

四大系列减速电机产品目录

R\F\K\S SERIES GEARMOTOR CATALOGUE



官方抖音号



官方服务号





万鑫精工(简称万鑫精工)是集研发、生产、销售、服务于一体的专业机电驱动产品供应商以及智能自动化应用解决方案提供商。主要生产齿轮减速机、高精度减速机、伺服电机、驱动器等,产品广泛应用于自动化生产线、机器人、汽车制造、工程机械、仓储物流、冶金、化工等行业领域。

源于“世界工厂”广东东莞市长,兴于“中部热土”湖南省长沙市,万鑫精工拥有湖南和东莞两大生产基地,成立了日本、深圳、湖南总部三大研发中心以及印度分公司,产品销售至国内大部分省份地区以及全球各大洲。

秉持“致力于打造世界一流的中国机电品牌”的信念与愿景,立志走“精益”制造业强国之路,万鑫精工以“专业化、品牌化、国际化”为目标,引进美国、日本、德国先进的加工与检测设备,矢志将行为全球客户提供技术精品、品质卓越的高性价比产品,向着推动世界工业智能化发展不懈奋斗!





产品图片 PRODUCT PICTURES



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产品说明

Product Introduction

我公司硬齿面系列减速机是具有国际先进水平, 包括R系列斜齿轮减速机, F系列平行轴—斜齿轮减速机, K系列斜齿轮—伞齿减速机, S系列斜齿轮—蜗轮蜗杆减速机等。

我公司减速机系列产品采用模块化产品在设计理念, 使用有限元分析软件, 采用独特的低噪音齿轮齿形设计, 确保设计的先进性; 市场比较成熟, 有数百种不同的组合, 可满足用户各种不同需求; 从原材料制造单元加工, 实现产品的高精度、免维护, 可选范围广。

我公司还备有圆锥型减速机(输入端加一个斜齿轮减速机)、摆线盘、花盘空心轴、B14法兰等多种组合方式供客户选择, 详情请向我公司索取。

Our Hardened reducer series is with international advanced level, including the R series helical gear reducer, F series parallel to the axis of the helical gear reducer, K series helical gears-bevel gear reducers, S series helical gear-worm reducer etc.

All our full series motor products follow the optimization design philosophy of modularization, adopt finite element analysis method and unique low noise technology in gear designing, to insure the progressiveness of the design. The ratio classification in high fineness, available for millions of different combinations, which could satisfy various requirements from the selection of raw materials to the processing of manufacturing cell, to realize the high-precision and maintenance-free of product, and the selection range is very wide.

Our company also provides other product options such as double geared motor/add helical geared motor to the input end, shrink disk, spline hollow shaft, B14 flange etc different combinations for choices, please consult our company for further information.

产品展示

Product display



R系列



F系列



K系列



S系列

3. 型号说明
Model Notes

3.1 减速机符号说明 Gear Motor Introduction

R	F	87	II	WS	S	B	2.2KW	-4	TF	124.97	M1	90°
1	2	3	4	5	6	7	8	9	10	11	12	13

1 产品代码 R-斜齿轮减速机	2 装配型式 TF-同轴、底座安装 F-法兰安装	3 减速机规格号 47-减速机 规格号见P7	4 法兰盘大小 1-法兰盘-法兰孔 法兰孔-螺栓孔 法兰-螺栓孔 法兰-螺栓孔 法兰-螺栓孔 法兰-螺栓孔	5 品牌 WIL-Weinmann, 万德曼
6 电动机 0-三相异步电动机 00-三相异步电动机	7 刹车 0-无刹车 00-有刹车 (有刹车时请标注)	8 电机额定输出功率 2.2KW-电机的额定功率 2.2KW-2.2KW	9 电机规格 2-电机 4-电机 6-电机 8-电机	10 电机保护 0-无保护 TF-过载保护 TF-过载保护 TF-过载保护 TF-过载保护

11 减速机传动比 124.97-减速机 传动比为124.97	12 安装位置 M1-垂直式安装 其它位置	13 接轴位置 TF-同轴式 TF-底座式 TF-底座式 TF-底座式
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R	F	87	II	WS	S	B	2.2KW	-4	TF	124.97	M1	90°
1	2	3	4	5	6	7	8	9	10	11	12	13

1 Code R-Helical Gear Motor	2 Assemble Type No Brake/With Brake F-Flange Mounting	3 Gear Unit Size 87-Gear Unit Size 87	4 Flange Size 1-Hollow, only one flange, or the standard flange 2-Double flange 3-Double flange 4-Double flange	5 Brand WIL-Weinmann Brand
6 Electric Motor 0-Induction asynchronous motor 00-3 phase motor with frequency speed regulating asynchronous motor	7 Brake No Brake/With Brake 0-Power off Brake 00-Helical Worm Brake (Automatic return to running position)	8 Motor Rated Power 2.2KW-2.2KW	9 Pole Number 2 pole 4 pole 6 pole 8 pole	10 Thermistor No Thermistor/With Thermistor TF-Thermistor Protection TF-Thermistor Protection TF-Thermistor Protection General Switch

11 Ratio Ratio is 124.97	12 Mounting Position M1-Mounting Position M1	13 Terminal Box Position No side-mounting position TF-mounting position TF
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F A 87 / G W S S B 2.2KW -4 / TF / 123.29 / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 产品代码 F-平行轴-伞型减速机 A-伞型减速机	2 装配型式 A-卧式-底座安装 B-立式-底座安装 C-立式-法兰安装 D-立式-法兰安装	3 减速机规格号 87-减速机 规格号见7	4 扭矩臂 A-卧式-底座安装 B-立式-底座安装	5 品牌 WIS-Weinmann, 2.2KW
6 电动机 B-三相异步电动机 W-三相异步电动机	7 刹车器 A-三相异步电动机 B-三相异步电动机 C-三相异步电动机 D-三相异步电动机	8 电机额定输出功率 2.2KW-电机额定功率 2.2KW-2.2KW	9 电机级数 2.2级电机 4.4级电机 6.6级电机	10 电机保护 A-三相异步电动机 B-三相异步电动机 C-三相异步电动机 D-三相异步电动机
11 减速机传动比 123.29-减速机 传动比为123.29	12 安装位置 M1-底座式安装 M1-底座	13 接线盒位置 A-三相-底座式 B-三相-底座式 C-三相-底座式 D-三相-底座式	14 接线盒位置 A-三相-底座式 B-三相-底座式 C-三相-底座式 D-三相-底座式	15 电机保护 A-三相异步电动机 B-三相异步电动机 C-三相异步电动机 D-三相异步电动机

F A 87 / G W S S B 2.2KW -4 / TF / 123.29 / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 Code F-Parallel shaft, Helical Gear Motor	2 Assembly Type A-Flange Mounted B-Flange Mounted C-Flange Mounted D-Flange Mounted	3 Gear Unit Size 87-Gear Unit Size 87	4 Torque Arm No Code-Without Torque Arm B-Torque Arm	5 Brand WIS-Weinmann Brand
6 Electric Motor B-3 phase asynchronous motor W-3 phase asynchronous motor	7 Brake No Code-Without Brake A-Flange Mounted B-Flange Mounted C-Flange Mounted D-Flange Mounted	8 Motor Rated Power 2.2KW-Motor rated power is 2.2KW	9 Pole Number 2 poles 4 poles 6 poles 8 poles	10 Thermistor No Code-Without Thermistor T1-Thermistor Protection T2-Thermistor Protection T3-Thermistor Protection T4-Thermistor Protection
11 Ratio Ratio is 123.29	12 Mounting Position M1-Mounting Position M1	13 Terminal Box Position No Code-Terminal Box Position is 0° 90°-Terminal Box Position is 90°	14 Terminal Box Position No Code-Terminal Box Position is 0° 90°-Terminal Box Position is 90°	15 Thermistor No Code-Without Thermistor T1-Thermistor Protection T2-Thermistor Protection T3-Thermistor Protection T4-Thermistor Protection

K A 87 / T W S S B 2.2KW -4 / TF / 115.82 / B / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 产品代码 K-伞型减速机	2 装配型式 A-卧式-底座安装 B-立式-底座安装 C-立式-法兰安装 D-立式-法兰安装	3 减速机规格号 87-减速机 规格号见7	4 扭矩臂 A-卧式-底座安装 B-立式-底座安装	5 品牌 WIS-Weinmann, 2.2KW
6 电动机 B-三相异步电动机 W-三相异步电动机	7 刹车器 A-三相异步电动机 B-三相异步电动机 C-三相异步电动机 D-三相异步电动机	8 电机额定输出功率 2.2KW-电机额定功率 2.2KW-2.2KW	9 电机级数 2.2级电机 4.4级电机 6.6级电机	10 电机保护 A-三相异步电动机 B-三相异步电动机 C-三相异步电动机 D-三相异步电动机
11 减速机传动比 115.82-减速机 传动比为115.82	12 安装位置 M1-底座式安装 M1-底座	13 接线盒位置 A-三相-底座式 B-三相-底座式 C-三相-底座式 D-三相-底座式	14 接线盒位置 A-三相-底座式 B-三相-底座式 C-三相-底座式 D-三相-底座式	15 电机保护 A-三相异步电动机 B-三相异步电动机 C-三相异步电动机 D-三相异步电动机

K A 87 / T W S S B 2.2KW -4 / TF / 115.82 / B / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 Code K-Helical Gear, Bevel Gear Motor	2 Assembly Type A-Flange Mounted B-Flange Mounted C-Flange Mounted D-Flange Mounted	3 Gear Unit Size 87-Gear Unit Size 87	4 Torque Arm No Code-Without Torque Arm Q-Torque Arm	5 Brand WIS-Weinmann Brand
6 Electric Motor B-3 phase asynchronous motor W-3 phase asynchronous motor	7 Brake No Code-Without Brake A-Flange Mounted B-Flange Mounted C-Flange Mounted D-Flange Mounted	8 Motor Rated Power 2.2KW-Motor rated power is 2.2KW	9 Pole Number 2 poles 4 poles 6 poles 8 poles	10 Thermistor No Code-Without Thermistor T1-Thermistor Protection T2-Thermistor Protection T3-Thermistor Protection T4-Thermistor Protection
11 Ratio Ratio is 115.82	12 Shaft Direction A-Shaft Direction is A B-Shaft Direction is B AB-Dual Output Shaft	13 Mounting Position M1-Mounting Position M1	14 Terminal Box Position No Code-Terminal Box Position is 0° 90°-Terminal Box Position is 90°	15 Thermistor No Code-Without Thermistor T1-Thermistor Protection T2-Thermistor Protection T3-Thermistor Protection T4-Thermistor Protection

1 Code K-Hollow Gear, Worm Gear/Motor	2 Assembly Type A-Flange Mounted B-Flange Mounted M-Motor Shaft/Inboard A-Flange Mounted with Hollow Shaft N-Green-Box Output Shaft	3 Gear Unit Size B7-Gear Unit Size B7	4 Torque Arm No Code-No Torque Arm S-Torque Arm	5 Brand W5-Washburn Brand
6 Electric Motor S-3 phase asynchronous asynchronous 3-phase variable frequency speed-regulating asynchronous motor	7 Brake A-No Code-Hollow Gear B-Frame of Gear C-3 phase Motor Brake (brake return is locking position)	8 Motor Rated Power 2.00W-Motor rated power is 2.00W	9 Pole Number 2000r 4000r 6000r 8000r	10 Thermistor No Code-Without Thermistor T1-Thermistor Position P16-Thermistor P16-Thermistor P16-Thermistor Protection Resistor Switch
11 Ratio 110:4,Ratio is 110:4	12 Hollow Shaft Diameter G45-Hollow shaft Diameter is 45mm S-Noted in the two aperture 33mm	13 Shaft Direction A-Shift Direction is A & shaft Direction is A B-Not Code Output Shaft	14 Mounting Position M1-Mounting Position M1	15 Terminal Box Position No Code-Terminal Box Position is 27° B-Terminal Box Position is 30°

型号 Model	减速机 Gear motor			
	固定型 (F) Fixed	平行轴 (P) Parallel shaft	斜交轴-平行轴 (H) Helical bevel	垂直轴-斜交轴 (V) Vertical bevel
悬臂安装 Post-mounted	●	●	●	●
卧式法兰安装 H8法兰安装 H8 flange-mounted	●	●	●	●
悬臂卧式法兰安装 PostH8 flange-mounted	●	●	—	—
带键空心轴安装 Hollow shaft with key	—	—	●	●
带键法兰空心轴安装 Hollow shaft with shrink disk	—	●	●	●
带键斜交空心轴安装 Splined hollow shaft with shrink disk	—	—	●	—
带键法兰空心轴安装 Hollow shaft with shrink disk+H8 flange-mounted	—	—	—	—
带键空心轴安装+法兰安装 Hollow shaft with Key+flange-mounted	—	—	—	—
带键空心轴安装+斜交法兰安装 Splined hollow shaft mounted+flange-mounted	—	—	—	—
带键空心轴安装+卧式法兰安装 Hollow shaft with Key+H8 flange mounted	—	—	—	—
带键法兰空心轴安装+卧式法兰安装 Hollow shaft with shrink disk+H8 flange-mounted	—	—	—	—
带键空心轴安装+卧式法兰安装 Splined hollow shaft mounted+H8 flange mounted	—	—	—	—
带键空心轴安装+H8法兰安装 Hollow shaft with Key+H14 flange mounted	—	—	—	—
带键法兰空心轴安装+H8法兰安装 Hollow shaft with shrink disk+H14 flange mounted	—	—	—	—
带键空心轴安装+H14法兰安装 Splined hollow shaft mounted+H14 flange mounted	—	—	—	—

On request, motors and sensors can be supplied with an integrated mechanical brake. The brake is an electromagnetic disk brake made by a DC line coil. It is released by electromagnetic force and brake with spring force. The brake principle is power-off brake, which can satisfy fundamental safety requirements. The brake can also be released mechanically if fitted with manual brake release. The manual release was supplied either with a handle or a flat head screw, the handle can spring back automatically, and the flat head screw could be locked in the position of release. The brake is driven by a brake control center, which installed in terminal box or in electric cabinet.



3.3 减速机及附件的名称

3.3 Unit designations gear units and options

斜齿轮减速机
Helical gear units

R..	底座安装 Foot-mounted
RF..	法兰安装 Flange mounted
R..F	底座-法兰安装 Foot and flange-mounted
RM..	带加长轴承座, 底座安装 Flange-mounted with the extended bearing housing

平行轴减速机

Parallel shaft helical gear units

F..	底座安装 Foot-mounted
FA..B	底座安装, 空心轴 Flange mounted with hollow shaft
FA..B	底座安装, 带蜗轮空心轴 Foot mounted with hollow shaft and shrink disk
FV..B	底座安装, 带花键空心轴 Foot mounted with splined hollow shaft
FF..	05法兰安装 05 flange mounted
FAF..	05法兰安装, 空心轴 05 flange mounted with hollow shaft
FHF..	05法兰安装, 带蜗轮空心轴 05 flange mounted with hollow shaft and shrink disk
FVF..	05法兰安装, 带花键空心轴 05 flange mounted with splined hollow shaft and shrink disk
FA..	空心轴安装 Hollow shaft mounted
FL..	带蜗轮空心轴安装 Hollow shaft with shrink disk
FV..	带花键空心轴安装 Splined hollow shaft mounted
FAZ..	014法兰安装, 空心轴 014 flange mounted with hollow shaft shrink disk
FHZ..	014法兰安装, 带蜗轮空心轴 014 flange mounted with hollow shaft shrink disk
FVZ..	014法兰安装, 带花键空心轴 014 flange mounted with splined hollow shaft

斜齿轮-伞齿轮减速机

Helical-bevel gear units

K..	底座安装 Foot-mounted
KA..B	底座安装, 空心轴 Foot-mounted with hollow shaft
KV..B	底座安装, 带蜗轮空心轴 Foot-mounted with hollow shaft and shrink disk
KB..	底座安装, 带花键空心轴 Foot-mounted with splined hollow shaft
KF..	05法兰安装 05 flange mounted
KA..	05法兰安装, 空心轴 05 flange mounted with hollow shaft
KHF..	05法兰安装, 带蜗轮空心轴 05 flange mounted with hollow shaft and shrink disk
KVF..	05法兰安装, 带花键空心轴 05 flange mounted with splined hollow shaft and shrink disk
KA..	空心轴安装 Hollow shaft mounted
KH..	带蜗轮空心轴安装 Hollow shaft with shrink disk
KV..	带花键空心轴安装 Splined hollow shaft mounted
KAZ..	014法兰安装, 空心轴 014 flange mounted with hollow shaft shrink disk
KHZ..	014法兰安装, 带蜗轮空心轴 014 flange mounted with hollow shaft shrink disk
KVZ..	014法兰安装, 带花键空心轴 014 flange mounted with splined hollow shaft

斜齿轮-蜗轮蜗杆减速机

Helical-worm gear units

S..	底座安装 Foot-mounted
SF..	05法兰安装 05 flange mounted
SAF..	05法兰安装, 空心轴 05 flange mounted with hollow shaft
SXF..	05法兰安装, 带蜗轮空心轴 05 flange mounted with hollow shaft and shrink disk
SA..	空心轴安装 Hollow shaft mounted
SH..	带蜗轮空心轴安装 Hollow shaft with shrink disk
SAZ..	014法兰安装, 空心轴 014 flange mounted with hollow shaft
SAZ..	014法兰安装, 带蜗轮空心轴 014 flange mounted with hollow shaft shrink disk

3.4 减速机及附件的名称

3.4 The name of AC motors and its accessories

双速交流电机型号

Pole-Changing AC motors with soft start

SD...

双速电机法兰安装

电机型号

Pole-Changing flange mounted

Motor options

BMS	制动电阻 Brake
..JMF	手动释放 (锁在制动释放位置) /..Manual release(lock in the brake release position)
..JHR	手动释放 (自动返回制动位置) /..Manual release(automatic return to braking position)
/MS	防止跳闸 Lockstop
/TF	热敏电阻保护装置 (PTC热敏电阻) /Thermistor sensor(PTC resistance)
/TH	恒温器保护装置 (恒温片开关) /Thermostat(bimetallic switch)
/U	风冷风扇 (无通风) /motorbody cooling(fan ventilation)
/V	强制风冷扇 3x380-415VAC50Hz / Strong cooling fan 3x380-415VAC50Hz
/V8	强制风冷扇 3x230-260VAC50Hz / Strong cooling fan 3x230-260VAC50Hz
/VM	强制风冷扇 / 1x240VAC Strong cooling fan 1x240VAC
/Z	高惯性飞轮风扇 / High inertia flywheel for fan
/C	风罩防雨罩 / Fan rainproof cover
-SRD	调速电机 / Roller motor

编码器附件

Encoder on AC motor options

..H	增量编码器 Incremental encoder
..HHR	绝对值编码器, MPS和sin/cos信号, 24VDC电源 Absolute encoder with solid shaft, MSI and sin/cos signals and 24VDC supply
/RE	扩展轴编码器, TTL, PLS-422信号, 5VDC电源 Encoder with spread shaft, TTL, PLS-422 signals and 5VDC supply
/TF	扩展轴编码器, sin/cos信号, 24VDC电源 Encoder with spread shaft, sin/cos signals and 24VDC supply
/TH	扩展轴编码器, TTL, PLS-422信号, 24VDC电源 Encoder with spread shaft, TTL, PLS-422 signals and 24VDC supply
/U	扩展轴编码器, HTL Encoder with spread shaft
/V	空心轴编码器, TTL, PLS-422信号, 5VDC电源 Encoder with solid shaft, TTL, PLS-422 signals and 5VDC supply
/VS	空心轴编码器, sin/cos信号, 24VDC电源 Encoder with solid shaft, sin/cos signals and 24VDC supply
/VR	空心轴编码器, TTL, PLS-422信号, 24VDC电源 Encoder with solid shaft, TTL, PLS-422 signals and 24VDC supply
/Z	空心轴编码器, HTL Encoder with solid shaft, HTL
/C	接近开关, 带A路, 24VDC电源 Proximity switch with A track and 24VDC supply
-SRD	接近开关, 带A路, 24VDC电源 Proximity sensor with A/D track and 24VDC supply

编码器安装附件

Mounting device for encoders on AC motor options

ES..A	扩展轴安装 ..With spread shaft
EV1A	空心轴安装托架 ..With brackets for solid shaft



4. 减速机选型 Selection of gear reducer

4.1 传动装置选型数据

4.1 Drive selection data

准确地确定所需传动装置，下表所列数据是必须的：

Certain data are essential to specify the components for your drive. There are.

传动装置选型数据		
n_{max}	最大输出转速 Maximum output speed	[rpm]
n_{min}	最小输出转速 Minimum output speed	[rpm]
$P_{out} \text{ (min)}$	最低输出转速下的输出功率 Output power at minimum output speed	[kW]
$P_{out} \text{ (max)}$	最高输出转速下的输出功率 Output power at maximum output speed	[kW]
$M_{out} \text{ (min)}$	最低输出转速下的输出扭矩 Output torque at minimum output speed	[Nm]
$M_{out} \text{ (max)}$	最高输出转速下的输出扭矩 Output torque at maximum output speed	[Nm]
F_R	FR输出轴径向力。假设载荷作用在轴伸的中点。 如果不一样，请确定径向力重锤的位置。 作用角度和轴伸方向以便进行扭矩计算。 FR output shaft radial forces. Suppose the load is applied at the endpoint of the axial extension. If not, please be sure the exact point at which the radial force is applied. Function angle and axial rotation direction for checking calculation.	[N]
F_A	输出轴轴向负荷（张力和压力） Axial Load of output shaft (tension and compression)	[N]
J_{dev}	被驱动件的转动惯量 Rotational inertia of the driven device	[kg·m²]
型号/KG/M1-M6	所需减速机型号和安装位置 Required gear reducer model and its mounting position=mac. Mounting positions, churning losses)	—
IP ₁	外壳防护等级 IP grade required	—
amb	环境温度 Ambient temperature	[°C]
H	海拔高度 Altitude	[m above sea level]
$S_{-} \% \text{dof}$	工作制和负载持续率dof; 也可给出轴的负载周期图 Working mode and Load duration Rate dof; Exact load cycle diagram available for review.	—
Z	启停频率，也可给出轴的负载周期图 Start and stop frequency; alternatively, Exact load cycle diagram available for review.	[sa per h]
f_{supply}	电源频率 Power supply frequency	[Hz]
U_{motor}	电机工作电压额定电压 Operating voltage of motor and brake	[V]
M_b	所需制动力矩 Required braking torque	[Nm]

4.2 选型流程图

4.2 Project planning sequence

例

Example

用布位置要求驱动方案的流程图示例。所涉及的减速机由变频器控制

Below is a flow diagram of the drive with positioning requirements, the related gear motor was controlled by an inverter.

被驱动机的参数 -技术数据和环境条件 -位置精度要求 -速度范围（控制精度） -循环时间的确定	Parameters of the device driven -Technical data and ambient conditions -Positioning accuracy -Speed setting range (controlling accuracy) -Determination of the cycle time
计算机参数的应用参数 -所需的数据，动态功率和制动功率 -速度 -扭矩 -运行图	Computer application parameters -Calculation of static power, dynamic power, energy consumption for brake -Speeds -Torque -Working diagram
减速机选择 -确定减速机的规格，减速比和型号 -位置精度 -检查减速机的负载能力 (Maxtor > M _{req})	Gear unit selection -Definition of gear unit size, reduction ratio and type -Check for positioning accuracy -Check for gear unit load ability
控制系统选择的基本数据 -位置精度 -速度范围 -控制模式	Control system selection depending on -Positioning accuracy -Speed range -Control mode
变频器操作模式 -V/F控制方式（开环/闭环） -电压矢量控制（开环/闭环）VVC -电流矢量控制CVC	Inverter operation mode -V/F control mode (open/closed cycle) -Voltage vector control (open/closed cycle) VVC -Current vector CVC
电机选择 -最大扭矩 -电动机额定速度下的扭矩 -最大扭矩 -电动机额定功率 -电动机额定功率（开环/闭环，带热过载保护） -电动机额定功率（开环/闭环，带热过载保护） -电动机额定功率（开环/闭环，带热过载保护）	Motor selection -Maximum torque -Effective torque at medium speed -Maximum speed -In-dynamic drive torque output -Thermal rating (starting range, cycle duration factor) -Selection of the correct encoder -Motor accessories (brake, thermal limit, TP Thermal Assurance Sensors, etc.)
变频器选择 -连续功率选择 -V/F控制模式下的连续功率和峰值功率 -VVC控制模式下的连续功率和峰值功率 -CVC控制模式下的连续功率和峰值功率	Inverter selection -Variable power selection -Continuous power and peak power under V/F control. -Continuous power and peak current under VVC -CVC=auto control
制动电阻选择 -根据额定功率和工作循环周期确定制动电阻	Selecting the braking resistor -Brake resistance is determined according to energy consumption power and working cycle
其他选择 -电磁干扰计算 (EMC) -控制柜/请查看 -附加功能	Other options -EMC calculation -Operation/parameterisation board -Additional functions
检查是否所有要求已满足	Check to see if all requirements have been met

图：选型流程图 Figure: Project planning process



4.3 减速机的效率

4.3 齿轮箱的效率

减速机的效率主要取决于啮合副的摩擦损失和密封损失。

减速机运行时的效率主要取决于运行速度，尤其是蜗轮蜗杆减速机效率更低。

The efficiency of gear reducer is mainly determined by gear meshing and bearing friction loss.

The efficiency of the working beginning is always lower than the normal operation, especially the helical gear worm and worm.

R/F/K系列减速机 / R/F/K gear units

斜齿轮、平行轴、斜齿锥齿轮减速机的效率根据减速级数而定，在94%~97%~98%之间。

The efficiency of helical, parallel shaft helical and helical bevel gear units varies according to the number of gear stages between 94% stage and 98% stage.

S系列减速机 / S gear units

斜齿行星轮减速机由于产生齿面滑动摩擦，所以它的R/F/K减速机效率更低，效率低，主要原因有以下因素决定：

1. 齿面滑动摩擦的损失

2. 输入转速

3. 齿面温度

设计的斜齿行星轮减速机比早期的蜗轮蜗杆减速机的效率有显著提升，对于齿数比上的斜齿行星轮减速机才有其效率>0.5。

Owing to high loss of sliding friction, S gear units have higher gearings/loss while lower efficiency than R, F or K gear units. Reasons are following:

• Transmission rate of helical gear worm gear and worm gear stage

• Input speed

• Gear unit temperature

The efficiency of the designed helical gear worm-reducer is obviously improved compared with the single gear worm-reducer, and its possible on-efficiency 0.5.

自锁条件 / Self-locking condition

材料表面一般材料上施加外力会产生一个反力矩，其值约等于输入力矩，如果输入力矩<0.5，那么蜗轮蜗杆减速机就会自锁。

如果少量大扭矩的斜齿行星轮减速机减速机自锁，如果斜齿行星轮的齿面粗糙度比蜗轮高，那么蜗轮蜗杆减速机就会自锁。

There will be an inverse efficiency > 0.5 when a moment torque more added onto a helical worm gear unit, and this inverse efficiency will be significantly smaller than forward efficiency < 0.5. If the forward efficiency < 0.5, when helical worm gear units with very big gear ratio are actually self-locking. Please contact us if you wish to make use of the locking characteristics of self locking.

运行初始阶段 / Initial Running phase

由于新的蜗轮蜗杆减速机齿面不平整，摩擦系数大，所以初始运行阶段效率低，这种特性在大扭矩减速机使用更加明显。

Because of the gear surface not smooth enough and friction angle a little big, initial running phase efficiency of a new helical worm will be smaller than normal working phase, and this will be more obvious as the ratio going bigger.

在运行初始阶段，所标效率应减去表中数据：

In the initial running phase, the given efficiency number should minus the corresponding value listed in the following table:

	Helical-worm	行星减速机
1st gear	approx. 0.12%	approx. 0.30-0.35
2nd gear	approx. 0.1%	approx. 0.30-0.35
3rd gear	approx. 0.3%	approx. 0.30-0.35
4th gear	—	—
5th gear	approx. 0.3%	approx. 0.30-0.35
6th gear	approx. 0.3%	approx. 0.30-0.35

经过连续24小时运行，斜齿蜗轮蜗杆减速机以下条件可以忽略初始效率损失：

1. 减速机经过充分磨合

2. 减速机达到正常运行温度

3. 输入转矩的波动

减速机在规定的负载范围内工作

Normally after 24-hour pilot run, helical-worm gear units can achieve rated efficiency when:

The gear unit has fully run in

The gear unit has reached its normal operation temperature

The recommended lubricant has been filled in

The gear unit is working within the rated load range

摆线损失 / Churning losses

在减速机安装位置，第一级小齿轮齿面会浸入油中，对于大型减速机其浸入油深度会增加，摆线损失会随之上升，不能忽略。因此，减速机安装位置应向厂方咨询，如果可能，对于大型减速机应尽量选择浸入油深度较小的安装位置。

In order mounting positions of gear units, the first-reduction stage is completely immersed in the lubricant, and for some gear units with big loss and high input speed, the churning losses could be sharp which cannot be ignored, you would be required to consult our after-sales service when this happens. In order to make the churning loss as small as possible, please apply it mounting position as much as possible for R, F and K series.

4.4 使用系数

4.4 Service factor

4.4.1 使用系数的确定 / Determination of the service factor

选择减速机应考虑一定的使用系数和寿命，使用系数和寿命的选取与使用场合有关，根据使用场合和使用系数选择减速机型号。

When choosing selections of gear units, its service factor needs to be taken into consideration, referred as F_d , which is determined by daily working time and start-stop frequency. However, these two factors which also affect the service factor, also needs to be considered, from below table you could get the service factor corresponding to the drive solution, the service factor from below table will be smaller or equal to the one given by gear units selection table.

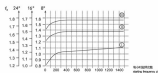


图 4.4.1 使用系数
Fig. 4.4.1 Service factor F_d
“使用系数”是指减速机在额定负载下，连续运行时间不超过10小时，且启动频率不超过10次/小时，且启动转矩不超过额定转矩的1.5倍时的使用系数。

Only operating time is shorter than 10 hours, starting frequency is less than 10 times per hour, and the starting torque is not more than 1.5 times of the rated torque, the service factor is 1.0.

负载类型 / Load classification

1. 负载类型

1.1 均匀负载，允许的惯性系数<0.2

1.2 中等冲击负载，允许的惯性系数<0.3

1.3 强烈冲击负载，允许的惯性系数<0.3

Three load types:

1. Uniform load, allowable inertial acceleration coefficient < 0.2

1.2 Medium impact load, allowable inertial acceleration coefficient < 0.3

1.3 Strong impact load, allowable inertial acceleration coefficient < 0.3

惯性加速度系数 / Inertial acceleration coefficient

惯性加速度系数的计算方法：

The inertial acceleration coefficient is calculated as follow:

$$\text{惯性加速度系数} = \frac{\text{所有的外部转动惯量}}{\text{电机的转动惯量}} \quad \text{Inertial acceleration coefficient} = \frac{\text{All external rotational inertia}}{\text{The moment of inertia of the electric motor}}$$

所有的外部转动惯量是指安装在减速机输入轴上的所有转动惯量，计算方法如下： $J = J_m + J_L$

"All external rotational inertia" means the rotational inertia of the drive device and the reducer is compared to motor rotating speed, the calculation formula as follow: $J = J_m + J_L$

J_m - 相对于电机轴的外部转动惯量

J_L - 相对于减速机输出轴的外部转动惯量

N - 减速机的输出转速

N_m - 电机的转速

J_m - External rotational inertia is compared to the motor shaft

J_L - External rotational inertia compared to the output shaft of the gearbox

N - Output speed of the gear unit

N_m - Motor speed

电机的转动惯量是指电机的转动惯量，需配有制造商提供的“飞轮”（2级）数据。需要知道电机和减速机的转动惯量，惯性加速度系数大于1.0，要求减速机具有足够的强度和刚度，且大于1.0，且必须咨询工厂方咨询。

The rotational inertia of the components will be increased if the motor was equipped with flywheel (2 level). It will be bigger than 1.0 where there is a big solid load. Please consult factory when such situations appear.

使用系数*f_d*

确定最大持续运行扭矩*M_{max}*和由此而得出的使用系数*f_d=M_{max}/M₂*是不困难的,并且不同的制造之间有很多不同,使用系数*f_d*1.0,驱动设备在额定强度范围内能使用简单的工作安全性能可靠性(材料齿轮材料材料减速机的齿轮之外),在一定条件下,使用系数不必和类似减速机的制造商给出的进行比较,如有疑问,建议和厂家联系索取针对特殊驱动设备数据资料。

service factor:

Ascertain maximum continuous working torque and then deriving the service factor $f_d = M_{max}/M_2$, which was thought to be also standard, and this value with different manufacturers. When $f_d = 1$ and within larger strength range, the driven motor capable of providing extremely high level of working safety and reliability (apart from the gear material and worm gear material). Under some circumstances, it is not necessary to compare the service factor with the value of other gear motor manufacturer, for any queries, please ask the manufacturer for detailed information special for some driving equipment.

举例/Example

额定功率系数2.5 (18级电机), 运行时间140小时/天 (图16-44)次启动 和300次启动/小时, 使用系数范围中*f_d*1.51, 则使用系数应选择的
使用系数*f_d*1.51.

Inertial acceleration coefficient 2.5 (18 hours/day operating time (check the figure at 180V) and 300 cycles/hour produce a service factor f_d 1.51 as shown in Fig.24 According to the selection table, the selected motor must have an f_d Value of 1.51 or greater.

斜齿行星齿轮减速机/Helical gear worm gear reducer

在斜齿行星齿轮材料材料减速机中,除了已标图中的使用系数*f_d*外,还有两个使用系数*f_a*和*f_b*要考虑

f_a=环境温度使用系数

f_b=负载使用系数

In the helical of gear worm reducers, in addition to the existing coefficient f_d in the figure, there are two other used coefficients f_a and f_b to be considered

f_a=working coefficient of ambient temperature

f_b=load persistence coefficient

确定使用系数*f_a*, *f_b*可通过下面确定,确定*f_a*时有确定*f_b*同样方法考虑负载类型。

The additional working coefficients f_a and f_b can be determined by the following figure. When confirmed f_b , load type can be considered in the same way as f_a .



图: 环境温度系数*f_a*和*f_b*
Additional service factors f_a and f_b

确定*f_b*时,环境温度低于-20°C请向厂家咨询
Please contact in case of temperatures below -20°C (°C)

斜齿行星齿轮材料材料减速机的使用系数*f_d*,按下式计算: $f_d = f_a \cdot f_b \cdot f_c$

The total service factor for helical-worm gear units is calculated as follows: $f_d = f_a \cdot f_b \cdot f_c$

举例/Example

假设一个例子使用*f_d*1.51的减速机是斜齿行星齿轮材料材料减速机

The gear motor with the service factor f_d 1.51 in the previous example is a helical-worm geared motor.

环境温度*t_a*=40°C, *f_a*=1.1 (图16-44)次启动

Ambient temperature t_a 40°C = 40, f_a 1.1 (check the figure at 180V) and 300 cycles/hour

负载工作时间为40分钟/小时 $\cos \phi$ 0.65, *f_b* = 0.85

Time under load 40min/h = 0.65, f_b = 0.85

根据选型表,所选的斜齿行星齿轮材料材料减速机*f_d*1.51

According to the selection tables, the selected helical-worm geared motor must have a value of 1.51 or greater.

使用系数(二)

Service factor(2)

减速机是标准产品,每天工作时间一定和重量按次数的情况来设计的,而实际使用中往往不是出于此种理想状态,因此必须按照实际使用情况进行设计,运行时间,启动频率等来确定工作系数*f_d*,启动系数*f_a*,启动小功率或低速表中给出的使用系数*f_d*,启动*f_a*,*f_b*,*f_c*,或请工作机机制造商的特技人员使用系数*f_d*,*f_a*,*f_b*,*f_c*应小于或等于减速机表的许可使用系数。

Gear units are designed under the circumstance of steady load, stated operating time per day and a small number of start and stop times. But the practical condition will be not as perfect as the designed circumstance. So we must confirm driven machine factor f_d , prime mover factor f_a , starting factor f_b according to actual load type, operating time, starting frequency. Let it less than or equal to the service factor f_d of selection table, via $f_d \cdot f_a \cdot f_b \cdot f_c$. The needed torque of service machine multiply the service factor ($f_d \cdot f_a \cdot f_b \cdot f_c$) should less than or equal to gear unit's permissible torque.

$$T_{PM} \geq M \cdot X_f \cdot X_a \cdot X_b \cdot X_c$$

f_d-工作机系数 (见表1) *f_d*-driven machine factor (see table 1)

f_a-启动系数 (见表2) *f_a*-prime mover factor (see table 2)

f_b-启动系数 (见表3) *f_b*-starting factor (see table 3)

M-工作机所需转矩 *M*-the need torque of driven machine

M-减速机许可转矩 *M*-gear unit's permissible torque

表1 Table 1 工作机系数 Factor for driven machine		<i>f_d</i>		
工作机 Driven machine		日工作小时数 The day work hours		
		0-8h	8-16h	>16h
河水处理 Waste water treatment	驱动轴(中心驱动)	Thickener (central drive)	-	1.2
	压滤机	Filter press	1.8	1.8
	絮凝剂	Flocculator	0.8	1.0
	曝气机	Aerators	-	1.8
	捞渣设备	Raking equipment	1.8	1.2
	阀门, 刮泥器, 刮泥器	Control, scrapers and rotary valves	1.8	1.8
	污泥泵	Pre-thickener	-	1.1
	螺旋输送机	Screw pumps	-	1.2
	水轮机	Water turbines	-	2.0
	离心泵	Centrifugal pumps	1.8	1.2
	1个活塞泵和活塞	Piston positive-displacement pumps	1.3	1.4
	>1个活塞泵和活塞	Piston positive-displacement pumps	1.2	1.4
起重机 Dredgers	带式输送机	Belted conveyors	-	1.8 (>10h)
	输送机	Dumping devices	-	1.2
	输送机(带式输送机)	Conveyor (belted conveyors)	1.2	1.8
	带式输送机(用于物料)	Belted wheel excavators as pick-up	-	1.2
	带式输送机(用于物料)	Belted wheel excavators for positive motion	-	2.0
	带式输送机	Conveyor heads	-	2.0
输送机 Conveyors	输送机	Traveling gears	-	1.4
	输送机	Plate bending machines	-	1.0
	输送机	Extruders	-	1.8
	输送机	Crush mills	-	1.8
	输送机	Roller extenders	-	1.8
	输送机	Cooling drums	-	1.3
化学工业 Chemical industry	输送机, 用于物料	Mixers for uniform media	1.8	1.3
	输送机, 用于物料	Mixers for non-uniform media	1.4	1.8
	输送机, 用于物料	Agitators for media with uniform density	1.3	1.3
	输送机, 用于物料	Agitators for media with non-uniform density	1.2	1.4
	输送机, 用于物料	Agitators for media with non-uniform density	1.4	1.8
	输送机	Processors	1.8	1.2
起重机械 Cranes	输送机	Centrifuges	1.8	1.2
	输送机	Blowing gears	2.8	2.8
	输送机	Lifting gears	2.8	2.8
	输送机	Traveling gears	2.8	2.8
	输送机	Holding gears	2.8	2.8
	输送机	Derailing job cranes	2.8	2.8



工作机 Driven machines		日工作小时数 The day work hours		
		<8h	8.5-10h	>10h
金属加工 设备 Metal working mills	剪板机	Plate shear	1.5	1.2
	推料机	Ingot pushers	1.5	1.2
	缠绕机	Winding machines	-	1.5
	冲床送料器	Casting bed transfer frames	-	1.5
	辊式折弯机	Roller straighteners	-	1.5
	锯床 (连续式)	Roller tables continuous	-	1.5
	锯床 (间歇式)	Roller tables intermittent	-	2.0
	可逆式冷轧机	Roller tables Reversible cold mills	-	1.5
	轧机 (连续式)*	Shower coils continuous	-	1.5
	轧机 (间歇式)*	Shower coils batch	1.5	1.0
	连续铸轧机	Continuous casting mills	-	1.4
	可逆式冷轧机	Reversing blooming mills	-	2.5
	可逆式冷轧机	Reversing slitting mills	-	2.5
	可逆式冷轧机	Reversing sheet mills	-	1.5
	可逆式冷轧机	Reversing plate mills	-	2.0
输送机械 Conveyors	辊筒式输送机	Roll adjustment rollers	3.5	1.5
	辊筒式输送机	Roller conveyors	-	1.5
	输送机	Feeding machines	1.4	1.5
	输送机	Rollers	1.5	1.5
	连续输送机 <1500W	Belt conveyors <1500W	1.5	1.3
	连续输送机 >1500W	Belt conveyors >1500W	1.1	1.3
	货物提升机	Goods lift	-	1.2
	货物提升机	Passenger lift	-	1.5
	带式输送机	Belt conveyors	-	1.5
	带式输送机	Rollers	-	1.2
	带式输送机	Rollers	-	1.5
	带式输送机	Rollers	-	1.5
	带式输送机	Rollers	-	1.5
	带式输送机	Rollers	-	1.5
	带式输送机	Rollers	-	1.5
冷却系统 Cooling towers	冷却系统	Refrigerating compressors	-	1.5
	冷却系统	Cooling tower fans	-	2.0
	冷却系统 (轴流风机和轴流)	Blowing fans (axial and radial)	-	1.4
	冷却系统	Cane rollers	-	1.3
	冷却系统	Cane rollers	-	1.3
	冷却系统	Roller conveyors	-	1.3
	冷却系统	Roller conveyors	-	1.3
	冷却系统	Roller conveyors	-	1.3
	冷却系统	Roller conveyors	-	1.3
	冷却系统	Roller conveyors	-	1.3
	冷却系统	Roller conveyors	-	1.3
	冷却系统	Roller conveyors	-	1.3
	冷却系统	Roller conveyors	-	1.3
	冷却系统	Roller conveyors	-	1.3
	冷却系统	Roller conveyors	-	1.3
造纸工业 Paper production	造纸工业	Sugar beet washing machines	-	1.5
	造纸工业	Sugar beet cutters	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
造纸工业 Paper machines	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
造纸工业 Cableways	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
	造纸工业	Of all-kind	-	1.5
水泥工业 Cement industry	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5
	水泥工业	Of all-kind	-	1.5

表2 Table 2 启动系数 Factor for prime mover	f_s
电机, 液压马达, 汽轮机	1.5
4-6缸往复发动机 Piston engines 4-6 cylinders	1.25
1-3缸往复发动机 Piston engines 1-3 cylinders	1.5

表3 Table 3 启动系数 Start factor	f_s
启动次数/每小时 Number of starts and stophour	
<10	1
10<C ₁ <100	1.15
100<C ₁ <1000	1.25

4.5 径向和轴向负载 4.5 Radial and axial loads

径向负载
The radial load

确定径向负载时, 要考虑安装在轴端传动部件的影响, 传动部件系数 f_r 列于表:
When determining the radial load, the type of transmission element mounted on the shaft and must be considered. The transmission element factors f_r are listed as follows:

传动部件 Transmission element	传动部件系数 f_r Transmission element factor f_r	备注 Comments
齿轮 Gears	1.15	>17齿 >17 teeth
链轮 Chain sprockets	1.40	>17齿 >17 teeth
链轮 Chain sprockets	1.25	>20齿 >20 teeth
窄V型带 Narrow V-belt pulleys	1.75	预紧力影响 Prestress force influence
宽V型带 Flat belt pulleys	2.50	预紧力影响 Prestress force influence
齿形带带 Toothed belt pulleys	2.5	预紧力影响 Prestress force influence

作用在电机减速机轴上的径向力按下式计算:
The radial load exerted on the motor or gearbox or motor shaft is calculated as follows:

$$F_{ra} = \frac{M_a \cdot 2000}{d_s} \cdot f_r$$

F_{ra} 径向负载 (N)
 M_a 力矩 (N.m)
 d_s 轴径 (mm)
 f_r 传动部件系数

许用的径向负载
Permitted overrunning load

根据额定轴承载寿命 L_{10} 求确定许用径向负载。
For the special operating conditions, the permitted radial loads can be determined by the modified service life L_{10} .
对于特殊的运行条件, 许用径向负载根据所要求的修正寿命 L_{10} 来确定。
对于特殊安装形式轴端传动部件的减速机, 对于其他安装形式可与工厂联系。
According to the rated service life L_{10} of the anti-friction bearings to define the permitted radial loads.
The permitted radial loads F_{ra} for the output shafts of foot-mounted gear units with a solid shaft are listed in the selection tables for geared motors. Please contact in case of other types.

选型表中的径向力数据按照力作用于轴伸的中点 (斜齿轮-伞齿轮减速机安装A精确加载考虑)。
The data refer to the radial force acting midway on the shaft end (with right-angle gear units on the A-side output). Worst case conditions have been assumed for the force application angle α and the direction of rotation.

力作用角 α 和旋转方向已按最不利条件予以考虑。
The data refer to the radial force acting midway on the shaft end (with right-angle gear units on the A-side output). Worst case conditions have been assumed for the force application angle α and the direction of rotation.



- 对于K和S系列减速机，M1安装位置前盖与安装位置后盖连接时，许用径向载荷只是选型表中F_r数值的50%。
- 地脚/法兰安装斜齿轮减速机(R、F)：当通过法兰安装有键连接时，许用径向载荷最大为选型表中F_r的50%。

-For K and S series gear units, mounting position M1, the permissible radial load is only 50% of the FRa value specified in the selection table.

-For foot and flange-mounted helical gear motors(R、F), when the transmission torque was mounted via flange, the maximum permissible radial load should be 50% of the value specified in the selection table.

更高的许用径向载荷 Higher permissible radial load

对于H、F80K系列减速机安装重载轴承可提高许用径向载荷。另外，精确考虑载荷方向和力作用角度，也可提高许用径向载荷，在此情况下，请和厂家联系。

For R、F and K gear motors, the permissible radial load can be increased properly when there heavy duty bearings being installed. In addition, the radial load can also be bigger when the force application angle α is considered. In this situation, please contact the manufacturer in this situation.

所受力的定义 Definition of force application

所受力根据下图定义
Force application is defined according to the following diagram:



F_r=在X点的许用径向载荷(N)
F_r=许用径向载荷(N)

F_r=Approved radial load at point X [N]
F_r=Approved axial load [N]

许用轴向载荷 Permissible axial loads

如没有轴向载荷，那么轴向载荷FA (+表示拉力，-表示压力) 使表中径向符合的50%轴定是允许的，这适用于：

If there is no radial load, then an axial load FA (+ means tension, - means compression) equals to 50% of the radial load given in the selection tables is workable. This also applies to the following geared motors:

- 平行轴斜齿减速机与斜齿轮-伞齿轮(伞齿轮)减速机 (F87...除外)
- 伞齿轮斜齿减速机蜗杆减速机

-Parallel shaft and helical-bevel geared motors with solid shaft except for F87...
-Helical-worm geared motors with solid shaft

对于其他类型的减速机请和厂家沟通，以防过大的轴向载荷或轴向和径向的合成力。
Please contact for all other types of gear units and in the event of significantly greater axial loads or combinations of radial load and axial load.

偏离中心点的径向力 The off-center radial load

对于受力点不在轴端中心点的允许径向载荷要根据下面的公式计算，F_r和F_r中的较小值是允许值。

所计算的数值应用于M_{max}

The permissible radial loads given in the selection tables must be calculated using the following formulae in the event of force application not in the center of the shaft end. The smaller of the two values F_r (according to bearing service life) and F_r (according to shaft strength) is the permissible value for the radial load at point x. Moreover this formula also applies to the calculation of M_{max}.

根据轴承寿命F_r

$$F_{r1} \text{ according to bearing service life } F_{r1} = F_{r0} \cdot \frac{0}{1+X} \quad [N]$$

根据轴抗拉强度F_r

$$F_{r2} \text{ according to the shaft strength } F_{r2} = \frac{C}{1+X} \quad [N]$$

F_{r0} =对于底脚安装斜齿轮的允许径向载荷(选型表中所列值) 单位: N

Permissible radial load(F_{r0}=1G) for foot-mounted gear units according to the selection tables in [N]

X =从轴肩到受力点的距离

Distance from the shaft shoulder to the force application point in [mm]

a,b,f =对于径向载荷转化的齿轮常数

Gear unit constants for radial load conversion [mm]

c =对于轴向载荷转化的齿轮常数

Gear unit constants for axial load conversion [Nmm]



图：偏离中心点的径向力
Fig: Radial load F_r for off-center force application



按径向负载/轴化所得的/齿轮轴重量

Gear unit constants for radial load conversion

齿轮轴重量 Gear unit type	a [mm]	b [mm]	c [mm]	F [N/mm]	d [mm]	l [mm]
R37	118	93	1.24×10 ²	0	25	50
R47	137	107	2.44×10 ²	15	20	60
R57	147.5	112.5	3.77×10 ²	18	35	70
R67	168.5	133.5	2.51×10 ³	0	35	70
R77	173.7	133.7	3.97×10 ²	0	40	80
R87	215.7	165.7	8.47×10 ²	0	50	100
R97	255.5	195.5	1.19×10 ³	0	60	120
R107	285.5	215.5	2.06×10 ³	0	70	140
R137	343.5	258.5	6.14×10 ³	30	90	170
R147	402	297	8.85×10 ³	33	110	210
R167	450	345	1.28×10 ⁴	0	120	210
F37	123.5	98.5	1.07×10 ²	0	25	50
F47	153.5	123.5	1.78×10 ²	0	30	60
F57	170.7	135.7	5.49×10 ²	32	35	70
F67	181.3	141.3	4.12×10 ²	0	40	80
F77	215.8	165.8	7.87×10 ²	0	50	100
F87	283	233	1.19×10 ³	0	60	120
F97	350	280	2.06×10 ³	0	70	140
F107	373.5	288.5	4.23×10 ³	0	90	170
F127	442.5	337.5	9.49×10 ³	0	110	210
F157	512	407	1.05×10 ⁴	0	120	210
K37	123.5	98.5	1.41×10 ²	0	25	50
K47	153.5	123.5	1.78×10 ²	0	30	60
K57	169.7	134.7	6.8×10 ²	31	35	70
K67	181.3	141.3	4.12×10 ²	0	40	80
K77	215.8	165.8	7.89×10 ²	0	50	100
K87	252	192	1.84×10 ³	0	60	120
K97	319	249	2.8×10 ³	0	70	140
K107	373.5	288.5	5.53×10 ³	0	90	170
K127	443.5	338.5	8.31×10 ³	0	110	210
K157	509	404	1.18×10 ⁴	0	120	210
K167	621.5	496.5	1.89×10 ⁴	0	160	250
K187	720.5	560.5	3.04×10 ⁴	0	180	320
S37	118.5	98.5	6.0×10 ²	0	20	40
S47	130	105	1.33×10 ³	0	25	50
S57	150	120	2.14×10 ³	0	30	60
S67	164	148	3.04×10 ³	0	35	70
S77	224	179	5.26×10 ³	0	45	90
S87	281.5	221.5	1.68×10 ⁴	0	60	120
S97	358.3	298.3	2.54×10 ⁴	0	70	140

对于没有列出的类型的值需要商定。

Values for types not listed are available on request.

5. R 斜齿轮减速机 R Helical Geared Motors

5.1 设计方案

5.1 Versions of geared motors

斜齿轮减速机有以下设计方案

The following types of helical-bevel motor can be supplied:



R.D.

底座安装斜齿轮减速机

Foot-mounted helical geared motor



R.F.D.

法兰安装斜齿轮减速机

Flange-mounted helical geared motor

5.2 可行的组合方式

5.2 Type of Combination

以下斜齿轮减速机与减速机(带制动)电机的组合列表, 表中给出了每种组合的速比范围:

The following types of helical-bevel motor can be supplied:

减速机型号 Gear motor size	级 Stages	304/1/1 (3.2-3.270kV)	304/1/1 (3.2-3.270kV)	304/1/1 (3.2-3.270kV)	304/1/1 (3.2-3.270kV)	304/1/1 (3.2-3.270kV)	304/1/1 (3.2-3.270kV)	304/1/1 (3.2-3.270kV)
RHP37	2	3.41-28.32	3.41-22.27	3.41-19.31	3.41-15.68			
RHP37	3	24.42-134.82	24.42-185.35	24.42-48.28	24.42-35.40	38.17	61.18	73.98
RHP47	2	4.88-7.78	3.38-28.74	3.38-25.26	3.85-16.22	3.85-18.22	3.85-6.09	3.85-6.09
RHP47	3	28.85-176.85	23.59-139.89	23.59-121.87	23.59-47.75	23.59-47.75	23.59-36.93	
RHP57	2	6.45-8.96	3.88-28.31	4.38-28.31	4.38-21.93	4.38-18.88	4.38-7.97	4.38-7.97
RHP57	3	30.16-186.88	26.87-147.82	26.87-138.77	26.87-48.25	26.87-48.25	26.87-37.38	26.87-37.38
RHP67	2	6.27-7.78	4.93-7.78	4.93-28.13	4.29-23.64	4.29-18.88	4.29-15.79	4.29-18.79



续表

减速机型号 Gear motor size	级 Stages	D132-T1 (8.2kW)	D160 (11.4kW)	D180 (15.4kW)	D200 (20.0kW)	D250 (33.0kW)	D315 (43.0kW)	D355 (55.0kW)	D400 (75.0kW)
R37F07	2	32.27-189.81 6.59 15.80-23.37	28.83-186.14 6.79-8.58 12.33-23.37	28.83-137.87 8.31-23.37	28.83-51.58 8.26-88.91 113.94	28.83-61.36 69.75-85.81	28.83-39.88 69.75-14.17	28.83-28.88 58.75-14.17	
R37F17	2								
R37F17	3	28.83-195.24	29.80-186.59	29.23-148.67	29.23-121.42	29.23-102.88	29.23-48.81 65.77-81.88	29.23-48.81 65.77-81.88	
R37F07	2		19.10-34.48	7.13-8.18 13.33-34.48	5.36-34.48	5.36-34.48	5.36-27.84	5.36-27.84	
R37F07	2		41.74-245.84	27.88-218.64	27.88-151.77	27.88-158.34	27.88-63.68 81.82-124.87	27.88-63.68 81.82-124.87	
R37F07	2	22.37-32.58	8.29 16.17-32.08	7.12-9.26 12.38-32.08	7.12-9.26 12.38-32.08	4.83-32.08	4.83-32.08		
R37F07	3	33.37-63.37	33.37-63.37	37.13-58.11	27.58-218.28	27.58-158.78	27.58-158.78	27.58-158.78	
R37F137	2				15.65-38.77	8.82-7.88 18.13-30.77	8.82-7.88 18.13-30.77	8.82-7.88 18.13-30.77	
R37F137	3					48.37-251.15	29.49-203.15	29.49-203.15	
R37F137	2						7.88 12.82-29.57	7.88 12.82-29.57	
R37F137	3						32.91-222.69	32.91-222.69	

续表

减速机型号 Gear motor size	级 Stages	D132M1 (8.2kW)	D160M (11.4kW)	D180L (15.4kW)	D180 (15.4kW)	D200 (20.0kW)	D250 (33.0kW)	D315 (43.0kW)	D355 (55.0kW)
R37F17	2	5.31-17.4 9.84-14.85	5.31-7.74 9.84-14.85						
R37F17	3	25.35-7.47	28.31-7.78			380W	370W	430W	
R37F07	2	8.39-27.81	8.39-27.81	5.30-27.81	5.30-17.68				
R37F07	3	27.88-47.58 81.90-93.38	27.88-47.58 81.90-93.38	27.88-47.58 81.90-93.38	27.88-47.58 81.90-93.38				
R37F07	2	4.50-25.60	4.50-25.60	4.50-25.60	4.50-25.60	4.50-25.60			
R37F07	3	27.88-47.58 81.90-93.38	27.88-47.58 81.90-93.38	27.88-47.58 81.90-93.38	27.88-47.58 81.90-93.38	27.88-47.58 81.90-93.38			
R37F137	2	4.82-30.77	4.82-30.77	4.82-30.77	4.82-30.77	4.82-30.77			
R37F137	3	29.49-158.68	29.49-158.68	29.49-158.68	29.49-158.68	29.49-158.68			
R37F137	2	5.36-7.59 10.79-28.87	5.36-7.59 10.79-28.87	5.36-7.59 10.79-28.87	5.36-7.59 10.79-28.87	5.36-7.59 10.79-28.87			
R37F137	3	27.83-174.48	27.83-174.48	27.83-174.48	27.83-174.48	27.83-174.48			
R37F147	2	7.35 11.89-20.44	7.35 11.89-20.44	7.35 11.89-20.44	7.35 11.89-20.44	7.35 11.89-20.44			
R37F147	3	29.88-183.31	29.88-183.31	29.88-183.31	29.88-183.31	29.88-183.31			
R37F157	2		14.48-48.08	14.48-48.08	11.89-37.74	10.24-30.71	10.24-30.71	10.24-30.71	
R37F157	3		34.41-229.71	34.41-229.71	27.86-185.89	23.71-155.87	23.71-155.87	23.71-155.87	

5.3 速比与最大扭矩
5.3 Ratio and max torqueR37-57 $n_n=1400$ r/min

R37	203Nm					R47	330Nm					R57	450Nm				
i	n_1 [r/min]	M_{max} [N.m]	F_u [N]	AD		i	n_1 [r/min]	M_{max} [N.m]	F_u [N]	AD		i	n_1 [r/min]	M_{max} [N.m]	F_u [N]	AD	
3-stage					AD1	3-stage					AD2	3-stage					
134.82	10	200	4950			176.88	7.5	300	5420			186.89	7.5	450	7193		
123.66	11	200	4950			162.94	8.6	300	5420			172.17	8.6	450	7193		
105.28	13	200	4950			138.99	10	300	5420			147.82	9.5	450	7193		
90.77	15	200	4950			121.87	11	300	5420			128.77	11	450	7193		
84.61	17	200	4950			114.17	12	300	5420			120.63	12	450	7193		
73.96	18	200	4950			106.88	14	300	5420			106.58	13	450	7193		
66.33	20	200	4950			93.68	15	300	5420			88.99	14	450	7193		
61.18	23	200	4950			84.80	16	300	5420			89.71	16	450	7193		
56.78	25	200	4950			76.23	18	300	5420	AD2		80.55	17	450	7193		
						69.54	20	300	5420			69.23	20	450	7193		
48.58	29	299	4950		64.21	22	300	5420		64.85	22	450	6688				
44.81	31	299	4950		56.73	25	300	5420		57.29	24	450	6638				
39.17	36	299	4790		52.88	27	300	5420		53.22	28	450	6438				
36.72	38	299	4540		47.75	29	300	5150		48.23	29	450	6178				
32.48	43	299	4120	AD2	42.87	33	300	4930		43.30	32	450	5968				
28.73	49	299	3740		36.53	38	300	4630		37.30	38	450	5538				
24.43	57	299	3240		34.73	40	300	4520		35.07	40	450	5398				
					29.88	47	300	4240		30.16	46	450	5558				
					26.70	52	300	4050		26.57	52	450	4868				
					23.59	59	300	3840									
2-stage					AD2	2-stage					AD2	2-stage					
28.32	49	200	3660									26.31	53	450	4750		
28.03	84	186	3660									24.99	56	450	4840		
22.27	83	200	2670									21.93	64	450	4370		
19.31	73	200	2570			33.79	41	240	4680			18.60	75	450	4950		
18.05	78	200	2360			31.12	45	220	4610			16.79	83	450	3880		
15.60	90	200	2010			26.74	52	300	4050			14.77	95	435	3890		
13.25	106	190	1660			23.28	60	300	3620								
11.83	118	163	1610			21.81	64	300	3710								
10.11	138	170	1620			19.37	73	295	3530			13.65	100	430	3610		
9.47	148	176	1760			17.89	78	290	3360			11.88	110	405	3430		
7.87	176	156	1720		16.22	86	275	3260		10.79	130	360	3320				
6.87	210	144	1600		14.96	96	265	3230		9.98	155	375	3010				
5.87	247	142	790		12.54	112	250	3080	AD2	9.35	160	375	3180				
5.98	277	138	790		11.79	119	248	3020		9.08	165	375	3010				
4.32	324	126	820		10.15	138	230	2890		7.97	176	388	2820				
4.05	346	122	850		9.07	154	220	2760		7.53	186	386	1950				
3.41	411	112	900		8.01	175	205	2690		6.41	218	338	1770				
					7.76	186	163	2720		5.82	241	320	1820				
					6.96	201	159	2620		5.05	277	305	1730				
					6.00	233	156	2740		4.39	319	280	1930				
					5.64	248	155	2410									
					4.85	288	150	2280									
					4.34	323	146	2190									
					3.83	366	144	2060	AD3								

R67-87 $n=1400$ r/min

R07			600Nm	
	t_{res} [min]	M_{max} [N.m]	F_{N} [N]	AD
2-stage				
	166.01	7.0	900	7170
	184.07	7.8	900	7170
	188.14	8.9	900	7170
	138.67	10	900	7170
	128.97	11	900	7170
	113.94	12	900	7170
	105.83	13	900	7170
	95.91	15	900	7170
	88.11	16	900	7170
	74.17	19	900	7170
	69.75	25	900	7170
	61.26	23	900	7170
	56.89	25	900	7170
	51.56	27	900	7170
	46.29	35	900	7170
	39.68	35	580	7410
	37.50	37	670	7530
	32.27	43	940	7850
	28.83	49	520	6050
2-stage				
	28.13	50	540	7850
	26.72	53	540	7850
	23.44	60	560	7640
3-stage				
	19.89	70	600	7170
	17.85	78	590	7260
	15.79	89	560	7130
	14.91	84	550	6960
	13.79	110	520	6960
	11.34	121	560	6960
	10.99	140	470	6230
	8.70	161	440	5960
	7.79	180	380	5830
	7.36	190	370	5790
	6.27	223	330	5590
	5.70	246	310	5450
	4.93	264	290	5310
	4.29	326	270	5060

877 820km

i	τ_i [hr:min]	M_{max} [$M_{\odot}$]	F_{H} [N]	AD
3-stage				
785.24	7.2	620	9828	
785.59	8.4	620	9828	
785.87	9.6	620	9828	
786.19	10	620	9828	
787.42	12	620	9828	
792.99	14	620	9828	
802.97	15	620	9828	
811.80	17	620	9828	
77.24	18	620	9828	AD1
66.77	21	620	9828	
57.69	24	620	9828	
62.07	27	620	9828	
48.81	31	620	9828	
43.26	32	620	9828	
36.83	38	620	9828	
33.47	42	620	9828	
29.00	48	620	9828	
25.23	55	760	10100	
2-stage				
23.37	80	620	8878	
21.43	85	620	8258	
18.86	74	760	7882	
17.82	79	760	7828	
16.80	90	740	7380	AD3
14.68	100	720	7088	
12.33	114	660	6740	
10.88	129	660	6490	
9.64	145	630	6300	
AD4				
8.50	163	620	4110	
7.74	181	610	3940	
6.79	206	580	3850	
5.99	234	540	3980	
5.31	264	510	3980	

1558 Nm

i	α [h:min]	μ_{mean} [N:m]	F_{N} [N]	AD
2-stage				
246.54	5.7	1550	16900	AD2
216.34	0.5	1550	16900	
205.71	0.8	1550	16900	
161.17	7.7	1550	16900	
158.34	0.0	1550	16900	
142.41	9.8	1550	16900	
124.97	11	1550	16900	
118.43	12	1550	16900	
103.65	14	1550	16900	
93.36	15	1550	16900	
81.52	17	1550	16900	AD3
72.87	19	1550	16900	
63.68	22	1550	15800	
60.35	23	1550	15200	
52.82	27	1550	13500	
47.88	29	1550	16900	
41.74	34	1550	16900	
38.84	38	1550	16900	
32.66	43	1550	16900	
27.88	95	1550	15100	
2-stage				
34.40	41	1555	9490	AD5
31.40	45	1555	7820	
27.88	93	1690	15000	AD4
23.40	80	1550	13900	
21.51	05	1550	13600	
19.10	73	1440	13000	
17.06	82	1390	12000	
15.35	91	1340	12100	
13.33	105	1280	11600	
11.83	117	1230	11200	
9.90	141	1180	10400	AD6
9.14	153	1210	10500	
8.22	170	1160	10200	
7.13	196	1070	9780	
6.36	218	1020	9450	
5.36	254	818	8980	

R97-107 $n_s=1400$ r/min

AD	F_{AD} [N]	M_{AD} [N·m]	F_{AD} [N]	F_{AD} [N]	AD
3-stage					
209.74	4.8	3000	15000		
255.71	5.5	3000	16000		
241.25	6.8	3000	16000		
216.28	6.5	3000	15000		
106.30	7.5	3000	15000		
170.92	8.2	3000	15000		
160.78	9.3	3000	15000		
126.75	11	3000	15000	AD3	
116.40	12	3000	15000		
103.44	14	3000	15000		
92.48	15	3000	15000		
83.15	17	3000	15000		
72.17	19	3000	15000		
65.21	21	3000	15000		
59.02	23	3000	15000		
53.21	26	3000	15000		
2-stage					
47.58	29	3000	15000		
42.78	33	3000	15000		
37.13	38	3000	15000	AD4	
33.25	42	2000	17500		
27.58	51	2070	16000		
AD4					
32.65	44	2560	15000		
27.19	51	2560	8300		
AD5					
25.03	56	2830	15000		
22.14	63	2720	15300		
20.37	70	2610	14800		
18.24	77	2500	14400		
16.17	87	2400	13600		
14.62	98	2300	13400		
12.38	113	2180	12700		
10.83	129	2090	12100		
9.29	151	2030	12200		
8.39	167	2030	11700		
7.12	197	2000	10600		
6.21	225	1880	10500		
AD6					
5.28	289	1780	9600		
4.56	311	1630	9500		

R107 4308Nm

i	α [m/min]	M_{max} [N.m]	F_m [N]	AD
3-stage				
251.15	5.8	4300	29500	ADG
229.85	6.1	4300	29600	
205.78	6.9	4300	29600	
172.34	8.1	4300	29800	
156.68	8.8	4300	29500	
141.83	9.8	4300	29500	
127.88	10	4300	29800	
115.63	12	4300	29800	
102.53	14	4300	29500	
82.70	15	4300	29600	
78.87	18	4300	29800	ADM
72.86	19	4300	29800	
68.80	21	4300	29200	
58.41	24	4300	28000	
52.69	27	4300	26600	
47.63	29	4300	25500	
40.37	38	4300	23800	
38.26	40	4300	22400	
29.49	47	4300	20700	
2-stage				
30.77	45	4300	21100	ADM
27.58	51	4300	20100	
24.93	56	4300	19000	
22.82	62	4300	18300	
20.97	70	4300	17300	
18.21	77	4300	16600	
15.85	88	4300	15400	
13.66	102	4300	14400	
11.59	121	4300	13300	
10.13	138	4300	12400	ACG
8.58	164	4300	11300	
7.88	176	2970	13800	
6.88	210	2970	12800	
5.82	241	2970	12100	
4.82	285	2900	11300	

R47/RF37 $n_s=1400$ r/min

i	F_{H} [n/min]	M_{max} [N.m]	F_{H} [N]
13500	0.10	300	5420
12472	0.10	300	5420
19019	0.13	300	5420
9185	0.18	300	5420
6934	0.18	300	5420
7480	0.18	300	5420
6883	0.26	300	5420
6973	0.27	300	5420
5624	0.28	300	5420
4849	0.28	300	5420
4320	0.31	300	5420
3801	0.38	300	5420
3794	0.38	300	5420
3288	0.43	300	5420
2088	0.48	300	5420
2650	0.48	300	5420
2625	0.53	300	5420
2080	0.54	300	5420
2483	0.57	300	5420
1821	0.77	300	5420
2245	0.62	300	5420
2029	0.68	300	5420
1945	0.72	300	5420
1670	0.77	300	5420
1749	0.80	300	5420
1630	0.88	300	5420
1873	0.89	300	5420
1425	0.98	300	5420
1238	1.0	300	5420
1193	1.2	300	5420
1179	1.2	300	5420
1074	1.3	300	5420
1024	1.4	300	5420
956	1.5	300	5420
827	1.5	300	5420
863	1.6	300	5420
804	1.7	300	5420
755	1.9	300	5420
708	2.0	300	5420
673	2.1	300	5420
672	2.2	300	5420
573	2.4	300	5420
554	2.5	300	5420
546	2.6	300	5420
510	2.7	300	5420
502	2.8	300	5420
471	3.0	300	5420
459	3.2	300	5420
439	3.3	300	5420
408	3.4	300	5420
372	3.8	300	5420
348	4.0	300	5420
334	4.1	300	5420
301	4.7	300	5420
286	4.8	300	5420
228	6.1	300	5420
196	7.2	300	5420
182	7.7	300	5420
154	9.1	300	5420
126	11	300	5420
109	13	300	5420
88	14	300	5420



R137/147/167 $n_2=1400$ r/min

R137					R147					R167						
8000N.m					13000N.m					18000N.m						
i	n_2 [r/min]	M_{max} [N.m]	F_{t1} [N]	AD	i	n_2 [r/min]	M_{max} [N.m]	F_{t1} [N]	AD	i	n_2 [r/min]	M_{max} [N.m]	F_{t1} [N]	AD		
3-stage					3-stage					3-stage						
222.6	6.3	8000	53400	AD4	163.31	8.6	13000	82700	AD4	229.71	8.1	18000	120000	AD5		
188.45	7.4	8000	53400		148.91	9.5	13000	82700		166.93	7.5	18000	120000			
174.4	8	8000	53400		119.86	12	13000	82700		153.07	9.1	18000	120000			
156.31	9	8000	53400		106.31	13	13000	82700		139.98	10	18000	120000			
141.12	9.9	8000	53400	AD4	94.6	15	13000	82700	AD5	121.81	11	18000	120000	AD6		
128.18	11	8000	53400		83.47	17	13000	82700		107.49	13	18000	120000			
113.72	12	8000	53400		2-stage					93.19	15	18000	120000			
103.2	14	8000	53400		72.09	19	13000	82700		82.91	17	18000	120000			
88.7	16	8000	53400	AD5	66.99	21	13000	82700	AD6	73.70	19	18000	120000	AD7		
80.91	17	8000	53400		61.09	23	13000	82700		67.43	21	18000	120000			
73.49	19	8000	53400		46.85	30	13000	82700		58.85	24	18000	120000			
65.2	21	8000	53400		2-stage					51.76	27	18000	120000			
58.17	24	8000	53400	AD6	40.29	35	13000	82700	AD7	44.87	31	18000	120000	AD8		
50.86	26	8000	53400		36.84	39	13000	82700		39.82	35	18000	120000			
44.39	32	8000	53400		29.95	47	13000	82700		34.41	41	18000	120000			
37.65	37	8000	53400		24.19	58	11900	84700	AD7	27.98	50	18000	120000	AD8		
32.91	43	8000	53400	AD5	2-stage					23.71	59	18000	120000			
27.63	50	7680	54100		20.44	68	12000	84900		2-stage						
2-stage					18.04	78	10500	87000	AD6	18.04	78	10500	87000	AD6		
29.57	47	7780	53900	AD6	16.84	90	13000	82700		16.84	90	13000	82700			
24.12	56	8000	49400		13.91	107	12600	83400		13.91	107	12600	83400			
22.00	64	8000	47100		11.99	117	13000	80400		11.99	117	13000	80400			
19.04	74	8000	43500	AD7	9.74	144	13000	54400	AD6	9.74	144	13000	54400	AD6		
18.80	83	8000	40900		8.20	169	13000	49900		8.20	169	13000	49900			
14.51	96	8000	37300		7.25	193	8670	58400		7.25	193	8670	58400			
12.83	109	8000	34700		5.99	238	8670	53200		5.99	238	8670	53200			
10.79	130	8000	31100	AD7	5.59	280	8670	49300	AD6	14.48	97	18000	93800	AD7		
8.71	161	7840	27600		2-stage					11.99	117	17000	85700		AD8	
7.59	184	5110	26000		10.24	137	17000	82500		10.24	137	17000	82500			
6.36	219	6110	35900		2-stage					4.54	311	450	7100		AD8	
5.16	272	4890	34500		4.10	344	450	7100		4.10	344	450	7100			
					3.99	359	450	7100		3.99	359	450	7100			
					3.87	379	450	7100		3.87	379	450	7100			
					3.74	399	450	7100	AD6	3.74	399	450	7100	AD6		
					3.62	419	450	7100		3.62	419	450	7100			
					3.50	439	450	7100		3.50	439	450	7100			
					3.38	459	450	7100		3.38	459	450	7100			
					3.26	479	450	7100	AD6	3.26	479	450	7100	AD6		
					3.14	499	450	7100		3.14	499	450	7100			
					3.02	519	450	7100		3.02	519	450	7100			
					2.90	539	450	7100		2.90	539	450	7100			
					2.78	559	450	7100	AD6	2.78	559	450	7100	AD6		
					2.66	579	450	7100		2.66	579	450	7100			
					2.54	599	450	7100		2.54	599	450	7100			
					2.42	619	450	7100		2.42	619	450	7100			
					2.30	639	450	7100	AD6	2.30	639	450	7100	AD6		
					2.18	659	450	7100		2.18	659	450	7100			
					2.06	679	450	7100		2.06	679	450	7100			
					1.94	699	450	7100		1.94	699	450	7100			
					1.82	719	450	7100	AD6	1.82	719	450	7100	AD6		
					1.70	739	450	7100		1.70	739	450	7100			
					1.58	759	450	7100		1.58	759	450	7100			
					1.46	779	450	7100		1.46	779	450	7100			
					1.34	799	450	7100	AD6	1.34	799	450	7100	AD6		
					1.22	819	450	7100		1.22	819	450	7100			
					1.10	839	450	7100		1.10	839	450	7100			
					1.08	859	450	7100		1.08	859	450	7100			
					1.06	879	450	7100	AD6	1.06	879	450	7100	AD6		
					1.04	899	450	7100		1.04	899	450	7100			
					1.02	919	450	7100		1.02	919	450	7100			
					1.00	939	450	7100		1.00	939	450	7100			
					0.98	959	450	7100	AD6	0.98	959	450	7100	AD6		
					0.96	979	450	7100		0.96	979	450	7100			
					0.94	999	450	7100		0.94	999	450	7100			
					0.92	1019	450	7100		0.92	1019	450	7100			
					0.90	1039	450	7100	AD6	0.90	1039	450	7100	AD6		
					0.88	1059	450	7100		0.88	1059	450	7100			
					0.86	1079	450	7100		0.86	1079	450	7100			
					0.84	1099	450	7100		0.84	1099	450	7100			
					0.82	1119	450	7100	AD6	0.82	1119	450	7100	AD6		
					0.80	1139	450	7100		0.80	1139	450	7100			
					0.78	1159	450	7100		0.78	1159	450	7100			
					0.76	1179	450	7100		0.76	1179	450	7100			
					0.74	1199	450	7100	AD6	0.74	1199	450	7100	AD6		
					0.72	1219	450	7100		0.72	1219	450	7100			
					0.70	1239	450	7100		0.70	1239	450	7100			
					0.68	1259	450	7100		0.68	1259	450	7100			
					0.66	1279	450	7100	AD6	0.66	1279	450	7100	AD6		
					0.64	1299	450	7100		0.64	1299	450	7100			
					0.62	1319	450	7100		0.62	1319	450	7100			
					0.60	1339	450	7100		0.60	1339	450	7100			



R87/R7/R57_R107/R77

$n_1=1400$ r/min

R87/R57				3000N			
i	η_s [%]	M_{out} [N.m]	F_{in} [N]	i	η_s [%]	M_{out} [N.m]	F_{in} [N]
17452	0.89	1550	18900	21768	0.06	3000	10800
15370	0.89	1550	18900	18332	0.07	3000	10800
13613	0.90	1550	18900	17236	0.08	3000	10800
12028	0.12	1600	18900	14998	0.08	3000	10800
10549	0.13	1600	18900	13128	0.11	3000	10800
9244	0.15	1650	18900	11158	0.13	3000	10800
8109	0.17	1550	18900	10038	0.14	3000	10800
7136	0.20	1550	18900	8768	0.16	3000	10800
6174	0.23	1650	18900	7692	0.18	3000	10800
5448	0.26	1600	18900	6758	0.21	3000	10800
4821	0.29	1600	18900	5931	0.24	3000	10800
4296	0.32	1550	18900	5161	0.27	3000	10800
3820	0.35	1550	18900	4578	0.30	3000	10800
3344	0.37	1550	18900	4059	0.31	3000	10800
3003	0.39	1600	18900	3589	0.32	3000	10800
2673	0.43	1600	18900	3162	0.36	3000	10800
2362	0.44	1600	18900	2762	0.38	3000	10800
2073	0.49	1550	18900	2481	0.40	3000	10800
1770	0.51	1550	18900	2065	0.46	3000	10800
1595	0.54	1550	18900	3019	0.46	3000	10800
1418	0.56	1600	18900	2722	0.61	3000	10800
1239	0.63	1600	18900	2688	0.62	3000	10800
1129	0.68	1600	18900	2311	0.61	3000	10800
1001	0.71	1550	18900	2245	0.62	3000	10800
880	0.73	1550	18900	2078	0.67	3000	10800
7737	0.81	1550	18900	2018	0.69	3000	10800
1733	0.81	1600	18900	1823	0.77	3000	10800
1524	0.82	1600	18900	1723	0.82	3000	10800
1409	0.84	1550	18900	1623	0.88	3000	10800
1295	0.16	1550	18900	1543	0.88	3000	10800
1203	0.11	1550	18900	1434	0.98	3000	10800
1132	0.11	1550	18900	1396	1.0	3000	10800
1048	1.2	1600	18900	1228	1.1	3000	10800
1043	1.2	1600	18900	1207	1.2	3000	10800
1037	1.4	1550	18900	1084	1.3	3000	10800
1008	1.4	1550	18900	1069	1.3	3000	10800
964	1.4	1550	18900	930	1.5	3000	10800
931	1.5	1550	18900	834	1.5	3000	10800
888	1.6	1550	18900	876	1.6	3000	10800
881	1.6	1600	18900	824	1.7	3000	10800
802	1.7	1550	18900	756	1.8	3000	10800
774	1.8	1550	18900	737	1.8	3000	10800
718	1.9	1550	18900	632	2.2	3000	10800
688	2.0	1550	18900	625	2.2	3000	10800
649	2.2	1600	18900	580	2.6	3000	10800
588	2.3	1600	18900	549	2.6	3000	10800
566	2.4	1550	18900	484	2.9	3000	10800
538	2.6	1550	18900	486	3.1	3000	10800
525	2.7	1550	18900	431	3.2	3000	10800
472	3.0	1550	18900	420	3.3	3000	10800
456	3.1	1600	18900	379	3.7	3000	10800
405	3.3	1600	18900	370	3.8	3000	10800
368	3.5	1550	18900	349	4.0	3000	10800
361	3.9	1550	18900	336	4.2	3000	10800
352	4.0	1550	18900	317	7	3000	10800
305	4.6	1550	18900	296	4.7	3000	10800
303	4.7	1600	18900	270	5.2	3000	10800
268	5.2	1600	18900	249	5.6	3000	10800
234	5.5	1550	18900	234	5.5	3000	10800
236	5.9	1550	18900	227	6.2	3000	10800
232	6.0	1550	18900	209	6.7	3000	10800
232	6.0	1550	18900	249	5.6	3000	10800
208	6.7	1600	18900				
188	7.3	1600	18900				

R137/R147/R77

$n_1=1400$ r/min

R137/R77				6000N			
i	η_s [%]	M_{out} [N.m]	F_{in} [N]	i	η_s [%]	M_{out} [N.m]	F_{in} [N]
22203	0.06	6000	20400	22907	0.08	6000	20700
19849	0.08	6000	20400	21300	0.07	6000	20700
16988	0.08	6000	20400	18210	0.08	6000	20700
14777	0.09	6000	20400	15869	0.08	6000	20700
13001	0.11	6000	20400	14075	0.10	6000	20700
11719	0.12	6000	20400	12504	0.11	6000	20700
10673	0.13	6000	20400	11140	0.13	6000	20700
9784	0.16	6000	20400	10003	0.14	6000	20700
7478	0.19	6000	20400	8943	0.17	6000	20700
6999	0.21	6000	20400	7907	0.18	6000	20700
6684	0.24	6000	20400	6947	0.20	6000	20700
6146	0.27	6000	20400	5988	0.23	6000	20700
4768	0.30	6000	20400	5028	0.26	6000	20700
4464	0.31	6000	20400	4526	0.30	6000	20700
4078	0.35	6000	20400	3744	0.37	6000	20700
3688	0.36	6000	20400	3300	0.40	6000	20700
3314	0.40	6000	20400	2886	0.48	6000	20700
3454	0.41	6000	20400	2500	0.50	6000	20700
3338	0.47	6000	20400	2011	0.63	6000	20700
3053	0.47	6000	20400	1961	0.70	6000	20700
2803	0.48	6000	20400	1795	0.80	6000	20700
2688	0.52	6000	20400	1559	0.87	6000	20700
2484	0.58	6000	20400	1329	1.1	6000	20700
2412	0.58	6000	20400	1186	1.2	6000	20700
2342	0.62	6000	20400	1020	1.4	6000	20700
2073	0.66	6000	20400	969	1.6	6000	20700
1963	0.75	6000	20400	794	1.8	6000	20700
1826	0.75	6000	20400	680	2.0	6000	20700
1688	0.86	6000	20400	619	2.3	6000	20700
1587	0.86	6000	20400	586	2.6	6000	20700
1506	1.1	6000	20400	486	3.0	6000	20700
1328	1.1	6000	20400	405	3.4	6000	20700
1193	1.3	6000	20400				
1098	1.3	6000	20400				
1043	1.3	6000	20400				
914	1.8	6000	20400				
888	1.8	6000	20400				
831	1.7	6000	20400				
730	1.8	6000	20400				
650	2.0	6000	20400				
628	2.3	6000	20400				
608	2.3	6000	20400				
584	2.6	6000	20400				
565	2.7	6000	20400				
517	2.7	6000	20400				
488	2.9	6000	20400				
469	3.1	6000	20400				
438	3.5	6000	20400				
381	3.7	6000	20400				
339	4.1	6000	20400				
333	4.3	6000	20400				
287	4.7	6000	20400				
291	4.8	6000	20400				
268	5.0	6000	20400				
233	6.3	6000	20400				
187	7.1	6000	20400				
176	8.0	6000	20400				



R147/RF67,R167/RF97,R167/RF107

 $n_1=1400 \text{ r/min}$

R147/RF67 13000Nm			
i	n_2 [r/min]	M_{max} [N.m]	F_{R1} [N]
655	2.8	13000	62769
492	3.3	13000	62769
436	3.3	13000	62769
388	3.8	13000	62769
336	4.2	13000	62769
282	5.0	13000	62769
247	5.7	13000	62769
214	6.5	13000	62769
186	7.4	13000	62769
159	8.8	13000	62769

R167/RF97 18000Nm			
i	n_2 [r/min]	M_{max} [N.m]	F_{R1} [N]
2769	0.48	18000	130000
2046	0.66	18000	130000
1892	0.67	18000	130000
1781	0.68	18000	130000
1646	0.69	18000	130000
1481	0.70	18000	130000
1312	0.72	18000	130000
1159	0.75	18000	130000
1021	0.78	18000	130000
914	0.79	18000	130000
824	0.80	18000	130000
746	0.82	18000	130000
677	0.83	18000	130000
617	0.86	18000	130000
565	0.88	18000	130000
519	0.91	18000	130000
478	0.94	18000	130000
442	0.98	18000	130000
410	1.01	18000	130000
382	1.06	18000	130000
358	1.10	18000	130000
337	1.15	18000	130000
318	1.20	18000	130000
299	1.26	18000	130000
282	1.31	18000	130000
267	1.37	18000	130000
253	1.43	18000	130000
240	1.49	18000	130000
228	1.57	18000	130000
217	1.65	18000	130000
207	1.74	18000	130000
198	1.83	18000	130000
189	1.93	18000	130000
182	2.03	18000	130000
175	2.13	18000	130000
168	2.24	18000	130000
162	2.35	18000	130000
156	2.46	18000	130000
150	2.58	18000	130000
145	2.70	18000	130000
140	2.82	18000	130000
135	2.95	18000	130000
130	3.08	18000	130000
126	3.21	18000	130000
122	3.35	18000	130000
118	3.49	18000	130000
114	3.64	18000	130000
110	3.79	18000	130000
107	3.94	18000	130000
104	4.10	18000	130000
101	4.26	18000	130000
98	4.42	18000	130000
95	4.59	18000	130000
92	4.76	18000	130000
90	4.93	18000	130000
87	5.11	18000	130000
85	5.29	18000	130000
82	5.47	18000	130000
80	5.65	18000	130000
78	5.83	18000	130000
76	6.02	18000	130000
74	6.21	18000	130000
72	6.40	18000	130000
70	6.60	18000	130000
68	6.80	18000	130000
66	7.00	18000	130000
64	7.21	18000	130000
62	7.42	18000	130000
60	7.64	18000	130000
58	7.86	18000	130000
56	8.09	18000	130000
54	8.32	18000	130000
52	8.55	18000	130000
50	8.79	18000	130000
48	9.03	18000	130000
46	9.27	18000	130000
44	9.52	18000	130000
42	9.77	18000	130000
40	10.03	18000	130000
38	10.29	18000	130000
36	10.56	18000	130000
34	10.83	18000	130000
32	11.11	18000	130000
30	11.40	18000	130000
28	11.69	18000	130000
26	11.99	18000	130000
24	12.30	18000	130000
22	12.61	18000	130000
20	12.93	18000	130000
18	13.25	18000	130000
16	13.58	18000	130000
14	13.91	18000	130000
12	14.25	18000	130000
10	14.59	18000	130000
8	14.94	18000	130000
6	15.29	18000	130000
4	15.64	18000	130000
3	15.99	18000	130000
2	16.34	18000	130000
1	16.69	18000	130000

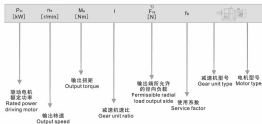
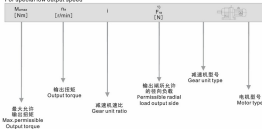
R167/RF107 18000Nm			
i	n_2 [r/min]	M_{max} [N.m]	F_{R1} [N]
3637	0.38	18000	130000
3336	0.42	18000	130000
3157	0.43	18000	130000
2938	0.47	18000	130000
2788	0.49	18000	130000
2608	0.58	18000	130000
2449	0.70	18000	130000
2274	0.84	18000	130000
2105	0.94	18000	130000
1942	1.0	18000	130000
1789	1.1	18000	130000
1711	1.2	18000	130000
160	1.6	18000	130000
160	1.6	18000	130000
763	1.8	18000	130000
695	2.0	18000	130000
589	2.4	18000	130000
511	2.7	18000	130000
446	3.1	18000	130000
388	3.6	18000	130000
361	3.9	18000	130000
349	4.0	18000	130000
328	4.3	18000	130000
286	4.7	18000	130000
261	4.8	18000	130000
276	5.0	18000	130000
264	5.3	18000	130000
239	6.1	18000	130000
227	6.3	18000	130000
206	7.0	18000	130000
188	7.1	18000	130000
169	8.0	18000	130000
168	8.0	18000	130000

5.4 选型表注释

5.4 Selection table

选型表的结构

Selection table for gear motors

对于特殊低输出转速
For special low output speed

案例 Cases

※也可用于F5xx电机。 ※ F5xx motor also applicable.

1) 实心轴或带安装基减速机的径向负载

1) Radial load specified for foot-mounted gear unit with solid shaft

注意: Notice:

对于特殊低输出转速(多级减速机), 电机功率必须与减速机的最大允许输出转矩相对应。
 In drives for particularly low output speeds (multi-stage gear motor), the motor power must be limited according to maximum permitted output torque of the gear unit.



输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	效率 Efficiency η ₂ [%]	机座号 Model
0.12kW					
0.88	14300	21342	0.060	0.98	R4100RTT/0.060/0.12kW-4
0.88	12890	19218	0.050	1.28	
0.88	10300	15820	0.040	1.28	R4100RTT/0.040/0.12kW-4
0.10	8440	14076	0.030	1.40	
0.11	7830	12344	0.020	1.70	R4100RTT/0.020/0.12kW-4
0.12	6780	11143	0.015	1.80	
0.14	5920	9143	0.010	2.2	R4100RTT/0.010/0.12kW-4
0.16	4880	8442	0.008	2.4	
0.18	4260	7367	0.006	2.8	R4100RTT/0.006/0.12kW-4
0.21	3780	6447	0.004	3.2	
0.24	3270	5588	0.003	4.0	R4100RTT/0.003/0.12kW-4
0.28	2800	4780	0.002	4.8	
0.31	2400	4100	0.001	5.6	R4100RTT/0.001/0.12kW-4
0.36	2000	3400	0.001	6.4	
0.40	1800	3000	0.001	7.2	R4100RTT/0.001/0.12kW-4
0.45	1600	2600	0.001	8.0	
0.50	1400	2200	0.001	8.8	R4100RTT/0.001/0.12kW-4
0.56	1200	1800	0.001	9.6	
0.63	1000	1400	0.001	10.4	R4100RTT/0.001/0.12kW-4
0.71	800	1000	0.001	11.2	
0.80	600	800	0.001	12.0	R4100RTT/0.001/0.12kW-4
0.90	400	600	0.001	12.8	
1.00	300	400	0.001	13.6	R4100RTT/0.001/0.12kW-4
1.12	200	300	0.001	14.4	
1.25	150	200	0.001	15.2	R4100RTT/0.001/0.12kW-4
1.40	100	150	0.001	16.0	
1.60	70	100	0.001	16.8	R4100RTT/0.001/0.12kW-4
1.80	50	70	0.001	17.6	
2.00	40	50	0.001	18.4	R4100RTT/0.001/0.12kW-4
2.24	30	40	0.001	19.2	
2.50	20	30	0.001	20.0	R4100RTT/0.001/0.12kW-4
2.80	15	20	0.001	20.8	
3.15	10	15	0.001	21.6	R4100RTT/0.001/0.12kW-4
3.60	8	10	0.001	22.4	
4.00	6	8	0.001	23.2	R4100RTT/0.001/0.12kW-4
4.50	5	6	0.001	24.0	
5.00	4	5	0.001	24.8	R4100RTT/0.001/0.12kW-4
5.60	3	4	0.001	25.6	
6.30	2	3	0.001	26.4	R4100RTT/0.001/0.12kW-4
7.10	1	2	0.001	27.2	
8.00	1	1	0.001	28.0	R4100RTT/0.001/0.12kW-4
9.00	1	1	0.001	28.8	
10.00	1	1	0.001	29.6	R4100RTT/0.001/0.12kW-4
11.20	1	1	0.001	30.4	
12.50	1	1	0.001	31.2	R4100RTT/0.001/0.12kW-4
14.00	1	1	0.001	32.0	
16.00	1	1	0.001	32.8	R4100RTT/0.001/0.12kW-4
18.00	1	1	0.001	33.6	
20.00	1	1	0.001	34.4	R4100RTT/0.001/0.12kW-4
22.40	1	1	0.001	35.2	
25.00	1	1	0.001	36.0	R4100RTT/0.001/0.12kW-4
28.00	1	1	0.001	36.8	
31.50	1	1	0.001	37.6	R4100RTT/0.001/0.12kW-4
36.00	1	1	0.001	38.4	
40.00	1	1	0.001	39.2	R4100RTT/0.001/0.12kW-4
45.00	1	1	0.001	40.0	
50.00	1	1	0.001	40.8	R4100RTT/0.001/0.12kW-4
56.00	1	1	0.001	41.6	
63.00	1	1	0.001	42.4	R4100RTT/0.001/0.12kW-4
71.00	1	1	0.001	43.2	
80.00	1	1	0.001	44.0	R4100RTT/0.001/0.12kW-4
90.00	1	1	0.001	44.8	
100.00	1	1	0.001	45.6	R4100RTT/0.001/0.12kW-4
112.00	1	1	0.001	46.4	
125.00	1	1	0.001	47.2	R4100RTT/0.001/0.12kW-4
140.00	1	1	0.001	48.0	
160.00	1	1	0.001	48.8	R4100RTT/0.001/0.12kW-4
180.00	1	1	0.001	49.6	
200.00	1	1	0.001	50.4	R4100RTT/0.001/0.12kW-4
224.00	1	1	0.001	51.2	
250.00	1	1	0.001	52.0	R4100RTT/0.001/0.12kW-4
280.00	1	1	0.001	52.8	
315.00	1	1	0.001	53.6	R4100RTT/0.001/0.12kW-4
360.00	1	1	0.001	54.4	
400.00	1	1	0.001	55.2	R4100RTT/0.001/0.12kW-4
450.00	1	1	0.001	56.0	
500.00	1	1	0.001	56.8	R4100RTT/0.001/0.12kW-4
560.00	1	1	0.001	57.6	
630.00	1	1	0.001	58.4	R4100RTT/0.001/0.12kW-4
710.00	1	1	0.001	59.2	
800.00	1	1	0.001	60.0	R4100RTT/0.001/0.12kW-4
900.00	1	1	0.001	60.8	
1000.00	1	1	0.001	61.6	R4100RTT/0.001/0.12kW-4
1120.00	1	1	0.001	62.4	
1250.00	1	1	0.001	63.2	R4100RTT/0.001/0.12kW-4
1400.00	1	1	0.001	64.0	
1600.00	1	1	0.001	64.8	R4100RTT/0.001/0.12kW-4
1800.00	1	1	0.001	65.6	
2000.00	1	1	0.001	66.4	R4100RTT/0.001/0.12kW-4
2240.00	1	1	0.001	67.2	
2500.00	1	1	0.001	68.0	R4100RTT/0.001/0.12kW-4
2800.00	1	1	0.001	68.8	
3150.00	1	1	0.001	69.6	R4100RTT/0.001/0.12kW-4
3600.00	1	1	0.001	70.4	
4000.00	1	1	0.001	71.2	R4100RTT/0.001/0.12kW-4
4500.00	1	1	0.001	72.0	
5000.00	1	1	0.001	72.8	R4100RTT/0.001/0.12kW-4
5600.00	1	1	0.001	73.6	
6300.00	1	1	0.001	74.4	R4100RTT/0.001/0.12kW-4
7100.00	1	1	0.001	75.2	
8000.00	1	1	0.001	76.0	R4100RTT/0.001/0.12kW-4
9000.00	1	1	0.001	76.8	
10000.00	1	1	0.001	77.6	R4100RTT/0.001/0.12kW-4
11200.00	1	1	0.001	78.4	
12500.00	1	1	0.001	79.2	R4100RTT/0.001/0.12kW-4
14000.00	1	1	0.001	80.0	
16000.00	1	1	0.001	80.8	R4100RTT/0.001/0.12kW-4
18000.00	1	1	0.001	81.6	
20000.00	1	1	0.001	82.4	R4100RTT/0.001/0.12kW-4
22400.00	1	1	0.001	83.2	
25000.00	1	1	0.001	84.0	R4100RTT/0.001/0.12kW-4
28000.00	1	1	0.001	84.8	
31500.00	1	1	0.001	85.6	R4100RTT/0.001/0.12kW-4
36000.00	1	1	0.001	86.4	
40000.00	1	1	0.001	87.2	R4100RTT/0.001/0.12kW-4
45000.00	1	1	0.001	88.0	
50000.00	1	1	0.001	88.8	R4100RTT/0.001/0.12kW-4
56000.00	1	1	0.001	89.6	
63000.00	1	1	0.001	90.4	R4100RTT/0.001/0.12kW-4
71000.00	1	1	0.001	91.2	
80000.00	1	1	0.001	92.0	R4100RTT/0.001/0.12kW-4
90000.00	1	1	0.001	92.8	
100000.00	1	1	0.001	93.6	R4100RTT/0.001/0.12kW-4
112000.00	1	1	0.001	94.4	
125000.00	1	1	0.001	95.2	R4100RTT/0.001/0.12kW-4
140000.00	1	1	0.001	96.0	
160000.00	1	1	0.001	96.8	R4100RTT/0.001/0.12kW-4
180000.00	1	1	0.001	97.6	
200000.00	1	1	0.001	98.4	R4100RTT/0.001/0.12kW-4
224000.00	1	1	0.001	99.2	
250000.00	1	1	0.001	100.0	R4100RTT/0.001/0.12kW-4
280000.00	1	1	0.001	100.8	
315000.00	1	1	0.001	101.6	R4100RTT/0.001/0.12kW-4
360000.00	1	1	0.001	102.4	
400000.00	1	1	0.001	103.2	R4100RTT/0.001/0.12kW-4
450000.00	1	1	0.001	104.0	
500000.00	1	1	0.001	104.8	R4100RTT/0.001/0.12kW-4
560000.00	1	1	0.001	105.6	
630000.00	1	1	0.001	106.4	R4100RTT/0.001/0.12kW-4
710000.00	1	1	0.001	107.2	
800000.00	1	1	0.001	108.0	R4100RTT/0.001/0.12kW-4
900000.00	1	1	0.001	108.8	
1000000.00	1	1	0.001	109.6	R4100RTT/0.001/0.12kW-4
1120000.00	1	1	0.001	110.4	
1250000.00	1	1	0.001	111.2	R4100RTT/0.001/0.12kW-4
1400000.00	1	1	0.001	112.0	
1600000.00	1	1	0.001	112.8	R4100RTT/0.001/0.12kW-4
1800000.00	1	1	0.001	113.6	
2000000.00	1	1	0.001	114.4	R4100RTT/0.001/0.12kW-4
2240000.00	1	1	0.001	115.2	
2500000.00	1	1	0.001	116.0	R4100RTT/0.001/0.12kW-4
2800000.00	1	1	0.001	116.8	
3150000.00	1	1	0.001	117.6	R4100RTT/0.001/0.12kW-4
3600000.00	1	1	0.001	118.4	
4000000.00	1	1	0.001	119.2	R4100RTT/0.001/0.12kW-4
4500000.00	1	1	0.001	120.0	
5000000.00	1	1	0.001	120.8	R4100RTT/0.001/0.12kW-4
5600000.00	1	1	0.001	121.6	
6300000.00	1	1	0.001	122.4	R4100RTT/0.001/0.12kW-4
7100000.00	1	1	0.001	123.2	
8000000.00	1	1	0.001	124.0	R4100RTT/0.001/0.12kW-4
9000000.00	1	1	0.001	124.8	
10000000.00	1	1	0.001	125.6	R4100RTT/0.001/0.12kW-4



输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 输入功率 Rated input power P ₁ [kW]	额定 输出 功率 Rated output power P ₂ [kW]	机座号 Frame No.	输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 输入功率 Rated input power P ₁ [kW]	额定 输出 功率 Rated output power P ₂ [kW]	机座号 Frame No.
0.18kW											
2.0	605	5/4	1/40	0.95		2.1	245	188.89	7/70	1.85	
2.1	945	480	8/100	1.10		2.7	238	172.17	7/10	2.0	
2.2	435	480	1/10	1.40	RF 17/17/22/1000-4	8.0	105	162.82	7/10	2.3	
2.4	418	288	8/30	1.40	RF 17/17/22/1000-4	18	108	128.77	7/10	2.7	
2.6	340	344	8/170	1.60		19	157	126.83	7/10	2.8	R 27/1000-4
2.8	119	264	1/10	1.60		12	138	126.58	7/10	3.2	RF 27/1000-4
3.1	399	261	9/90	2.1		13	129	88.99	7/10	3.8	
3.2	430	434	6/110	3.80	RF 17/17/22/1000-4	16	117	88.71	7/10	3.8	
3.3	445	410	7/130	3.80	RF 17/17/22/1000-4	7.5	258	176.85	5/40	1.30	
3.6	529	471	6/90	5.85		9.1	218	152.84	5/10	1.40	
3.9	317	317	1/10	5.85		9.4	162	128.99	5/10	1.85	
4.1	340	319	7/90	7.30	RF 17/17/22/1000-4	11	168	121.87	5/10	1.80	
4.6	230	273	7/60	1.88	RF 17/17/22/1000-4	12	148	114.17	5/10	2.0	R 47/1000-4
5.0	245	241	7/90	1.78		14	122	93.86	5/10	2.3	RF 47/1000-4
8.1	225	215	7/60	2.6		13	151	136.86	5/10	2.5	
8.7	405	399	3/30	1.10		18	111	84.86	5/10	2.7	
9.1	405	334	3/30	1.25		19	111	84.86	5/10	2.7	
9.6	405	334	3/30	1.40		20	111	84.86	5/10	2.7	
10.0	395	361	3/30	1.55	RF 17/17/22/1000-4	27	89	78.33	5/10	3.0	
10.5	375	341	3/30	1.70	RF 17/17/22/1000-4	7.0	245	123.80	3/60	0.80	
12.0	220	189	5/40	2.2		8.3	218	138.28	3/60	0.85	R 37/1000-4
8.0	172	159	7/90	2.8		9.6	178	65.77	5/10	1.10	RF 37/1000-4
4.4	335	351	4/180	0.90		19	107	84.81	5/10	1.20	
5.2	355	355	4/180	1.05	RF 17/17/22/1000-4	9.6	178	134.82	5/10	1.15	
5.8	355	338	3/60	1.20	RF 17/17/22/1000-4	11	165	123.65	5/10	1.25	
6.8	310	180	5/10	1.40		13	127	135.28	5/10	1.45	
4.8	388	183.24	1/300	2.1	RTT 1000L 1800-4	18	110	84.81	5/10	1.70	
5.2	335	165.58	1/300	2.6	RF 17/1000-4	18	110	84.81	5/10	1.80	R 37/1000-4
8.0	230	143.87	1/300	2.8	R 37/1000-4	18	95	73.96	5/10	2.1	RF 37/1000-4
8.1	178	138.38	1/300	3.8		19	90	68.33	5/10	2.2	
7.2	240	121.42	1/300	3.4		22	80	61.16	5/10	2.5	
7.8	358	183.24	1/300	3.2	R 37/1000-4	24	73	55.76	5/10	2.8	
7.9	218	168.88	1/300	3.8	RF 37/1000-4	27	83	48.38	5/10	3.2	
8.1	190	141.87	1/300	4.3							
8.6	158	138.38	1/300	4.6							
3.25kW											
4.3	585	195.81	3/370	1.58		0.13	15000	8743	58720	8.85	
4.7	565	194.87	3/360	1.65		0.18	12790	8443	63280	1.80	
5.0	570	158.14	3/360	1.90		0.18	11600	7367	66380	1.20	
6.3	270	137.87	1/800	2.2		0.29	9708	6447	68290	1.35	
6.8	256	126.87	1/810	2.3	R 47/1000-4	0.33	8938	5568	69990	1.55	RF 47/1000-4
6.9	235	113.94	1/820	2.7	RF 47/1000-4	0.38	7328	4938	73880	1.75	RF 47/1000-4
8.2	210	105.83	1/820	2.9	RF 47/1000-4	0.38	6843	4328	71880	1.80	
9.1	180	95.81	1/820	3.2		0.58	5738	3734	72480	3.2	
10	170	88.11	1/820	3.8		0.59	4896	3362	73090	2.6	
12	147	74.17	1/840	4.3		0.65	4556	2899	73280	3.0	
12	139	68.75	1/840	4.1							
6.8	280	199.81	1/810	2.3		0.22	9690	5034	57080	1.90	
7.2	240	194.87	1/810	2.5		0.25	7660	5190	53180	1.60	RTT 1000L 1800-4
8.4	285	156.14	1/820	2.9		0.39	6720	4464	56980	1.30	RF 13/1000-4
9.6	178	137.87	1/820	3.2		0.33	5815	3928	57280	1.35	
10	168	128.87	1/820	3.8		0.38	7600	4789	64280	1.58	
12	148	113.94	1/840	4.3	RF 47/1000-4	0.32	6440	4018	66380	1.35	RF 47/1000-4
12	148	113.94	1/840	4.3		0.57	5690	3514	57080	1.45	
12	138	105.83	1/840	4.3		0.58	5290	3359	58090	1.50	
12	138	105.83	1/840	4.3		0.77	4810	2929	58980	1.75	
4.7	570	196.89	7/420	1.28		0.49	4909	2998	59480	1.80	RTT 1000L 1800-4
5.1	540	172.17	7/510	1.38	R 47/1000-4	0.44	3719	2412	66680	1.60	RF 13/1000-4
5.9	280	167.82	7/680	1.58	RF 47/1000-4	0.83	3188	2073	68280	2.8	
6.8	285	128.77	7/140	1.78		0.81	3188	1989	68580	2.8	
7.2	240	126.83	7/190	1.98		0.83	3188	1987	68580	2.8	
						5.1	1650	1226	87090	4.3	

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 输入功率 Rated input power P ₁ [kW]	额定 输出 功率 Rated output power P ₂ [kW]	机座号 Frame No.	输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 输入功率 Rated input power P ₁ [kW]	额定 输出 功率 Rated output power P ₂ [kW]	机座号 Frame No.
0.25kW						0.25kW					
0.43	4870	9099	27300	0.38	RF 17/17/22/1000-4 RF 17/17/22/1000-4	3.4	630	284	7220	0.85	
0.85	3232	1887	34820	1.80		3.9	585	269	7120	1.05	
0.71	2748	1627	35700	1.55		4.2	505	210	6580	1.30	RF 17/17/22/1000-4
0.81	2378	1589	36300	1.80		4.6	428	264	6180	1.40	RF 17/17/22/1000-4
0.83	2706	1480	36700	2.8	RF 17/17/22/1000-4	5.5	373	239	5840	1.80	
1.1	1812	1206	37800	2.4	RF 17/17/22/1000-4	6.5	359	201	5780	1.90	
1.4	1418	939	37300	3.8		7.2	390	181	5640	2.1	
1.6	1228	822	37400	3.8		4.1	506	310	6580	0.80	
0.84	3768	2016	12400	0.85		4.6	425	275	7200	1.05	
0.75	2708	1733	22500	1.10	R 47/1000-4 RF 47/1000-4	6.4	375	241	7410	1.30	
0.80	2598	1623	23600	1.15		6.1	358	248	7540	1.35	
0.71	2878	1623	21800	0.95		6.9	368	187	7630	1.65	
0.82	2692	1583	24120	1.20		7.0	368	184	7740	1.75	
0.83	2768	1595	25700	1.40		8.2	328	162	7810	2.0	
1.1	1848	1228	26800	1.80		4.0	505	324	6580	0.85	
1.2	1708	1069	27400	1.75	RF 17/17/22/1000-4 RF 17/17/22/1000-4	5.0	425	262	7110	1.05	
1.4	1458	838	27700	2.8		5.0	425	262	7110	1.05	
1.6	1268	824	27900	3.4		5.9	388	240	7320	1.15	
1.8	1138	737	28100	2.7		6.7	388	238	7070	1.80	
2.1	972	632	28300	3.1		8.7	318	165	8170	0.95	
1.1	1818	1145	13800	0.65		8.1	318	165	8170	0.95	RF 17/1000-4
1.2	1838	1037	16300	0.95	RF 17/1000-4	7.1	309	162	8480	1.05	RF 17/1000-4
1.4	1468	831	17500	1.05	RF 17/1000-4	8.9	310	154	8700	1.35	
1.6	1258	802	18700	1.25		2.8	878	245.84	20080	1.80	
1.1	1768	1143	19400	0.90		3.1	768	216.86	20080	2.0	R 47/1000-4
1.5	1368	885	19800	1.10		3.3	728	205.71	20080	2.2	RF 47/1000-4
1.7	1218	776	19900	1.30		3.7	648	181.77	20080	2.4	
1.9	1078	695	19600	1.45	RF 17/1000-4	4.1	585	180.89	17080	1.40	
2.2	980	599	20200	1.70	RF 17/1000-4	4.7	518	145.87	17080	1.60	R 47/1000-4
2.5	785	529	20200	1.98		4.8	488	138.38	17180	1.70	RF 17/1000-4
2.8	685	456	20080	2.2		5.8	428	121.42	17180	1.80	
4.9	485	258	20080	3.8		4.5	538	185.24	17080	1.55	
2.3	800	571	9110	0.90	RF 17/1000-4 RF 17/1000-4	4.3	482	180.89	17080	1.60	R 47/1000-4
2.5	905	840	8710	0.95		4.8	488	138.38	17180	1.70	RF 17/1000-4
2.7	775	485	10200	1.05		8.7	308	185.24	12680	2.3	
3.0	680	438	11008	1.20		7.8	308	188.88	12680	2.1	
3.5	599	373	11808	1.48	RTT 1000L 1800-4	8.9	270	145.87	12680	3.1	R 47/1000-4 RF 17/1000-4
4.0	529	327	12806	1.66	RTT 1000L 1800-4	9.4	258	138.38	12680	3.2	
4.6	482	289	12306	1.82		11	228	121.42	13080	3.7	
5.0	418	250	12406	2.0		4.3	588	185.24	16080	1.10	
5.8	345	224	12506	2.4		4.9	485	137.87	8730	1.25	R 47/1000-4
3.3	605	388	10400	1.60		5.3	455	120.97	8670	1.35	R 47/1000-4
3.8	480	341	8730	1.15		8.2	406	112.86	8240	1.50	RF 47/1000-4
4.3	405	294	8880	1.33	RF 17/1000-4	4.4	548	190.81	8190	1.10	
5.0	410	281	9080	1.15	RF 17/1000-4	4.8	506	184.67	8580	1.20	
5.6	370	294	9630	1.60	RF 17/1000-4	5.8	428	138.38	8140	1.40	
6.3	318	236	9820	1.80		6.8	378	127.87	8680	1.60	R 47/1000-4
7.4	270	178	10200	2.2		8.8	336	126.87	9540	1.70	
8.2	245	158	10700	2.5		7.7	318	113.84	9440	1.80	
						8.3	395	105.83	9540	2.1	



输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	减速机 型号 Model	输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	减速机 型号 Model	输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	减速机 型号 Model
0.37kW														
7.1	265	188.81	9540	1.55	8.3	265	188.81	9540	1.55	8.3	265	188.81	9540	1.55
7.1	265	188.81	9540	1.55	8.3	265	188.81	9540	1.55	8.3	265	188.81	9540	1.55
8.3	280	188.14	9830	1.61	8.3	280	188.14	9830	1.61	8.3	280	188.14	9830	1.61
8.3	280	127.67	19100	1.64	8.3	280	127.67	19100	1.64	8.3	280	127.67	19100	1.64
10	238	126.87	19100	2.0	8.3	238	126.87	19100	2.0	8.3	238	126.87	19100	2.0
12	193	113.93	19100	2.4	8.3	193	113.93	19100	2.4	8.3	193	113.93	19100	2.4
14	164	106.43	19300	3.1	8.3	164	106.43	19300	3.1	8.3	164	106.43	19300	3.1
16	141	94.04	19300	3.6	8.3	141	94.04	19300	3.6	8.3	141	94.04	19300	3.6
15	148	88.11	19400	3.8	8.3	148	88.11	19400	3.8	8.3	148	88.11	19400	3.8
4.1	380	188.89	9450	0.98	8.3	380	188.89	9450	0.98	8.3	380	188.89	9450	0.98
4.1	380	172.71	9730	0.99	8.3	380	172.71	9730	0.99	8.3	380	172.71	9730	0.99
3.9	400	167.83	9730	1.10	8.3	400	167.83	9730	1.10	8.3	400	167.83	9730	1.10
3.8	380	178.77	9480	1.26	8.3	380	178.77	9480	1.26	8.3	380	178.77	9480	1.26
7.3	330	140.83	9830	1.28	8.3	330	140.83	9830	1.28	8.3	330	140.83	9830	1.28
7.3	330	138.88	10000	1.30	8.3	330	138.88	10000	1.30	8.3	330	138.88	10000	1.30
8.0	270	98.99	7710	1.78	8.3	270	98.99	7710	1.78	8.3	270	98.99	7710	1.78
7.0	248	188.88	7820	1.38	8.3	248	188.88	7820	1.38	8.3	248	188.88	7820	1.38
7.6	218	173.17	7820	1.43	8.3	218	173.17	7820	1.43	8.3	218	173.17	7820	1.43
6.8	320	142.80	7760	1.65	8.3	320	142.80	7760	1.65	8.3	320	142.80	7760	1.65
18	235	126.77	7760	1.98	8.3	235	126.77	7760	1.98	8.3	235	126.77	7760	1.98
12	230	118.53	7810	2.91	8.3	230	118.53	7810	2.91	8.3	230	118.53	7810	2.91
10	187	106.58	7890	3.60	8.3	187	106.58	7890	3.60	8.3	187	106.58	7890	3.60
12	182	98.99	7890	3.5	8.3	182	98.99	7890	3.5	8.3	182	98.99	7890	3.5
11	183	91.71	7910	3.7	8.3	183	91.71	7910	3.7	8.3	183	91.71	7910	3.7
18	148	88.33	7830	3.3	8.3	148	88.33	7830	3.3	8.3	148	88.33	7830	3.3
18	137	88.33	7880	3.3	8.3	137	88.33	7880	3.3	8.3	137	88.33	7880	3.3
5.0	325	176.88	9280	0.99	8.3	325	176.88	9280	0.99	8.3	325	176.88	9280	0.99
5.0	325	163.94	9470	1.08	8.3	325	163.94	9470	1.08	8.3	325	163.94	9470	1.08
8.0	290	138.99	9630	1.13	8.3	290	138.99	9630	1.13	8.3	290	138.99	9630	1.13
11	233	127.87	9630	1.28	8.3	233	127.87	9630	1.28	8.3	233	127.87	9630	1.28
11	210	174.77	9830	1.48	8.3	210	174.77	9830	1.48	8.3	210	174.77	9830	1.48
13	188	106.88	9880	1.63	8.3	188	106.88	9880	1.63	8.3	188	106.88	9880	1.63
14	173	83.43	9840	1.78	8.3	173	83.43	9840	1.78	8.3	173	83.43	9840	1.78
16	166	84.90	9880	1.98	8.3	166	84.90	9880	1.98	8.3	166	84.90	9880	1.98
17	161	78.33	9830	2.1	8.3	161	78.33	9830	2.1	8.3	161	78.33	9830	2.1
18	155	84.54	9890	2.4	8.3	155	84.54	9890	2.4	8.3	155	84.54	9890	2.4
19	148	84.71	9910	2.5	8.3	148	84.71	9910	2.5	8.3	148	84.71	9910	2.5
23	164	71.17	9990	3.1	8.3	164	71.17	9990	3.1	8.3	164	71.17	9990	3.1
25	87	50.89	9100	3.1	8.3	87	50.89	9100	3.1	8.3	87	50.89	9100	3.1
27	88	47.15	8890	3.4	8.3	88	47.15	8890	3.4	8.3	88	47.15	8890	3.4
8.0	290	138.99	9630	1.13	8.3	290	138.99	9630	1.13	8.3	290	138.99	9630	1.13
11	233	127.87	9630	1.28	8.3	233	127.87	9630	1.28	8.3	233	127.87	9630	1.28
12	187	106.58	7890	3.60	8.3	187	106.58	7890	3.60	8.3	187	106.58	7890	3.60
18	148	88.33	7830	3.3	8.3	148	88.33	7830	3.3	8.3	148	88.33	7830	3.3
20	132	81.18	8780	1.88	8.3	132	81.18	8780	1.88	8.3	132	81.18	8780	1.88
20	162	88.16	8850	1.98	8.3	162	88.16	8850	1.98	8.3	162	88.16	8850	1.98
27	88	48.81	8760	3.4	8.3	88	48.81	8760	3.4	8.3	88	48.81	8760	3.4
29	81	48.81	8760	3.4	8.3	81	48.81	8760	3.4	8.3	81	48.81	8760	3.4
30	75	38.17	9540	3.8	8.3	75	38.17	9540	3.8	8.3	75	38.17	9540	3.8
40	80	36.40	9270	3.8	8.3	80	36.40	9270	3.8	8.3	80	36.40	9270	3.8
0.37kW														
3.19	15809	1287	38909	0.88	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.21	14020	8847	40800	0.89	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.28	12100	8888	44400	1.18	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.28	10800	4308	48600	1.26	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
4.32	9400	4320	54600	1.45	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.27	8219	3734	77700	1.88	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.42	7180	3262	12000	1.88	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.48	6383	2888	12000	2.1	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.31	8613	4484	44136	0.86	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.35	8613	3908	44136	0.95	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.34	9148	4328	48936	0.96	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.30	7958	3514	55536	1.08	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.41	7948	3338	54336	1.08	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.47	8558	3208	58136	1.26	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.56	8548	3078	57336	1.45	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95
3.62	4958	2248	58436	1.58	3.2	840	438	2730	0.95	3.2	840	438	2730	0.95

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Permitted output power P ₂ [kW]	减速机 型号 Model	输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Permitted output power P ₂ [kW]	减速机 型号 Model
0.37kW									
5.1	1140	288.74	28180	2.6	5.1	360	138.95	2480	0.85
3.8	1308	218.71	28320	3.0	5.1	310	127.87	2580	0.98
3.7	950	241.25	28380	3.2	5.1	290	114.17	2480	1.00
4.3	880	218.28	28430	3.8	5.1	260	100.88	2630	1.15
					5.1	240	90.68	2570	1.25
3.1	1130	218.54	19380	1.85	18	218	86.80	8780	1.48
3.3	1078	208.71	19830	2.0	18	195	70.23	9070	1.55
3.7	940	191.77	20080	1.80	22	178	58.34	9330	1.75
3.7	932	248.54	20080	1.80	21	164	64.21	9580	1.80
4.2	880	218.84	20080	1.80	24	148	60.73	8070	2.1
4.4	810	208.71	20080	2.0	28	128	54.74	8280	2.3
4.6	718	181.77	20080	3.2	29	122	47.15	8820	2.5
5.8	871	155.34	20080	2.8	32	110	42.87	8880	2.7
6.3	880	142.41	20080	2.8	35	95	38.73	9370	3.0
					40	89	34.73	9370	3.4
4.7	788	148.87	19380	1.70	41	87	33.78	9270	2.8
4.9	720	138.95	19380	1.55	44	80	31.73	8130	2.8
5.6	830	121.42	19380	1.30	52	69	24.78	4900	3.0
					58	80	23.28	4720	3.3
5.4	855	98.59	11320	1.25	63	95	21.45	4820	3.4
5.7	743	143.87	11320	1.10	115	230	90.17	4250	0.85
6.8	848	138.39	11320	1.00	18	118	84.67	3380	1.00
					19	109	73.98	5070	1.05
7.1	500	106.24	12130	1.05					
8.3	425	108.59	12430	1.00	28	178	88.33	8210	1.18
8.9	318	148.87	12830	2.3	23	157	61.18	5410	1.30
10	255	128.90	12830	2.3	28	145	78.70	5410	1.43
11	310	121.42	12830	2.8	29	123	48.08	5580	1.60
15	265	102.89	12830	3.1	31	115	44.41	8480	1.75
16	249	82.87	12830	3.3	35	120	35.60	8210	1.80
					38	84	38.72	8180	2.1
8.7	420	188.14	7330	0.85	43	83	32.40	5070	2.4
8.5	548	157.87	8018	0.80	45	72	38.73	4720	2.5
7.5	808	128.90	8830	1.20	57	85	48.34	4650	2.2
7.8	445	113.94	9410	1.35					
					49	73	35.32	4830	2.8
6.8	519	109.81	9818	1.05	83	87	28.03	4710	2.8
6.7	373	188.27	8820	1.28	60	57	32.27	4580	3.3
8.7	405	95.84	9318	1.40	71	88	18.71	4320	4.1
10	365	137.87	9828	1.70					
11	330	128.90	9828	1.80	85	40	15.60	4890	5.3
12	290	113.94	9828	2.1	104	34	12.33	2850	5.8
13	275	108.83	10320	2.3	117	30	11.83	3720	6.3
14	245	95.91	10320	2.5					
16	220	88.71	10320	2.7					
19	169	74.17	19380	3.2					
20	178	68.33	19380	3.4	0.23	2820	8677	12880	8.80
25	167	61.28	19430	3.8	0.28	17800	4807	12080	1.00
24	148	58.08	19430	4.1	0.28	10800	8808	12880	1.30
					0.33	13200	3359	12880	1.40
					0.38	14800	4128	12880	1.60
					0.41	16000	4525	12880	1.80
					0.46	12100	5218	12880	2.00
					0.47	11800	3358	8820	1.18
					0.52	10800	3888	8820	1.38
					0.58	10800	3351	10880	1.70
					0.73	8870	3367	11880	1.80
					0.88	7100	1708	12880	2.00
					1.08	5840	1508	12880	2.50
					1.28	5240	1348	12880	2.80
					1.58	3880	1188	13880	3.00
0.55kW									
					0.95	8848	2484	81700	0.95
					0.31	8980	2888	4920	0.90
					0.38	8240	3412	5280	0.95
					0.46	7900	3717	5280	1.10
					0.58	6900	3888	5280	1.35
					0.68	6880	3888	5880	1.60
					0.88	6880	3888	6880	1.75
					1.1	4700	1238	8880	2.00
					1.2	3710	1090	8880	2.2
					1.8	2160	811	9280	2.8



输出 转速 Output speed n_2 [r/min]	输出 扭矩 Output torque M_2 [N·m]	传动 比 Ratio i	额定 功率 Rated power P [kW]	服务 系数 Service factor K_f	机型号 Model
0.55kW					
8.87	4780	1487	23408	0.80	R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4
1.1	4120	1288	32458	1.08	
1.3	3840	1098	32608	1.30	
1.5	3440	948	32608	1.58	
1.6	3440	948	32608	1.68	
1.9	3440	717	32608	1.75	
2.2	2740	628	32608	2.0	
8.87	4780	1487	23408	0.80	
1.1	4120	1288	32458	1.08	
1.2	3890	1194	23408	1.15	
1.3	3750	958	23408	1.28	
1.7	2780	822	38708	1.58	
1.5	3240	998	4828	0.98	R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4
1.8	2870	824	22208	1.05	
1.8	2820	121	22208	1.08	
2.2	2180	632	28708	1.28	
2.3	1880	562	28708	1.82	
2.8	1640	484	27408	1.88	
3.2	1480	431	27708	2.0	
3.6	1280	378	28708	2.2	
4.0	1160	328	28108	2.4	
4.6	1010	286	28108	3.0	
5.5	860	249	28408	3.6	
2.8	1180	525	15108	0.85	R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4
3.3	1250	456	15908	1.00	
3.6	1240	388	15908	1.15	
3.8	1180	352	18908	1.30	
4.4	1030	305	18908	1.50	
3.3	1050	471	18908	0.95	
3.4	1480	180	18908	1.10	
3.8	1280	381	18708	1.25	
4.9	970	276	9420	0.85	
5.5	880	238	9880	1.00	
6.2	770	221	10208	1.05	R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4
7.3	680	188	11308	1.28	
7.5	1980	255	21	1.60	
7.8	1980	391.25	28908	1.80	
3.1	1070	276	27408	1.80	
3.3	9880	386.24	27408	1.75	
3.7	1440	255	27108	2.0	
3.7	1470	311.25	27808	2.1	
4.2	1280	216.25	28608	2.4	
4.7	1120	388.74	28108	2.7	
5.3	960	348.71	28208	3.0	R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4
5.8	930	341.25	28308	3.2	
6.3	840	276.28	28408	3.6	
6.7	1440	346.54	17708	1.10	
7.4	1280	276.28	18108	1.28	
4.4	1280	205.71	18908	1.30	
4.8	1080	181.77	18808	1.48	
5.8	910	186.34	20008	1.78	
5.9	880	216.84	20008	1.88	
6.3	840	216.84	20008	1.88	
6.8	795	205.71	20008	1.95	R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4
7.3	680	181.77	20008	2.2	
8.8	680	186.34	20008	2.6	
8.8	680	142.41	20008	2.6	
11	480	120.87	20008	3.0	
11	458	116.43	20008	3.4	
13	480	103.85	20008	3.9	
8.2	668	188.88	11308	1.28	
8.8	148	148	11308	1.28	
8.8	634	138.39	11808	1.88	
11	470	121.42	12308	1.75	R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4 R 0.55kW1000-4
12	458	103.85	12308	1.75	
13	380	92.87	12808	2.3	
17	318	85.88	12808	2.6	
18	380	77.24	12808	2.6	
21	295	65.77	12908	3.0	
2.2	255	65.77	12908	3.0	
2.2	255	65.77	12908	3.0	
2.2	255	65.77	12908	3.0	
2.2	255	65.77	12908	3.0	

0.55kW

0.75kW

输出 转速 Output speed n_2 [r/min]	输出 扭矩 Output torque M_2 [N·m]	传动 比 Ratio i	额定 功率 Rated power P [kW]	服务 系数 Service factor K_f	机型号 Model
0.75kW					
0.64	1160	2585	64808	1.10	R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4
0.62	11300	3271	61408	1.28	
1.01	967	1991	69908	1.45	
0.80	1040	1817	64808	1.48	
0.9	1030	1500	71308	1.80	
1.0	9880	1239	71308	2.1	
1.2	921	1188	71308	3.4	
0.74	9640	983	61208	0.85	
0.67	7330	964	61308	1.10	
0.69	6650	931	56708	1.25	
0.6	6450	1096	51360	1.35	R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4
0.87	9848	2073	61408	0.88	
1.0	848	1830	61808	1.88	
0.88	7318	1688	64808	1.12	
0.68	6448	1587	56360	1.28	
1.1	5668	1200	51360	1.40	
1.3	5058	1080	56808	1.50	
1.5	4418	991	58108	1.80	
1.7	3818	821	58708	2.1	
1.9	3320	738	61808	2.4	
1.3	4808	1065	18608	0.80	R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4
1.5	4278	918	20608	1.30	
1.7	3808	818	21360	1.38	
1.7	3508	1124	21708	0.85	
1.5	4338	839	20208	1.30	
1.7	3778	822	32080	1.18	
3.7	1698	360	31180	2.5	
4.3	1478	323	37080	2.8	
2.2	2848	632	21480	1.08	
2.5	2578	580	22780	1.12	
2.8	2338	544	28080	1.14	R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4
3.2	2018	431	24480	1.58	
3.6	1768	379	27280	1.78	
4.0	1568	341	28480	2.0	
4.7	1378	288	28680	2.2	
5.5	1158	249	28180	2.8	
3.6	1838	388	12480	0.88	
3.9	1538	362	14480	0.95	
4.5	1408	309	17980	1.10	
5.2	1248	268	18880	1.28	
5.8	1098	236	18480	1.40	R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4
4.0	1478	361	11780	0.80	
4.5	1418	320	17880	1.10	
6.8	1208	238	18080	1.30	
2.8	2818	251.18	38080	1.68	
3	2398	228.85	36360	1.80	
3.4	2118	203.16	38780	2.3	
3.2	2048	216.26	28360	1.38	
3.7	1858	186.3	28660	1.54	
4.1	1768	175.82	32780	1.78	
3.8	3238	258.71	28280	1.48	R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4
3.7	1828	241.25	28780	1.58	
4.2	1728	218.25	28780	1.78	
6.8	1808	288.74	27880	2.8	
6.4	1338	258.71	27880	2.3	
7.3	1258	241.25	28080	2.4	
8.8	1128	218.25	28180	2.7	
7.4	870	186.3	28360	3.1	
8.8	1188	175.82	28360	3.4	
4.2	1728	218.25	27880	2.8	R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4 R 0.75kW1000-4
6.4	1338	258.71	27880	2.3	
7.3	1258	241.25	28080	2.4	
8.8	1128	218.25	28180	2.7	
7.4	870	186.3	28360	3.1	
8.8	1188	175.82	28360	3.4	
4.2	1728	218.25	27880	2.8	
6.4	1338	258.71	27880	2.3	
7.3	1258	241.25	28080	2.4	
8.8	1128	218.25	28180	2.7	

0.75kW

0.75kW





Output speed [rpm]	Output torque [Nm]	Efficiency [%]	Power [kW]	Rated torque [Nm]	Rated power [kW]	Motor	Output speed [rpm]	Output torque [Nm]	Efficiency [%]	Power [kW]	Rated torque [Nm]	Rated power [kW]	Motor
0.75kW													
29	250	48.08	2230	0.80	8	37	1000	1000	5.5	1760	348	15300	0.90
37	233	44.81	2070	0.80	8	37	1000	1000	5.5	1760	348	15300	0.90
38	206	39.17	1739	1.00	10	40	1000	1000	7.2	1930	390	16100	1.10
38	181	36.12	1494	1.00	10	40	1000	1000	2.7	1580	204.16	54300	1.10
43	168	32.43	1410	1.20	8	37	1000	1000	3.9	1550	239.99	15000	1.30
48	149	35.13	1460	1.50	8	37	1000	1000	5.5	1760	348	15300	1.30
57	127	42.42	1232	1.80	8	37	1000	1000	4.0	2050	112.34	50000	1.60
62	106	22.27	1024	1.35	5	25	1200	1200	3.8	2920	255.71	21200	1.65
71	100	19.31	888.0	2.00	8	37	1000	1000	3.8	2750	225.33	22000	1.10
81	104	18.08	855.0	2.50	8	37	1000	1000	5.5	1760	348	15300	1.30
88	81	15.30	385.0	2.50	8	37	1000	1000	4.8	2130	188.20	30900	1.40
104	80	13.25	388.0	2.80	8	37	1000	1000	5.5	1760	348	15300	1.30
117	61	11.83	370.0	3.00	8	37	1000	1000	5.5	1760	348	15300	1.30
157	53	10.11	342.0	3.2	8	37	1000	1000	5.5	1760	348	15300	1.30
168	49	9.47	328.0	3.4	8	37	1000	1000	5.5	1760	348	15300	1.30
1.1kW													
0.63	1730	28.67	1200.0	1.00	10	40	1000	1000	5.5	1760	348	15300	1.30
0.63	1540	27.53	1070.0	1.00	10	40	1000	1000	5.5	1760	348	15300	1.30
0.67	1330	25.65	1000.0	1.30	8	37	1000	1000	5.5	1760	348	15300	1.30
0.72	1230	18.77	1200.0	1.40	8	37	1000	1000	5.5	1760	348	15300	1.30
0.84	1080	18.73	1000.0	1.50	8	37	1000	1000	5.5	1760	348	15300	1.30
0.97	960	14.58	1200.0	1.60	8	37	1000	1000	5.5	1760	348	15300	1.30
1.1	854	12.79	1200.0	2.1	8	37	1000	1000	5.5	1760	348	15300	1.30
1.2	742.0	12.31	1200.0	2.4	8	37	1000	1000	5.5	1760	348	15300	1.30
0.63	1500.0	22.11	1000.0	0.85	8	37	1000	1000	5.5	1760	348	15300	1.30
0.72	1330	18.81	871.00	1.00	8	37	1000	1000	5.5	1760	348	15300	1.30
0.82	1100	17.00	650.00	1.15	8	37	1000	1000	5.5	1760	348	15300	1.30
0.81	1030.0	16.36	873.00	1.35	8	37	1000	1000	5.5	1760	348	15300	1.30
1.0	684.0	13.28	690.00	1.50	8	37	1000	1000	5.5	1760	348	15300	1.30
1.2	781.0	17.88	750.00	1.65	8	37	1000	1000	5.5	1760	348	15300	1.30
1.4	687.0	15.28	718.00	1.80	8	37	1000	1000	5.5	1760	348	15300	1.30
1.6	603.0	13.59	660.00	2.00	8	37	1000	1000	5.5	1760	348	15300	1.30
1.8	524.0	12.14	580.00	2.2	8	37	1000	1000	5.5	1760	348	15300	1.30
2.0	463.0	8.69	500.00	2.4	8	37	1000	1000	5.5	1760	348	15300	1.30
2.2	408.0	8.88	430.00	2.6	8	37	1000	1000	5.5	1760	348	15300	1.30
2.4	358.0	8.99	370.00	2.8	8	37	1000	1000	5.5	1760	348	15300	1.30
2.6	314.0	9.03	320.00	3.0	8	37	1000	1000	5.5	1760	348	15300	1.30
2.8	275.0	9.07	280.00	3.2	8	37	1000	1000	5.5	1760	348	15300	1.30
3.0	240.0	9.11	240.00	3.4	8	37	1000	1000	5.5	1760	348	15300	1.30
3.2	208.0	9.15	208.00	3.6	8	37	1000	1000	5.5	1760	348	15300	1.30
3.4	180.0	9.19	180.00	3.8	8	37	1000	1000	5.5	1760	348	15300	1.30
3.6	155.0	9.23	155.00	4.0	8	37	1000	1000	5.5	1760	348	15300	1.30
3.8	133.0	9.27	133.00	4.2	8	37	1000	1000	5.5	1760	348	15300	1.30
4.0	114.0	9.31	114.00	4.4	8	37	1000	1000	5.5	1760	348	15300	1.30
4.2	98.0	9.35	98.00	4.6	8	37	1000	1000	5.5	1760	348	15300	1.30
4.4	84.0	9.39	84.00	4.8	8	37	1000	1000	5.5	1760	348	15300	1.30
4.6	72.0	9.43	72.00	5.0	8	37	1000	1000	5.5	1760	348	15300	1.30
4.8	61.0	9.47	61.00	5.2	8	37	1000	1000	5.5	1760	348	15300	1.30
5.0	51.0	9.51	51.00	5.4	8	37	1000	1000	5.5	1760	348	15300	1.30
5.2	42.0	9.55	42.00	5.6	8	37	1000	1000	5.5	1760	348	15300	1.30
5.4	34.0	9.59	34.00	5.8	8	37	1000	1000	5.5	1760	348	15300	1.30
5.6	27.0	9.63	27.00	6.0	8	37	1000	1000	5.5	1760	348	15300	1.30
5.8	21.0	9.67	21.00	6.2	8	37	1000	1000	5.5	1760	348	15300	1.30
6.0	16.0	9.71	16.00	6.4	8	37	1000	1000	5.5	1760	348	15300	1.30
6.2	12.0	9.75	12.00	6.6	8	37	1000	1000	5.5	1760	348	15300	1.30
6.4	9.0	9.79	9.00	6.8	8	37	1000	1000	5.5	1760	348	15300	1.30
6.6	7.0	9.83	7.00	7.0	8	37	1000	1000	5.5	1760	348	15300	1.30
6.8	5.5	9.87	5.50	7.2	8	37	1000	1000	5.5	1760	348	15300	1.30
7.0	4.5	9.91	4.50	7.4	8	37	1000	1000	5.5	1760	348	15300	1.30
7.2	3.8	9.95	3.80	7.6	8	37	1000	1000	5.5	1760	348	15300	1.30
7.4	3.2	9.99	3.20	7.8	8	37	1000	1000	5.5	1760	348	15300	1.30
7.6	2.7	10.03	2.70	8.0	8	37	1000	1000	5.5	1760	348	15300	1.30
7.8	2.3	10.07	2.30	8.2	8	37	1000	1000	5.5	1760	348	15300	1.30
8.0	2.0	10.11	2.00	8.4	8	37	1000	1000	5.5	1760	348	15300	1.30
8.2	1.7	10.15	1.70	8.6	8	37	1000	1000	5.5	1760	348	15300	1.30
8.4	1.5	10.19	1.50	8.8	8	37	1000	1000	5.5	1760	348	15300	1.30
8.6	1.3	10.23	1.30	9.0	8	37	1000	1000	5.5	1760	348	15300	1.30
8.8	1.1	10.27	1.10	9.2	8	37	1000	1000	5.5	1760	348	15300	1.30
9.0	1.0	10.31	1.00	9.4	8	37	1000	1000	5.5	1760	348	15300	1.30
9.2	0.9	10.35	0.90	9.6	8	37	1000	1000	5.5	1760	348	15300	1.30
9.4	0.8	10.39	0.80	9.8	8	37	1000	1000	5.5	1760	348	15300	1.30
9.6	0.7	10.43	0.70	10.0	8	37	1000	1000	5.5	1760	348	15300	1.30
9.8	0.6	10.47	0.60	10.2	8	37	1000	1000	5.5	1760	348	15300	1.30
10.0	0.5	10.51	0.50	10.4	8	37	1000	1000	5.5	1760	348	15300	1.30
10.2	0.4	10.55	0.40	10.6	8	37	1000	1000	5.5	1760	348	15300	1.30
10.4	0.3	10.59	0.30	10.8	8	37	1000	1000	5.5	1760	348	15300	1.30
10.6	0.2	10.63	0.20	11.0	8	37	1000	1000	5.5	1760	348	15300	1.30
10.8	0.1	10.67	0.10	11.2	8	37	1000	1000	5.5	1760	348	15300	1.30
11.0	0.1	10.71	0.10	11.4	8	37	1000	1000	5.5	1760	348	15300	1.30
11.2	0.0	10.75	0.00	11.6	8	37	1000	1000	5.5	1760	348	15300	1.30
11.4	0.0	10.79	0.00	11.8	8	37	1000	1000	5.5	1760	348	15300	1.30
11.6	0.0	10.83	0.00	12.0	8	37	1000	1000	5.5	1760	348	15300	1.30
11.8	0.0	10.87	0.00	12.2	8	37	1000	1000	5.5	1760	348	15300	1.30
12.0	0.0	10.91	0.00	12.4	8	37	1000	1000	5.5	1760	348	15300	1.30
12.2	0.0	10.95	0.00	12.6	8	37	1000	1000	5.5	1760	348	15300	1.30
12.4	0.0	10.99	0.00	12.8	8	37	1000	1000	5.5	1760	348	15300	1.30
12.6	0.0	11.03	0.00	13.0	8	37	1000	1000	5.5	1760	348	15300	1.30
12.8	0.0	11.07	0.00	13.2	8	37	1000	1000	5.5	1760	348	15300	1.30
13.0	0.0	11.11	0.00	13.4	8	37	1000	1000	5.5	1760	348	15300	1.30
13.2	0.0	11.15	0.00	13.6	8	37	1000	1000	5.5	1760	348	15300	1.30
13.4	0.0	11.19	0.00	13.8	8	37	1000	1000	5.5	1760	348	15300	1.30
13.6	0.0	11.23	0.00	14.0	8	37	1000	1000	5.5	1760	348	15300	1.30
13.8	0.0	11.27	0.00	14.2	8	37	1000	1000	5.5	1760	348	15300	1.30
14.0	0.0	11.31	0.00	14.4	8	37	1000	1000	5.5	1760	348	15300	1.30
14.2	0.0	11.35	0.00	14.6	8	37	1000	1000	5.5	1760	348	15300	1.30
14.4	0.0	11.39	0.00	14.8	8	37	1000	1000	5.5	1760	348	15300	1.30
14.6	0.0	11.43	0.00	15.0	8	37	1000	1000	5.5	1760	348	15300	1.30
14.8	0.0	11.47	0.00	15.2	8	37	1000	1000	5.5	1760	348	15300	1.30
15.0	0.0	11.51	0.00	15.4	8	37	1000	1000	5.5	1760	348	15300	1.30
15.2	0.0	11.55	0.00	15.6									

输出速度 Output speed M ₀ [m/min]	输出功率 Output power P ₀ [kW]	传动比 Ratio i	额定速度 Permitted speed V ₀ [m/min]	额定功率 Service power P ₀ [kW]	机座号 Model	输出速度 Output speed M ₀ [m/min]	输出功率 Output power P ₀ [kW]	传动比 Ratio i	额定速度 Permitted speed V ₀ [m/min]	额定功率 Service power P ₀ [kW]	机座号 Model
1.1kW						5.5kW					
83	187	28.31	8880	2.3		13	13180	5090	32080	0.85	
84	188	24.96	9000	2.4		12	8780	5010	31800	0.83	
84	165	21.83	5490	2.7	87 41 9031, 1094	17	7640	831	54100	1.05	
78	140	18.80	8170	2.2	87 41 9031, 1094	18	8880	738	88800	1.20	
83	128	18.70	8590	3.0		22	5740	628	17400	1.43	8 87 9031, 1094
29	360	47.75	3580	0.65		23	5130	585	16800	1.39	8 87 9031, 1094
23	452	42.81	3680	0.68		28	4470	498	59000	1.80	
38	273	38.83	4270	1.18	8 41 9031, 1094	33	3810	428	88800	2.00	
40	263	34.73	4580	1.15	8 41 9031, 1094	36	3610	381	83100	2.30	
82	233	28.70	4280	1.28	8 41 9031, 1094	44	2680	323	80400	2.70	
50	177	23.50	4280	1.28							8 102 9031, 1094
											8 102 9031, 1094
66	175	22.28	4270	1.78		2.8	4870	844	14800	0.85	
64	184	21.81	4270	1.88		28	4480	492	29400	0.85	8 102 9031, 1094
73	145	19.27	4080	2.0		34	3810	417	38100	1.18	8 102 9031, 1094
71	158	18.80	3980	2.1	8 41 9031, 1094	38	3380	388	33800	1.35	
88	122	18.22	3980	2.3	8 41 9031, 1094	44	2950	323	35100	1.45	
88	109	14.86	3880	2.4	8 41 9031, 1094						
12	54	8.4	3580	2.8							8 102 9031, 1094
119	89	17.78	3380	3.0		2.8	4410	480	26900	1.00	8 102 9031, 1094
134	76	19.18	3480	3.0							8 102 9031, 1094
158	66	9.07	3480	3.2							
						4.2	3120	328	14800	0.85	
45	245	52.40	2980	0.88	8 27 9031, 1094	48	2740	338	22700	1.10	8 102 9031, 1094
49	219	28.73	3280	0.95	8 27 9031, 1094	67	2300	268	28700	1.35	8 102 9031, 1094
87	183	26.42	3720	1.18		68	2150	68	21500	1.40	8 102 9031, 1094
						88	1820	208	28700	1.80	
73	145	19.31	3580	1.43	8 41 9031, 1094	2.8	4710	238.95	28000	0.90	
78	133	18.28	3580	1.58	8 41 9031, 1094	3.8	4190	203.16	30300	1.05	8 102 9031, 1094
80	117	16.40	3880	1.70		4.8	3630	112.24	32700	1.20	8 102 9031, 1094
						4.8	3210	95.86	34100	1.30	
186	89	12.28	3580	1.90		4.8	2850	261.18	31400	1.90	
158	89	11.63	3480	2.1		48	2580	226.95	32900	1.90	
129	78	15.71	3380	2.2		48	2810	203.16	34400	2.30	8 102 9031, 1094
94	77	9.47	3270	2.3	8 27 9031, 1094	58	2580	112.24	35800	1.80	8 102 9031, 1094
170	63	7	3080	2.9	8 27 9031, 1094						
270	50	6.67	2900	3.0		58	2470	188.88	38200	2.70	
341	47	5.83	2780	3.1		63	2210	141.83	36000	1.85	
277	38	5.08	2780	3.5							
1.5kW						8kW					
8.60	21280	2333	12080	0.88		8.8	20600	2188.71	23800	1.16	
8.58	18400	2085	13260	0.95		8.8	2450	241.25	24300	1.20	
8.78	16900	1917	12500	1.05		8.8	2200	218.26	25800	1.35	
8.53	16000	1800	10970	1.18	8 87 9031, 1094	9.1	1890	188.34	26700	1.60	
8.34	1730	1779.52	27300	1.75	8 87 9031, 1094	8.7	1730	1779.52	27300	1.75	8 87 9031, 1094
9.58	13180	1436	12080	1.58	8 87 9031, 1094	9.4	1820	130.76	27700	1.85	8 87 9031, 1094
1.1	11730	1279	10900	1.55		9.5	1970	128.75	28700	2.00	
1.2	11320	1123	12080	1.75		12	1180	118.48	28800	2.3	
1.4	9648	988	12080	2.00		14	1650	103.44	28800	2.6	
						18	843	82.48	28300	3.2	
3.3	3873	426	73600	3.4	8 102 9031, 1094	8.1	1858	185.77	11400	0.85	
3.8	3348	388	73600	3.8	8 102 9031, 1094	9.1	1880	188.34	98700	1.00	
8.83	15790	1785	11200	0.85		9.8	1450	142.41	11900	1.05	8 87 9031, 1094
9.93	14100	1636	80200	1.05		11	1270	124.87	10200	1.20	8 87 9031, 1094
1.1	12290	1320	84200	1.65		12	1200	118.43	11900	1.80	
1.2	11910	1185	84200	1.80	8 87 9031, 1094	14	1880	103.68	19800	1.45	
1.4	9818	1020	80800	1.40	8 87 9031, 1094						
1.6	8148	880	70100	1.40		15	850	93.28	20800	1.65	
1.8	7178	784	74200	1.60		17	830	81.80	20800	1.85	
2.3	6248	688	71800	2.0		19	735	72.57	20800	2.1	
2.3	6708	616	73600	2.3		22	645	63.68	20800	2.4	8 87 9031, 1094
2.5	5136	556	73600	2.5		23	615	55.95	21800	2.5	8 87 9031, 1094
						27	536	42.82	20800	2.8	8 87 9031, 1094
1.4	9648	9045	41200	0.88		30	465	47.58	20800	3.2	
1.6	8508	808	52600	1.08	8 102 9031, 1094	34	425	41.74	19800	3.7	
2.3	6448	688	56200	1.28	8 102 9031, 1094	38	273	38.84	19800	4.1	
2.3	6498	608	57600	1.48							



输出转速 Output speed n_2 [r/min]	输出扭矩 Output torque M_2 [N·m]	传动比 Ratio i	额定功率 Permitted Service power P_n [kW]	轴径 Shaft d [mm]	机座号 Model
1.5kW					
17	843	82.40	8430	0.85	R 111W051-30W-4
17	850	81.80	8430	1.00	R 111W051-30W-4
15	746	71.34	7420	0.85	R 111W051-30W-4
21	619	65.77	11190	1.25	
24	566	67.68	11190	1.40	
27	519	62.57	11190	1.50	
30	476	57.80	11190	1.60	
33	443	43.29	12200	1.80	R 111W051-30W-4
37	379	36.83	12200	2.00	R 111W051-30W-4
42	344	33.47	12700	2.24	
48	299	29.00	12300	2.50	
56	258	25.33	12900	2.80	
60	248	23.37	11600	3.00	R 111W051-30W-4
63	238	21.41	11600	3.15	R 111W051-30W-4
75	201	19.60	11000	4.00	
80	188	18.31	2860	1.00	R 101W051-30W-4
79	183	18.05	2840	1.10	R 101W051-30W-4
68	169	16.68	3160	1.25	
196	135	15.25	3350	1.40	
119	120	11.83	3270	1.50	
140	103	11.14	3160	1.65	
169	86	9.47	3110	1.75	
171	81	7.67	2460	1.90	R 101W051-30W-4
271	68	6.67	2820	2.10	R 101W051-30W-4
249	56	5.67	2710	2.50	
270	51	5.06	2830	2.80	
326	44	4.32	2520	2.90	
368	41	4.06	2470	3.00	
414	35	4.14	2300	3.20	
224	30	13.28	2860	2.7	
204	27	11.83	2790	2.8	R 101W051-30W-4
184	24	11.14	2830	3.2	R 101W051-30W-4
380	50	8.47	3300	3.2	
336	42	7.67	2910	3.7	
2.2kW					
8.84	22400	1070	12000	0.88	
8.86	18400	1438	12000	0.98	
1.1	17300	1270	12000	1.05	R 101W051-30W-4
1.3	16100	1123	12000	1.20	R 101W051-30W-4
1.4	12000	999	12000	1.25	R 101W051-30W-4
1.6	11600	881	12000	1.50	
1.9	10300	780	12000	1.75	
2.2	8716	658	12000	2.1	
2.6	7150	533	12100	1.60	
3.0	6100	462	12100	2.1	R 101W051-30W-4
3.3	5748	426	12400	2.3	R 101W051-30W-4
3.8	4968	388	14200	2.8	
4.3	4390	326	12300	3.0	
5.2	3680	268	13800	3.80	
5.4	3390	2029	6870	0.95	
5.6	3200	880	6830	1.10	
5.8	1990	54	6860	1.20	R 101W051-30W-4
6.0	9400	696	6860	1.40	R 101W051-30W-4
2.3	8420	619	6860	1.50	
2.5	7590	568	7840	1.75	
2.9	6848	489	7130	1.90	
2.0	9818	696	43900	0.88	R 101W051-30W-4
2.3	8278	609	50900	0.95	R 101W051-30W-4
1.8	8880	720	38300	1.00	
2.2	9508	629	51600	0.95	
2.4	7478	580	38300	1.00	
2.9	5638	480	58000	1.20	R 101W051-30W-4
3.3	3790	428	87400	1.40	R 101W051-30W-4
3.7	5190	381	58000	1.50	
4.4	4438	329	81100	1.80	
4.8	3968	291	58000	2.00	
6.3	3468	216	68600	2.30	
8.3	3038	223	68600	2.80	
3.8	5518	369	12100	0.85	
4.4	4398	321	28000	1.00	R 101W051-30W-4
4.9	3868	285	37600	1.10	R 101W051-30W-4
6.4	3208	263	32000	1.20	
8.9	2908	274	35300	1.50	
6.3	4458	328	28400	0.96	R 101W051-30W-4
6.0	3170	374	11600	0.90	R 101W051-30W-4
6.8	2848	239	22100	1.00	R 101W051-30W-4

输出转速 Output speed n_2 [r/min]	输出扭矩 Output torque M_2 [N·m]	传动比 Ratio i	额定功率 Permitted Service power P_n [kW]	轴径 Shaft d [mm]	机座号 Model
2.2kW					
3.1	6660	222.80	55900	1.20	
3.7	3880	188.40	57000	1.40	
4.0	5258	174.40	59100	1.55	R 101W051-30W-4
4.5	4888	156.21	68800	1.70	R 101W051-30W-4
5.0	4248	141.12	63500	1.90	
5.5	3880	128.18	58600	2.10	R 101W051-30W-4
6.2	3418	113.72	60000	2.30	R 101W051-30W-4
6.8	3178	103.20	60300	2.40	
4.6	4548	203.16	29100	0.95	
5.4	3880	172.34	31700	1.10	R 101W051-30W-4
5.9	3558	158.88	30000	1.20	R 101W051-30W-4
6.6	3178	141.83	34400	1.30	
5.6	3748	201.78	32200	1.15	R 101W051-30W-4
6.1	3438	228.95	33600	1.25	R 101W051-30W-4
6.9	3238	203.16	34800	1.40	
8.2	2978	172.34	38100	1.60	
9.9	2368	158.88	38300	1.80	
9.9	2110	145.83	38800	2.00	R 101W051-30W-4
11	1808	127.88	38800	2.20	R 101W051-30W-4
12	1720	115.63	37000	2.40	
14	1538	102.53	37200	2.80	
15	1358	92.78	37300	3.10	
8.5	3228	218.28	7830	0.88	
7.6	2768	198.30	22500	1.10	R 101W051-30W-4
8.3	2838	178.32	23800	1.20	
9.4	2208	168.78	28300	1.30	
11	1898	128.75	28600	1.60	
12	1748	116.48	27300	1.70	
14	1548	103.44	27600	1.90	
16	1388	92.48	27800	2.20	R 101W051-30W-4
17	1248	83.15	27900	2.40	R 101W051-30W-4
20	1088	72.17	28300	2.80	
22	972	65.21	27700	3.10	
24	890	60.90	27000	3.40	
27	798	53.21	28100	3.80	
30	719	47.58	25300	4.20	
11	1868	124.97	19100	0.85	
12	1768	118.43	18700	0.90	R 101W051-30W-4
14	1548	103.44	17000	1.00	R 101W051-30W-4
15	1388	92.38	17800	1.10	
17	1238	81.92	18900	1.25	
18	1088	72.57	18900	1.45	
22	860	63.88	20200	1.60	
23	960	60.90	20800	1.70	R 101W051-30W-4
27	788	62.82	20800	1.80	R 101W051-30W-4
36	710	47.58	20000	2.20	
44	620	41.14	18800	2.80	
38	590	38.44	18200	2.80	
43	485	32.48	18500	3.20	
41	515	34.48	18800	2.90	
46	470	31.48	18000	3.30	R 101W051-30W-4
51	415	27.84	17500	3.70	R 101W051-30W-4
60	360	23.48	16800	4.40	
66	323	21.21	16400	4.70	
21	980	68.77	5470	0.88	
24	860	57.88	5540	0.90	R 101W051-30W-4
27	775	52.57	60000	1.00	R 101W051-30W-4
31	685	48.81	11000	1.20	
33	648	43.28	11000	1.25	
38	550	36.83	11800	1.50	R 101W051-30W-4
42	500	33.47	12100	1.65	R 101W051-30W-4
48	430	29.26	12100	1.80	
56	375	25.23	11700	2.10	
60	340	23.37	11400	2.30	
66	320	21.41	11000	2.50	
75	280	19.60	10600	2.80	R 101W051-30W-4
79	280	17.82	10600	2.80	R 101W051-30W-4
90	240	16.68	9500	3.20	
100	210	14.08	9810	3.40	
38	588	38.88	7830	1.00	R 101W051-30W-4
38	580	37.56	8820	1.00	
44	480	32.27	8760	1.10	R 101W051-30W-4
49	430	29.83	9180	1.20	
60	350	23.44	9140	1.60	
71	295	19.66	8760	2.00	
79	270	17.88	8820	2.20	
90	225	15.79	8240	2.40	
90	220	16.81	8110	2.80	R 101W051-30W-4
122	172	11.64	7880	2.80	
122	172	11.64	7880	2.80	
141	149	10.06	7250	3.20	
162	130	8.12	6860	3.40	
181	111	6.93	6100	3.80	
38	595	37.90	4490	0.90	
40	528	35.07	3710	0.85	R 101W051-30W-4
47	450	30.18	5030	1.00	R 101W051-30W-4
52	400	26.97	4860	1.10	
64	326	21.93	4800	1.60	
76	275	18.66	4860	1.60	
84	250	16.78	4870	1.60	
85	230	14.77	4450	2.00	R 101W051-30W-4
101	210	12.90	4450	2.20	R 101W051-30W-4
109	177	11.88	4230	2.30	R 101W051-30W-4
131	161	10.78	4140	2.40	
131	138	9.33	4800	2.70	
155	105	8.68	3640	2.80	
177	118	7.87	3880	3.00	
186	308	26.31	4370	2.70	
190	182	14.96	4320	2.30	
214	169	12.32	3860	2.70	
147	143	10.60	4020	3.10	R 101W051-30W-4
163	128	10.78	3820	3.80	
185	114	10.17	3580	4.00	
196	107	9.86	3740	4.80	
73	295	19.27	3650	1.00	
87	240	16.27	3460	1.20	
87	235	14.58	3680	1.20	
112	187	12.84	3310	1.50	
123	165	11.70	3270	1.60	
139	161	10.18	3160	1.80	R 101W051-30W-4
158	120	9.67	2890	1.60	R 101W051-30W-4
175	116	8.68	2800	1.80	
182	118	7.30	2910	1.80	
203	104	6.95	2840	1.50	
238	89	6.00	2740	1.50	
244	84	5.64	2600	1.60	
281	72	4.83	2800	2.10	
325	65	4.34	2530	2.30	
388	57	3.83	2440	2.80	
117	178	23.28	5050	1.70	
128	188	21.81	5230	1.80	
146	162	19.44	5160	2.00	
183	138	17.88	5100	2.10	R 101W051-30W-4
187	112	16.22	3620	2.20	R 101W051-30W-4
187	112	16.86	3620	2.20	R 101W051-30W-4
219	97	12.54	2850	2.80	
231	91	11.79	2800	2.70	



输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	减速 比 Reduction factor i ₀	机型号 Model
2.2kW					
289	70	10.15	2790	2.8	R 47 W552-DK9-2
301	70	9.07	2620	3.2	RF 47 W552-DK9-2
341	82	8.01	2530	3.3	
80	230	16.68	1070	8.88	R 127 W552-DK9-4
180	199	13.23	1680	8.95	RF 127 W552-DK9-4
118	176	11.33	1680	1.08	
140	151	10.11	2380	1.15	
149	141	9.37	2480	1.20	
177	139	7.87	2180	1.38	
211	99	6.67	2470	1.48	R 127 W552-DK9-4
249	84	5.67	2370	1.70	RF 127 W552-DK9-4
570	58	5.69	2670	1.86	
326	84	6.32	2470	1.90	
345	80	4.05	2570	2.9	
416	91	3.61	2270	2.2	
141	149	18.31	2380	1.26	R 127 W552-DK9-2
151	139	18.08	2670	1.38	RF 127 W552-DK9-2
175	122	15.66	2180	1.60	
294	102	13.78	2720	1.68	
321	91	11.81	2650	2.3	
370	78	10.11	2680	2.2	
388	73	9.47	2570	2.3	
742	61	7.07	2470	2.5	R 127 W552-DK9-2
409	51	6.67	2280	2.8	RF 127 W552-DK9-2
480	44	5.67	2180	3.3	
540	38	5.68	2220	3.3	
632	33	4.32	2030	3.8	
675	31	4.03	1980	3.8	
681	26	3.41	1990	4.3	
3.0kW					
1.2	30906	11.23	12000	8.85	
1.4	18806	989	12000	9.88	
1.8	15906	681	12000	1.15	R 147 W552-DK9-4
1.8	14206	780	12000	1.26	RF 147 W552-DK9-4
2.1	12106	656	13060	1.56	
2.8	9082	833	12000	1.98	
2.8	9888	833	12000	1.30	
3.8	6548	462	10700	1.56	
3.3	7948	426	78400	1.88	R 147 W552-DK9-4
3.8	6968	368	71500	1.90	RF 147 W552-DK9-4
4.3	6878	328	72800	2.1	
5.5	5458	280	73500	2.5	
1.6	18806	888	26200	0.93	
1.6	14736	784	54500	0.99	R 147 W552-DK9-2
2.0	13206	888	82700	1.05	RF 147 W552-DK9-2
2.5	11606	676	65200	1.15	
2.8	12006	688	87100	1.23	
2.8	9168	480	65800	1.36	
3.3	7998	426	53400	1.58	
3.8	7152	381	58100	1.62	R 147 W552-DK9-2
4.3	6878	328	56800	1.70	RF 147 W552-DK9-2
4.8	6488	293	58700	1.68	
5.5	4718	256	58700	1.76	
6.3	4188	223	68500	1.90	
2.7	5878	617	36800	0.86	R 147 W552-DK9-4
3.1	5888	483	31200	0.88	RF 147 W552-DK9-4
3.5	4738	253	25800	0.86	R 147 W552-DK9-4
6.5	4318	214	51600	1.08	RF 147 W552-DK9-4
7.5	3908	187	33200	1.25	
5.5	4070	250	26200	0.99	R 147 W552-DK9-4

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	减速 比 Reduction factor i ₀	机型号 Model
3.0kW					
3.2	5888	222.80	50200	8.80	
3.2	5888	222.80	54400	1.03	R 127 W552-DK9-2
4.1	6848	174.40	55500	1.15	RF 127 W552-DK9-2
4.8	6202	156.31	57600	1.20	
5.4	5628	141.12	57600	1.40	
5.8	5100	128.16	58200	1.50	
6.3	4828	113.72	59500	1.75	R 127 W552-DK9-2
7.8	4111	103.20	59500	1.90	RF 127 W552-DK9-2
8.1	3636	88.76	59500	2.3	
4.3	6788	222.80	58800	1.20	
5.8	5246	156.45	57400	1.40	R 127 W552-DK9-2
6.4	5328	174.40	58600	1.80	RF 127 W552-DK9-2
6.8	4766	156.31	57400	1.80	
6.7	4320	141.12	60200	1.88	
7.3	3818	128.16	59600	2.8	R 127 W552-DK9-2
8.3	3418	113.72	60200	2.3	RF 127 W552-DK9-2
9.1	3156	103.20	60200	2.5	
8.8	4888	188.88	21800	8.80	R 127 W552-DK9-2
21.8	4328	141.81	20500	1.80	RF 127 W552-DK9-2
7.4	3888	122.88	21800	1.10	
6.1	4718	226.95	20500	8.80	
6.8	4168	203.38	20200	1.88	
8.1	3628	172.34	23100	1.20	
8.8	3248	156.45	24400	1.30	
9.3	2908	141.83	25300	1.50	R 127 W552-DK9-4
11	2618	127.85	26500	1.85	RF 127 W552-DK9-4
12	2378	118.83	26200	1.80	
14	2108	102.85	26700	2.3	
15	1908	92.70	26500	2.3	
16	1818	78.57	26500	2.3	R 127 W552-DK9-4
18	1488	72.88	25200	2.8	RF 127 W552-DK9-4
9.3	3098	156.76	92000	8.85	
11	2398	128.70	23800	1.15	
12	2388	118.48	24700	1.25	
14	2128	103.44	25800	1.40	
15	1908	92.48	26500	1.80	
17	1708	82.13	27300	1.75	
19	1458	72.17	27800	2.3	R 127 W552-DK9-4
21	1328	68.21	27800	2.3	RF 127 W552-DK9-4
25	1238	58.92	26400	2.5	
26	1088	53.21	26800	2.8	
29	873	47.58	24800	3.1	
33	888	42.78	24800	3.4	
36	768	37.13	25100	4.8	
47	688	33.22	23000	4.3	
56	1818	92.36	36200	8.60	
17	1888	81.88	32000	8.80	R 147 W552-DK9-4
19	1408	72.57	17400	1.85	RF 147 W552-DK9-4
22	1328	63.88	18400	1.20	
23	1238	60.35	18800	1.25	
23	1058	52.82	18500	1.40	
29	873	47.58	19800	1.80	R 147 W552-DK9-4
34	950	41.74	18400	1.80	RF 147 W552-DK9-4
38	738	38.84	18700	2.3	
43	670	35.86	18100	2.3	
80	873	27.88	17800	2.8	
41	705	34.40	18400	3.1	
45	843	30.40	17800	3.4	
50	573	27.84	17400	2.7	
80	488	23.40	18500	3.3	R 147 W552-DK9-4
85	443	21.51	16100	3.4	RF 147 W552-DK9-4
72	388	18.12	18800	2.7	
82	353	17.35	15100	4.8	
81	318	18.38	14800	4.3	

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	减速 比 Reduction factor i ₀	机型号 Model
3.0kW					
31	943	45.81	8970	0.88	
32	890	43.28	8770	0.98	R 127 W552-DK9-4
38	758	36.83	10500	1.18	RF 127 W552-DK9-4
42	685	33.47	11000	1.28	
48	588	28.08	11600	1.42	R 127 W552-DK9-4
55	515	25.23	11500	1.58	RF 127 W552-DK9-4
68	460	23.37	11100	1.79	
88	443	21.43	10800	1.88	
74	405	18.66	10500	2.0	
78	368	17.02	10300	2.1	
90	329	15.66	9900	2.3	R 127 W552-DK9-4
100	292	14.08	8700	2.5	RF 127 W552-DK9-4
114	250	12.33	8350	2.7	
126	228	10.88	8080	3.0	
145	197	9.64	8120	3.2	
163	178	8.68	8500	3.6	
181	158	7.16	8240	3.8	
296	139	6.78	7900	4.2	
76	420	23.44	8700	1.15	
72	420	18.88	8420	1.45	
78	368	17.06	8290	1.63	
88	329	15.78	7980	1.75	R 127 W552-DK9-4
94	305	14.61	7650	1.89	RF 127 W552-DK9-4
110	280	12.78	7680	2.0	
121	255	11.54	7600	2.1	
140	238	10.08	7080	2.3	
32	580	26.87	4338	8.80	R 127 W552-DK9-4
33	580	26.87	4338	8.80	RF 127 W552-DK9-4
64	440	21.85	4348	1.08	R 127 W552-DK9-4
75	388	18.80	4308	1.23	RF 127 W552-DK9-4
83	345	16.79	4258	1.33	
95	305	14.71	4158	1.45	
100	288	13.88	4138	1.58	
110	245	11.88	4818	1.65	
130	220	10.78	3848	1.78	
141	211	9.25	3628	1.95	
155	188	8.08	3818	2.0	RF 127 W552-DK9-4
170	183	7.30	3708	2.2	
186	154	7.53	3658	2.5	
218	121	6.41	3558	2.8	
240	118	5.82	3458	2.7	
277	103	5.08	3318	3.0	
319	98	4.36	3198	3.1	
128	228	21.83	3888	2.9	
151	196	18.60	3828	2.4	
187	170	16.79	3738	2.8	R 127 W552-DK9-2
190	151	15.71	3628	2.9	RF 127 W552-DK9-2
201	143	13.85	3878	3.0	
226	122	11.88	3448	3.3	
269	118	10.79	3368	3.5	
88	335	16.22	2238	0.88	R 127 W552-DK9-4
96	306	14.96	2208	0.98	RF 127 W552-DK9-4
112	238	12.94	2048	0.98	
119	240	11.79	2048	1.05	
138	212	10.15	2078	1.12	
154	186	9.07	2018	1.23	
175	164	8.01	2048	1.33	
181	156	7.78	2748	1.05	R 127 W552-DK9-4
201	163	8.88	2888	1.13	RF 127 W552-DK9-4
233	123	6.06	2818	1.26	R 127 W552-DK9-4
248	118	8.64	2888	1.33	
286	98	4.85	2498	1.58	
323	88	4.34	2438	1.68	
365	78	3.93	2268	1.65	

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	减速 比 Reduction factor i ₀	机型号 Model
3.0kW					
231	121	11.78	2570	2.0	
270	104	13.18	2380	2.3	
308	89	14.78	2210	2.4	
349	82	16.51	2030	2.8	
381	79	17.78	2070	2.1	RP 47 W353.009-2
422	71	19.86	2210	2.2	RP 47 W353.009-2
467	61	20.98	2220	2.5	
486	68	4.64	2180	2.7	
571	50	4.65	2160	3.0	
646	44	4.34	2440	3.3	
721	39	3.03	1970	3.7	
4.0kW					
129	205	12.11	793	3.85	R 37 W553.009-4
145	184	0.47	1815	3.86	RP 27 W553.009-4
176	163	7.87	1515	3.95	
210	127	6.87	1250	1.08	
247	116	5.17	1435	1.10	
277	104	5.88	1220	1.33	
324	68	4.32	2076	1.45	RP 27 W553.009-4
346	85	4.44	2145	1.45	
411	78	3.41	2190	1.68	
277	183	13.11	2348	1.68	
296	97	9.47	2268	1.78	
351	82	7.87	2290	1.98	
420	88	6.87	2175	2.1	
436	98	5.67	2290	2.5	
583	50	5.08	2538	2.8	
646	44	4.32	1958	2.8	
721	47	4.63	2190	3.3	
621	35	4.41	1848	3.2	
4.6kW					
1.6	21208	881	12000	3.88	
1.9	18708	760	12000	3.95	
2.2	18808	680	12000	1.16	RP 11787-07 W553.009-4
2.5	12908	569	12000	1.55	RP 11787-07 W553.009-4
2.8	12908	378	12000	1.55	
3.2	8198	335	12000	2.26	
5.0kW					
3.7	13108	633	82000	1.08	
3.1	11308	462	65600	1.15	
3.3	10908	428	87100	1.29	
3.9	9808	309	69100	1.45	
4.4	8812	328	72300	1.60	RP 11787-07 W553.009-4
5.1	6885	260	71600	1.98	RP 11787-07 W553.009-4
5.7	6950	247	72200	2.2	
6.7	6273	214	72600	2.8	
7.5	4629	189	73200	2.8	
8.9	3882	158	73800	3.3	
5.5kW					
2.2	15208	819	48300	3.85	
2.5	13808	688	87000	3.95	RP 11787-07 W553.009-4
2.9	12108	489	62400	1.16	RP 11787-07 W553.009-4
3.4	10208	418	87400	1.29	
6.0kW					
3.7	9438	381	45400	3.85	
4.4	8800	323	53400	1.08	RP 11787-07 W553.009-4
4.9	7200	281	55000	1.16	RP 11787-07 W553.009-4
5.6	6290	285	88600	1.29	
8.3	5828	223	57700	1.45	
6.5kW					
3.8	9443	378	48300	3.85	
4.7	6882	339	64800	3.95	
4.8	1458	287	56500	1.08	RP 11787-07 W553.009-4



输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	安装 尺寸 Mounting factor K _s	机座号 Model
4.0kW					
7.8	4620	187	27800	0.98	R 40/107T/1054-000-4 R 107/107T/1054-000-4
7.2	4848	193	31430	0.96	R 40/107T/1054-000-4
8.3	4848	172	28330	0.90	R 40/107T/1054-000-4
4.4	6802	231	68000	1.0	R 40/107T/1054-000-4
4.9	7798	148	91000	1.65	R 147/1054-000-8
6.0	6368	118.86	71900	2.0	R 147/1054-000-8
6.6	5808	106.31	72400	2.0	R 147/1054-000-8
4.1	9258	174.49	48430	0.98	R 40/107T/1054-000-4
4.6	9260	186.37	42730	0.95	R 40/107T/1054-000-4
5.1	7498	141.12	54430	1.05	R 147/1054-000-8
5.38	6802	121.82	67730	1.05	R 147/1054-000-8
6.3	6856	115.72	67730	1.05	R 147/1054-000-8
7.0	5478	103.28	57830	1.48	R 147/1054-000-8
8.0	6808	222.68	80330	0.90	R 40/107T/1054-000-4
5.1	7908	189.45	64430	1.05	R 147/1054-000-8
5.1	6940	174.49	55000	1.15	R 147/1054-000-8
6.1	6226	186.31	46730	0.98	R 147/1054-000-8
6.8	5628	141.12	57630	1.48	R 147/1054-000-8
7.8	8108	128.18	88330	1.58	R 147/1054-000-8
8.4	8328	113.72	88000	1.78	R 147/1054-000-8
9.3	4118	163.28	60430	1.95	R 147/1054-000-8
11	3808	88.73	58930	2.3	R 147/1054-000-8
6.2	4848	172.34	27800	0.95	R 40/107T/1054-000-4
6.8	4278	158.88	29600	1.05	R 40/107T/1054-000-4
10	3828	161.85	31800	1.18	R 40/107T/1054-000-4
11	3438	127.85	32400	1.25	R 40/107T/1054-000-4
12	2118	118.83	34800	1.40	R 40/107T/1054-000-4
14	2058	102.55	35700	1.55	R 40/107T/1054-000-4
16	2498	92.70	36200	1.70	R 40/107T/1054-000-4
18	2118	78.57	34800	2.0	R 40/107T/1054-000-4
20	1968	72.88	34200	2.2	R 40/107T/1054-000-4
22	1788	68.88	33600	2.4	R 40/107T/1054-000-4
24	1608	58.41	32900	2.7	R 40/107T/1054-000-4
27	1428	50.88	31300	3.0	R 40/107T/1054-000-4
12	3130	118.88	13800	0.88	R 40/107T/1054-000-4
14	2780	103.44	12400	1.0	R 40/107T/1054-000-4
15	2490	98.48	12100	1.10	R 40/107T/1054-000-4
17	2240	83.18	10600	1.35	R 40/107T/1054-000-4
20	1940	71.12	25600	1.55	R 40/107T/1054-000-4
22	1780	68.21	26800	1.70	R 40/107T/1054-000-4
24	1610	58.93	25500	1.85	R 40/107T/1054-000-4
27	1430	50.21	24700	2.1	R 40/107T/1054-000-4
30	1280	42.78	23400	2.3	R 40/107T/1054-000-4
33	1130	42.78	23400	2.5	R 40/107T/1054-000-4
36	1090	37.13	22500	3.0	R 40/107T/1054-000-4
41	895	39.28	21800	3.5	R 40/107T/1054-000-4
44	888	32.88	20900	4.0	R 40/107T/1054-000-4
52	878	27.19	20800	4.5	R 40/107T/1054-000-4
67	878	23.23	20700	6.2	R 40/107T/1054-000-4
69	868	22.37	19500	6.5	R 40/107T/1054-000-4
71	848	22.54	19400	6.8	R 40/107T/1054-000-4
22	3118	63.68	13300	0.80	R 40/107T/1054-000-4
24	1628	68.35	15900	0.95	R 40/107T/1054-000-4
27	1428	62.82	18300	1.10	R 40/107T/1054-000-4

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	安装 尺寸 Mounting factor K _s	机座号 Model
4.0kW					
36	1280	47.88	18000	1.20	R 40/107T/1054-000-4
36	1128	41.74	16800	1.40	R 40/107T/1054-000-4
39	890	38.84	17400	1.58	R 40/107T/1054-000-4
43	880	33.88	17800	1.78	R 40/107T/1054-000-4
41	758	27.88	16800	2.3	R 40/107T/1054-000-4
41	926	24.40	17800	1.98	R 40/107T/1054-000-4
45	648	19.40	17400	1.85	R 40/107T/1054-000-4
51	758	20.84	16800	2.1	R 40/107T/1054-000-4
61	628	23.40	16700	2.5	R 40/107T/1054-000-4
68	586	21.51	15700	3.8	R 40/107T/1054-000-4
34	818	19.18	15200	3.8	R 40/107T/1054-000-4
40	488	17.08	14700	3.8	R 40/107T/1054-000-4
41	418	15.35	14300	3.8	R 40/107T/1054-000-4
107	368	13.33	13700	3.8	R 40/107T/1054-000-4
119	328	11.93	13000	3.8	R 40/107T/1054-000-4
42	898	38.43	4373	0.88	R 17/1054-000-4
42	808	33.47	49100	0.88	R 17/1054-000-4
49	788	28.30	50300	1.38	R 17/1054-000-4
58	688	28.23	50800	1.78	R 17/1054-000-4
61	638	23.37	50800	1.58	R 17/1054-000-4
88	878	21.43	50800	1.68	R 17/1054-000-4
76	508	18.88	50500	1.55	R 17/1054-000-4
81	428	17.82	49800	1.68	R 17/1054-000-4
81	428	15.95	49300	1.75	R 17/1054-000-4
140	388	14.08	48800	1.98	R 17/1054-000-4
115	338	12.33	49700	2.1	R 17/1054-000-4
131	298	10.88	47800	2.3	R 17/1054-000-4
147	268	9.64	48800	2.4	R 17/1054-000-4
158	248	8.48	48300	2.7	R 17/1054-000-4
183	218	7.14	48700	2.8	R 17/1054-000-4
208	168	6.18	47700	3.2	R 17/1054-000-4
237	161	5.88	44800	3.3	R 17/1054-000-4
267	14	5.31	42300	3.8	R 17/1054-000-4
71	328	18.88	7980	1.70	R 40/107T/1054-000-4
79	488	17.85	7980	1.20	R 40/107T/1054-000-4
80	428	15.79	7680	1.30	R 40/107T/1054-000-4
85	408	14.31	7518	1.35	R 40/107T/1054-000-4
112	248	12.70	2440	1.60	R 40/107T/1054-000-4
123	310	11.54	7680	1.80	R 40/107T/1054-000-4
142	278	10.38	6848	1.75	R 40/107T/1054-000-4
163	228	8.78	6808	1.80	R 40/107T/1054-000-4
182	210	7.79	6448	1.85	R 40/107T/1054-000-4
193	198	7.38	6348	1.85	R 40/107T/1054-000-4
219	159	9.27	6878	1.85	R 40/107T/1054-000-4
249	153	5.78	5628	2.8	R 40/107T/1054-000-4
282	138	4.88	5688	2.3	R 40/107T/1054-000-4
331	118	4.28	5488	3.3	R 40/107T/1054-000-4
76	880	18.88	3878	0.80	R 40/107T/1054-000-4
88	480	17.78	3828	1.80	R 40/107T/1054-000-4
88	380	14.77	3800	1.70	R 40/107T/1054-000-4
102	378	13.88	3788	1.58	R 40/107T/1054-000-4
128	328	11.88	3718	1.28	R 40/107T/1054-000-4
132	280	10.78	3688	1.35	R 40/107T/1054-000-4
152	258	9.38	3588	1.48	R 40/107T/1054-000-4
157	248	9.08	3588	1.88	R 40/107T/1054-000-4
178	218	7.97	3808	1.88	R 40/107T/1054-000-4
188	208	7.53	3478	1.78	R 40/107T/1054-000-4
223	172	6.43	3338	1.88	R 40/107T/1054-000-4
244	157	5.82	3288	2.3	R 40/107T/1054-000-4
284	138	4.88	3188	2.3	R 40/107T/1054-000-4
323	118	4.38	3078	2.4	R 40/107T/1054-000-4

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	安装 尺寸 Mounting factor K _s	机座号 Model
4.0kW					
188	278	15.18	1988	0.88	R 40/107T/1054-000-4
187	248	9.07	2348	0.80	R 40/107T/1054-000-4
177	245	8.01	2448	0.85	R 40/107T/1054-000-4
214	248	7.88	2448	0.85	R 40/107T/1054-000-4
237	181	6.08	2438	0.88	R 40/107T/1054-000-4
252	152	5.64	2418	1.80	R 40/107T/1054-000-4
273	171	4.88	2388	1.5	R 40/107T/1054-000-4
327	117	4.34	2308	1.28	R 40/107T/1054-000-4
371	133	3.63	2258	1.40	R 40/107T/1054-000-4
176	215	18.22	2648	1.25	R 40/107T/1054-000-4
198	188	14.58	2628	1.35	R 40/107T/1054-000-4
228	188	12.84	2648	1.80	R 40/107T/1054-000-4
344	158	11.78	2618	1.55	R 40/107T/1054-000-4
382	138	10.10	2448	1.70	R 40/107T/1054-000-4
418	121	8.07	2388	1.80	R 40/107T/1054-000-4
357	137	8.01	2328	1.80	R 40/107T/1054-000-4
369	104	7.78	2258	1.95	R 40/107T/1054-000-4
411	93	6.88	2208	1.70	R 40/107T/1054-000-4
477	68	2.68	2138	1.85	R 40/107T/1054-000-4
557	75	5.64	2108	2.1	R 40/107T/1054-000-4
688	68	4.88	2028	2.3	R 40/107T/1054-000-4
688	68	4.34	1878	2.8	R 40/107T/1054-000-4
748	51	3.63	1818	2.8	R 40/107T/1054-000-4
2.3	22308	688	12008	0.80	R 40/107T/1054-000-4
2.8	18308	578	12008	0.88	R 40/107T/1054-000-4
3.3	14508	565	12008	1.05	R 40/107T/1054-000-4
3.3	14408	432	12008	1.05	R 40/107T/1054-000-4
3.8	12808	378	12008	1.48	R 40/107T/1054-000-4
4.3	11268	337	12008	1.55	R 40/107T/1054-000-4
4.7	10708	303	12008	1.80	R 40/107T/1054-000-4
5.1	8310	278	12008	1.85	R 40/107T/1054-000-4
3.1	18808	482	43780	0.85	R 17/1054-000-4
3.3	14408	425	52800	0.88	R 17/1054-000-4
3.3	14408	388	52800	1.05	R 17/1054-000-4
4.4	11088	328	48330	1.2	R 17/1054-000-4
5.1	8430	280	48330	1.3	R 17/1054-000-4
6.8	8380	241	48330	1.55	R 17/1054-000-4
6.7	71708	214	17330	1.8	R 17/1054-000-4
7.8	6340	189	17330	2.0	R 17/1054-000-4
3.1	17300	229.71	12008	1.85	R 40/107T/1054-000-4
3.8	13880	188.83	12008	1.20	R 40/107T/1054-000-4
4.8	11380	183.87	12008	1.88	R 40/107T/105



额定 输出 功率 P ₂ [kW]	额定 输出 转矩 T ₂ [N·m]	传动 比 i	额定 输入 功率 P ₁ [kW]	额定 输入 转矩 T ₁ [N·m]	效率 η	型式 代号
Output power P ₂ [kW]	Output torque T ₂ [N·m]	Ratio i	Input power P ₁ [kW]	Input torque T ₁ [N·m]	Efficiency η	Model

5.5kW

91	580	15.78	681.5	0.85		
98	630	16.81	689.2	1.00		
113	680	17.38	681.5	1.10		
124	730	18.41	689.2	1.20		
143	780	19.44	689.2	1.30		
154	830	20.47	689.2	1.40		
165	880	21.50	689.2	1.50		
184	930	22.53	689.2	1.60		
195	980	23.56	689.2	1.70		
210	1030	24.59	689.2	1.80		
230	1130	26.12	689.2	1.90		
250	1230	27.15	689.2	2.00		
270	1330	28.18	689.2	2.10		
290	1430	29.21	689.2	2.20		
310	1530	30.24	689.2	2.30		
330	1630	31.27	689.2	2.40		
350	1730	32.30	689.2	2.50		
370	1830	33.33	689.2	2.60		
390	1930	34.36	689.2	2.70		
410	2030	35.39	689.2	2.80		
430	2130	36.42	689.2	2.90		
450	2230	37.45	689.2	3.00		
470	2330	38.48	689.2	3.10		
490	2430	39.51	689.2	3.20		
510	2530	40.54	689.2	3.30		
530	2630	41.57	689.2	3.40		
550	2730	42.60	689.2	3.50		
570	2830	43.63	689.2	3.60		
590	2930	44.66	689.2	3.70		
610	3030	45.69	689.2	3.80		
630	3130	46.72	689.2	3.90		
650	3230	47.75	689.2	4.00		
670	3330	48.78	689.2	4.10		
690	3430	49.81	689.2	4.20		
710	3530	50.84	689.2	4.30		
730	3630	51.87	689.2	4.40		
750	3730	52.90	689.2	4.50		
770	3830	53.93	689.2	4.60		
790	3930	54.96	689.2	4.70		
810	4030	55.99	689.2	4.80		
830	4130	57.02	689.2	4.90		
850	4230	58.05	689.2	5.00		
870	4330	59.08	689.2	5.10		
890	4430	60.11	689.2	5.20		
910	4530	61.14	689.2	5.30		
930	4630	62.17	689.2	5.40		
950	4730	63.20	689.2	5.50		
970	4830	64.23	689.2	5.60		
990	4930	65.26	689.2	5.70		
1010	5030	66.29	689.2	5.80		
1030	5130	67.32	689.2	5.90		
1050	5230	68.35	689.2	6.00		
1070	5330	69.38	689.2	6.10		
1090	5430	70.41	689.2	6.20		
1110	5530	71.44	689.2	6.30		
1130	5630	72.47	689.2	6.40		
1150	5730	73.50	689.2	6.50		
1170	5830	74.53	689.2	6.60		
1190	5930	75.56	689.2	6.70		
1210	6030	76.59	689.2	6.80		
1230	6130	77.62	689.2	6.90		
1250	6230	78.65	689.2	7.00		
1270	6330	79.68	689.2	7.10		
1290	6430	80.71	689.2	7.20		
1310	6530	81.74	689.2	7.30		
1330	6630	82.77	689.2	7.40		
1350	6730	83.80	689.2	7.50		
1370	6830	84.83	689.2	7.60		
1390	6930	85.86	689.2	7.70		
1410	7030	86.89	689.2	7.80		
1430	7130	87.92	689.2	7.90		
1450	7230	88.95	689.2	8.00		
1470	7330	89.98	689.2	8.10		
1490	7430	91.01	689.2	8.20		
1510	7530	92.04	689.2	8.30		
1530	7630	93.07	689.2	8.40		
1550	7730	94.10	689.2	8.50		
1570	7830	95.13	689.2	8.60		
1590	7930	96.16	689.2	8.70		
1610	8030	97.19	689.2	8.80		
1630	8130	98.22	689.2	8.90		
1650	8230	99.25	689.2	9.00		
1670	8330	100.28	689.2	9.10		
1690	8430	101.31	689.2	9.20		
1710	8530	102.34	689.2	9.30		
1730	8630	103.37	689.2	9.40		
1750	8730	104.40	689.2	9.50		
1770	8830	105.43	689.2	9.60		
1790	8930	106.46	689.2	9.70		
1810	9030	107.49	689.2	9.80		
1830	9130	108.52	689.2	9.90		
1850	9230	109.55	689.2	10.00		
1870	9330	110.58	689.2	10.10		
1890	9430	111.61	689.2	10.20		
1910	9530	112.64	689.2	10.30		
1930	9630	113.67	689.2	10.40		
1950	9730	114.70	689.2	10.50		
1970	9830	115.73	689.2	10.60		
1990	9930	116.76	689.2	10.70		
2010	10030	117.79	689.2	10.80		
2030	10130	118.82	689.2	10.90		
2050	10230	119.85	689.2	11.00		
2070	10330	120.88	689.2	11.10		
2090	10430	121.91	689.2	11.20		
2110	10530	122.94	689.2	11.30		
2130	10630	123.97	689.2	11.40		
2150	10730	125.00	689.2	11.50		
2170	10830	126.03	689.2	11.60		
2190	10930	127.06	689.2	11.70		
2210	11030	128.09	689.2	11.80		
2230	11130	129.12	689.2	11.90		
2250	11230	130.15	689.2	12.00		
2270	11330	131.18	689.2	12.10		
2290	11430	132.21	689.2	12.20		
2310	11530	133.24	689.2	12.30		
2330	11630	134.27	689.2	12.40		
2350	11730	135.30	689.2	12.50		
2370	11830	136.33	689.2	12.60		
2390	11930	137.36	689.2	12.70		
2410	12030	138.39	689.2	12.80		
2430	12130	139.42	689.2	12.90		
2450	12230	140.45	689.2	13.00		
2470	12330	141.48	689.2	13.10		
2490	12430	142.51	689.2	13.20		
2510	12530	143.54	689.2	13.30		
2530	12630	144.57	689.2	13.40		
2550	12730	145.60	689.2	13.50		
2570	12830	146.63	689.2	13.60		
2590	12930	147.66	689.2	13.70		
2610	13030	148.69	689.2	13.80		
2630	13130	149.72	689.2	13.90		
2650	13230	150.75	689.2	14.00		
2670	13330	151.78	689.2	14.10		
2690	13430	152.81	689.2	14.20		
2710	13530	153.84	689.2	14.30		
2730	13630	154.87	689.2	14.40		
2750	13730	155.90	689.2	14.50		
2770	13830	156.93	689.2	14.60		
2790	13930	157.96	689.2	14.70		
2810	14030	158.99	689.2	14.80		
2830	14130	160.02	689.2	14.90		
2850	14230	161.05	689.2	15.00		
2870	14330	162.08	689.2	15.10		
2890	14430	163.11	689.2	15.20		
2910	14530	164.14	689.2	15.30		
2930	14630	165.17	689.2	15.40		
2950	14730	166.20	689.2	15.50		
2970	14830	167.23	689.2	15.60		
2990	14930	168.26	689.2	15.70		
3010	15030	169.29	689.2	15.80		
3030	15130	170.32	689.2	15.90		
3050	15230	171.35	689.2	16.00		
3070	15330	172.38	689.2	16.10		
3090	15430	173.41	689.2	16.20		
3110	15530	174.44	689.2	16.30		
3130	15630	175.47	689.2	16.40		
3150	15730	176.50	689.2	16.50		
3170	15830	177.53	689.2	16.60		
3190	15930	178.56	689.2	16.70		
3210	16030	179.59	689.2	16.80		
3230	16130	180.62	689.2	16.90		
3250	16230	181.65	689.2	17.00		
3270	16330	182.68	689.2	17.10		
3290	16430	183.71	689.2	17.20		
3310	16530	184.74	689.2	17.30		
3330	16630	185.77	689.2	17.40		
3350	16730	186.80	689.2	17.50		
3370	16830	187.83	689.2	17.60		
3390	16930	188.86	689.2	17.70		
3410	17030	189.89	689.2	17.80		
3430	17130	190.92	689.2	17.90		
3450	17230	191.95	689.2	18.00		
3470	17330	192.98	689.2	18.10		
3490	17430	194.01	689.2	18.20		
3510	17530	195.04	689.2	18.30		
3530	17630	196.07	689.2	18.40		
3550	17730	197.10	689.2	18.50		
3570	17830	198.13	689.2	18.60		
3590	17930	199.16	689.2	18.70		
3610	18030	200.19	689.2	18.80		
3630	18130	201.22	689.2	18.90		
3650	18230	202.25	689.2	19.00		
3670	18330	203.28	689.2	19.10		
3690	18430	204.31	689.2	19.20		
3710	18530	205.34	689.2	19.30		
3730	18630	206.37	689.2	19.40		
3750	18730	207.40	689.2	19.50		
3770	18830	208.43	689.2	19.60		
3790	18930	209.46	689.2	19.70		
3810	19030	210.49	689.2	19.80		
3830	19130	211.52	689.2	19.90		
3850	19230	212.55	689.2	20.00		
3870	19330	213.58	689.2	20.10		
3890	19430	214.61	689.2	20.20		
3910	19530	215.64	689.2	20.30		
3930	19630	216.67	689.2	20.40		
3950	19730	217.70	689.2	20.50		
3970	19830	218.73	689.2	20.60		
3990	19930	219.76	689.2	20.70		
4010	20030	220.79	689.2	20.80		
4030	20130	221.82	689.2	20.90		
4050	20230	222.85	689.2	21.00		
4070	20330	223.88	689.2	21.10		
4090	20430	224.91	689.2	21.20		
4110	20530	225.94	689.2	21.30		



输出 速度 Output speed n ₂ [rpm]	输出 扭矩 Output torque M ₂ [N·m]	传动 比 Ratio i	额定 功率 Permitted overload load P _N [kW]	使用 系数 Service factor K _s	机型号 Model
9.2kW					
593	148	2.43	2010	1.45	
630	132	2.13	1965	1.45	RC 77 D132M-L
710	115	1.86	2020	1.65	RC 77 D132M-L
804	102	1.67	2080	1.75	
1030	87	1.42	2160	1.80	
11.0kW					
4.8	18600	280	123000	0.90	
3.3	18120	270	123000	1.00	RC 107W110T-W220-L
2.2	17320	220	123000	1.20	RC 107W110T-W220-L
1.2	13420	250	123000	1.35	
0.5	11700	160	123000	1.60	
4.8	18600	290	126000	0.90	RC 107W110T-W220-L
3.3	18120	280	126000	1.00	RC 107W110T-W220-L
2.2	17320	230	126000	1.20	RC 107W110T-W220-L
1.2	13420	260	126000	1.35	
0.5	11700	170	126000	1.60	
4.8	22800	330	126000	0.90	RC 107W110T-W220-L
3.3	20320	320	126000	1.00	RC 107W110T-W220-L
2.2	18720	270	126000	1.20	RC 107W110T-W220-L
1.2	14320	240	126000	1.35	
0.5	12720	180	126000	1.60	
4.8	22800	340	129000	0.90	RC 107W110T-W220-L
3.3	20320	330	129000	1.00	RC 107W110T-W220-L
2.2	18720	280	129000	1.20	
1.2	14320	250	129000	1.35	
0.5	12720	190	129000	1.60	
4.8	29020	380	129000	0.90	RC 107W110T-W220-L
3.3	26120	370	129000	1.00	RC 107W110T-W220-L
2.2	24120	320	129000	1.20	
1.2	18320	290	129000	1.35	
0.5	16320	220	129000	1.60	
4.8	29020	390	132000	0.90	RC 107W110T-W220-L
3.3	26120	380	132000	1.00	RC 107W110T-W220-L
2.2	24120	330	132000	1.20	
1.2	18320	300	132000	1.35	
0.5	16320	230	132000	1.60	
4.8	35200	420	132000	0.90	RC 107W110T-W220-L
3.3	31720	410	132000	1.00	RC 107W110T-W220-L
2.2	29220	360	132000	1.20	
1.2	21720	330	132000	1.35	
0.5	19220	260	132000	1.60	
4.8	35200	430	135000	0.90	RC 107W110T-W220-L
3.3	31720	420	135000	1.00	RC 107W110T-W220-L
2.2	29220	370	135000	1.20	
1.2	21720	340	135000	1.35	
0.5	19220	270	135000	1.60	
4.8	41420	460	135000	0.90	RC 107W110T-W220-L
3.3	37420	450	135000	1.00	RC 107W110T-W220-L
2.2	34420	400	135000	1.20	
1.2	25720	370	135000	1.35	
0.5	22720	300	135000	1.60	
4.8	41420	470	138000	0.90	RC 107W110T-W220-L
3.3	37420	460	138000	1.00	RC 107W110T-W220-L
2.2	34420	410	138000	1.20	
1.2	25720	380	138000	1.35	
0.5	22720	310	138000	1.60	
4.8	47620	500	138000	0.90	RC 107W110T-W220-L
3.3	43620	490	138000	1.00	RC 107W110T-W220-L
2.2	40620	440	138000	1.20	
1.2	30720	410	138000	1.35	
0.5	27720	340	138000	1.60	
4.8	53820	540	138000	0.90	RC 107W110T-W220-L
3.3	49820	530	138000	1.00	RC 107W110T-W220-L
2.2	46820	480	138000	1.20	
1.2	35720	450	138000	1.35	
0.5	32720	380	138000	1.60	
4.8	53820	550	141000	0.90	RC 107W110T-W220-L
3.3	49820	540	141000	1.00	RC 107W110T-W220-L
2.2	46820	490	141000	1.20	
1.2	35720	460	141000	1.35	
0.5	32720	390	141000	1.60	
4.8	59920	580	141000	0.90	RC 107W110T-W220-L
3.3	55920	570	141000	1.00	RC 107W110T-W220-L
2.2	52920	520	141000	1.20	
1.2	40720	490	141000	1.35	
0.5	37720	420	141000	1.60	
4.8	59920	590	144000	0.90	RC 107W110T-W220-L
3.3	55920	580	144000	1.00	RC 107W110T-W220-L
2.2	52920	530	144000	1.20	
1.2	40720	500	144000	1.35	
0.5	37720	430	144000	1.60	
4.8	66020	620	144000	0.90	RC 107W110T-W220-L
3.3	62020	610	144000	1.00	RC 107W110T-W220-L
2.2	59020	560	144000	1.20	
1.2	45720	530	144000	1.35	
0.5	42720	460	144000	1.60	
4.8	66020	630	147000	0.90	RC 107W110T-W220-L
3.3	62020	620	147000	1.00	RC 107W110T-W220-L
2.2	59020	570	147000	1.20	
1.2	45720	540	147000	1.35	
0.5	42720	470	147000	1.60	
4.8	72220	660	147000	0.90	RC 107W110T-W220-L
3.3	68220	650	147000	1.00	RC 107W110T-W220-L
2.2	65220	600	147000	1.20	
1.2	50720	570	147000	1.35	
0.5	47720	500	147000	1.60	
4.8	72220	670	150000	0.90	RC 107W110T-W220-L
3.3	68220	660	150000	1.00	RC 107W110T-W220-L
2.2	65220	610	150000	1.20	
1.2	50720	580	150000	1.35	
0.5	47720	510	150000	1.60	
4.8	78420	700	150000	0.90	RC 107W110T-W220-L
3.3	74420	690	150000	1.00	RC 107W110T-W220-L
2.2	71420	640	150000	1.20	
1.2	55720	610	150000	1.35	
0.5	52720	540	150000	1.60	
4.8	78420	710	153000	0.90	RC 107W110T-W220-L
3.3	74420	700	153000	1.00	RC 107W110T-W220-L
2.2	71420	650	153000	1.20	
1.2	55720	620	153000	1.35	
0.5	52720	550	153000	1.60	
4.8	84620	740	153000	0.90	RC 107W110T-W220-L
3.3	80620	730	153000	1.00	RC 107W110T-W220-L
2.2	77620	680	153000	1.20	
1.2	61720	650	153000	1.35	
0.5	58720	580	153000	1.60	
4.8	84620	750	156000	0.90	RC 107W110T-W220-L
3.3	80620	740	156000	1.00	RC 107W110T-W220-L
2.2	77620	690	156000	1.20	
1.2	61720	660	156000	1.35	
0.5	58720	590	156000	1.60	
4.8	90820	780	156000	0.90	RC 107W110T-W220-L
3.3	86820	770	156000	1.00	RC 107W110T-W220-L
2.2	83820	720	156000	1.20	
1.2	67720	690	156000	1.35	
0.5	64720	620	156000	1.60	
4.8	90820	790	159000	0.90	RC 107W110T-W220-L
3.3	86820	780	159000	1.00	RC 107W110T-W220-L
2.2	83820	730	159000	1.20	
1.2	67720	700	159000	1.35	
0.5	64720	630	159000	1.60	
4.8	96920	820	159000	0.90	RC 107W110T-W220-L
3.3	92920	810	159000	1.00	RC 107W110T-W220-L
2.2	89920	760	159000	1.20	
1.2	73720	730	159000	1.35	
0.5	70720	660	159000	1.60	
4.8	96920	830	162000	0.90	RC 107W110T-W220-L
3.3	92920	820	162000	1.00	RC 107W110T-W220-L
2.2	89920	770	162000	1.20	
1.2	73720	740	162000	1.35	
0.5	70720	670	162000	1.60	
4.8	103020	860	162000	0.90	RC 107W110T-W220-L
3.3	98920	850	162000	1.00	RC 107W110T-W220-L
2.2	95920	800	162000	1.20	
1.2	79720	770	162000	1.35	
0.5	76720	700	162000	1.60	
4.8	103020	870	165000	0.90	RC 107W110T-W220-L
3.3	98920	860	165000	1.00	RC 107W110T-W220-L
2.2	95920	810	165000	1.20	
1.2	79720	780	165000	1.35	
0.5	76720	710	165000	1.60	
4.8	109220	900	165000	0.90	RC 107W110T-W220-L
3.3	105220	890	165000	1.00	RC 107W110T-W220-L
2.2	102220	840	165000	1.20	
1.2	85720	810	165000	1.35	
0.5	82720	740	165000	1.60	
4.8	109220	910	168000	0.90	RC 107W110T-W220-L
3.3	105220	900	168000	1.00	RC 107W110T-W220-L
2.2	102220	850	168000	1.20	
1.2	85720	820	168000	1.35	
0.5	82720	750	168000	1.60	
4.8	115420	940	168000	0.90	RC 107W110T-W220-L
3.3	111420	930	168000	1.00	RC 107W110T-W220-L
2.2	108420	880	168000	1.20	
1.2	91720	850	168000	1.35	
0.5	88720	780	168000	1.60	
4.8	115420	950	171000	0.90	RC 107W110T-W220-L
3.3	111420	940	171000	1.00	RC 107W110T-W220-L
2.2	108420	890	171000	1.20	
1.2	91720	860	171000	1.35	
0.5	88720	790	171000	1.60	
4.8	121620	980	171000	0.90	RC 107W110T-W220-L
3.3	117620	970	171000	1.00	RC 107W110T-W220-L
2.2	114620	920	171000	1.20	
1.2	97720	890	171000	1.35	
0.5	94720	820	171000	1.60	
4.8	121620	990	174000	0.90	RC 107W110T-W220-L
3.3	117620	980	174000	1.00	RC 107W110T-W220-L
2.2	114620	930	174000	1.20	
1.2	97720	900	174000	1.35	
0.5	94720	830	174000	1.60	
4.8	127820	1020	174000	0.90	RC 107W110T-W220-L
3.3	123820	1010	174000	1.00	RC 107W110T-W220-L
2.2	120820	960	174000	1.20	
1.2	103720	930	174000	1.35	
0.5	100720	860	174000	1.60	
4.8	127820	1030	177000	0.90	RC 107W110T-W220-L
3.3	123820	1020	177000	1.00	RC 107W110T-W220-L
2.2	120820	970	177000	1.20	
1.2	103720	940	177000	1.35	
0.5	100720	870	177000	1.60	
4.8	134020	1060	177000</		



输出 速度 Output speed n ₂ [r/min]	输出 转矩 Output torque M ₂ [N·m]	传动 比 Ratio i	传动 效率 Efficiency η ₁ [%]	使用 系数 Service factor K _A [%]	机型号 Model
22kW					
16	13400	107.48	120000	1.18	
16	13400	83.18	120000	1.18	
18	11900	82.81	120000	1.30	
20	10300	73.73	120000	1.30	
22	8871	67.43	120000	1.85	
25	7520	61.15	120000	1.85	
35	7420	61.15	120000	2.4	
35	6450	44.87	120000	2.8	
15	18130	108.31	115000	0.85	
15	18130	84.63	115000	1.50	
15	18130	83.47	115000	1.50	
20	15350	72.08	115000	1.26	
22	8818	66.89	115000	1.38	
26	8780	61.09	115000	1.80	
32	7880	55.81	115000	1.70	
31	6880	46.83	115000	1.80	
38	5780	40.29	115000	2.2	
41	5113	35.64	115000	2.3	
49	4300	29.95	115000	2.8	
22	8380	66.20	108000	0.85	
22	8480	58.11	118000	1.50	
22	7380	50.88	108000	1.50	
38	5470	44.39	108000	1.26	
38	5470	37.85	119000	1.50	
45	4720	32.81	108000	1.70	
50	3980	27.83	108000	1.80	
30	4380	29.57	108000	1.80	
31	3480	24.17	108000	2.2	
31	3480	23.00	108000	2.3	
31	3480	19.64	108000	2.8	
37	3410	16.80	107000	3.3	
37	3410	13.61	107000	3.3	
114	1840	12.83	107000	4.3	
42	8080	35.38	72000	0.88	
40	8230	29.49	70000	1.00	
55	5710	24.90	70000	1.20	
75	3840	20.87	70000	1.50	
80	2618	18.21	70000	1.80	
82	2380	15.88	70000	1.80	
70	1980	13.89	70000	2.2	
128	1680	11.39	71200	2.8	
132	1450	9.51	71200	3.3	
111	1120	9.35	71200	3.3	
111	1120	8.11	71200	3.3	
232	900	6.88	144000	1.7	
232	830	6.82	144000	3.8	
81	2880	20.14	142000	1.50	
81	2880	17.34	142000	1.80	
81	2130	15.11	142000	1.80	
400	1710	14.62	142000	1.80	
118	1180	12.39	132000	1.28	
138	1050	10.83	132000	1.38	
175	1020	9.29	131000	1.70	
175	1020	8.29	131000	1.70	
108	1020	9.11	131000	1.80	
108	1020	8.11	131000	1.80	
232	740	6.20	114000	2.4	
232	640	4.46	108000	2.8	
148	1400	8.80	105000	0.85	
160	1210	9.14	101000	0.80	
160	1110	8.22	101000	1.30	
160	1110	7.22	101000	1.30	
190	920	6.38	104000	1.80	
190	820	4.58	104000	1.80	
931	290	3.76	12700	1.80	
990	350	2.81	11700	1.70	
990	310	2.35	11700	1.70	
990	310	2.15	11700	1.70	
1615	130	1.39	10100	1.30	
1615	130	1.39	10100	1.30	

输出 速度 Output speed n ₂ [r/min]	输出 转矩 Output torque M ₂ [N·m]	传动 比 Ratio i	传动 效率 Efficiency η ₁ [%]	使用 系数 Service factor K _A [%]	机型号 Model
38kW					
14	10000	187.49	120000	0.85	
16	14200	83.19	120000	1.08	
18	16200	83.71	120000	1.18	
23	14400	73.70	120000	1.25	
22	13100	67.40	120000	1.35	
25	11620	60.85	120000	1.55	
28	10100	51.78	120000	1.88	
33	8740	44.87	120000	2.1	
37	7780	39.82	120000	2.3	
43	6710	34.41	120000	2.7	
53	5880	27.88	120000	3.3	
62	4880	23.71	120000	3.8	
18	14300	83.47	124000	0.88	
20	14800	72.88	124000	0.98	
22	13100	66.89	124000	1.08	
24	11800	61.59	124000	1.18	
28	10000	52.87	124000	1.25	
32	8880	46.85	124000	1.48	
38	7880	42.88	124000	1.88	
41	6980	35.84	124000	1.88	
49	5840	29.95	123000	2.2	
61	4710	24.96	121000	2.5	
72	3880	20.44	120000	3.8	
82	3510	18.84	120000	3.3	
94	2880	15.84	120000	4.3	
39	9810	50.86	105000	2.88	
39	8880	43.38	105000	3.88	
39	7340	37.18	105000	1.18	
45	5470	32.81	104000	1.25	
53	5470	27.83	107000	1.48	
61	4700	24.52	108000	1.78	
67	4260	22.80	108000	1.48	
77	3710	19.84	108000	2.2	
88	3270	16.80	108100	2.4	
101	2830	14.81	108000	2.88	
118	2580	12.83	108000	3.2	
138	2300	10.78	108000	3.8	
194	1480	7.58	103000	3.5	
238	1240	6.58	101000	4.1	
73	2810	26.97	17600	1.18	
84	2680	24.11	17400	1.28	
96	2380	18.88	17100	1.48	
108	2080	13.88	16800	1.68	
127	2260	17.58	18200	1.98	
145	1910	16.13	15900	3.2	
172	1870	8.88	15400	2.8	
187	1830	7.88	15800	1.98	
221	1320	6.88	14900	3.3	
252	1140	6.80	14400	3.8	
298	960	4.92	13700	3.3	
701	2880	14.82	12000	0.88	
719	2420	12.38	11900	0.98	
136	2110	16.83	11800	1.08	
158	1810	12.58	11800	1.18	
173	1640	8.38	12100	1.28	
207	1380	7.12	11700	1.48	
237	1210	8.21	11400	1.58	
303	1910	5.28	11900	1.75	
327	880	4.58	11900	1.85	

输出 速度 Output speed n ₂ [r/min]	输出 转矩 Output torque M ₂ [N·m]	传动 比 Ratio i	传动 效率 Efficiency η ₁ [%]	使用 系数 Service factor K _A [%]	机型号 Model
37kW					
18	23600	83.18	120000	0.88	
18	19800	82.81	120000	0.98	
22	17700	73.73	120000	1.08	
22	15000	67.43	120000	1.18	
23	14100	58.65	120000	1.38	
28	12600	51.78	120000	1.48	
33	10800	44.87	120000	1.88	
37	9680	39.92	120000	1.98	
43	8270	34.41	120000	2.2	
53	6720	27.88	120000	2.7	
48	7380	30.11	120000	1.35	
68	5960	24.57	120000	2.4	
67	5280	21.88	120000	2.5	
77	4380	18.82	120000	3.8	
87	4080	16.88	120000	3.7	
22	10100	66.89	120000	0.88	
24	14700	61.09	124000	0.98	
28	12700	62.87	124000	1.08	
32	11200	48.85	108000	1.18	
38	9680	40.29	108200	1.58	
48	6750	35.64	108700	2.38	
48	7260	29.95	111800	1.58	
61	5810	24.96	113400	2.0	
72	4910	20.44	113600	2.4	
82	4340	18.84	113400	2.4	
94	3760	15.84	113400	3.5	
136	5340	13.91	119800	3.8	
38	9580	37.65	108400	0.98	
45	7910	32.51	103000	1.08	
53	6880	27.83	105800	1.18	
61	5880	24.12	101800	1.48	
67	5280	22.80	102800	1.88	
77	4380	18.84	103800	1.78	
88	4340	15.88	103800	2.0	
181	3480	14.81	106800	2.3	
118	3080	12.83	105800	2.8	
136	2880	10.78	104800	3.1	
188	2280	8.71	103800	3.1	
184	1920	7.58	101800	2.8	
230	1530	6.38	101800	3.3	
288	1240	5.18	101800	3.7	
73	4820	30.07	18180	0.98	
81	4280	18.21	18180	1.08	
94	3760	15.88	18080	1.18	
138	3280	13.68	17980	1.38	
127	2790	11.59	15480	1.55	
158	2420	10.13	15180	1.75	
172	2380	8.86	14700	2.1	
187	1890	7.80	14080	1.55	
221	1900	6.80	14480	1.95	
252	1400	6.82	14480	2.1	
288	1180	4.82	13480	2.8	

输出 速度 Output speed n ₂ [r/min]	输出 转矩 Output torque M ₂ [N·m]	传动 比 Ratio i	传动 效率 Efficiency η ₁ [%]	使用 系数 Service factor K _A [%]	机型号 Model
45kW					
28	21800	73.71	120000	0.88	8 10T PWS45KW-4
22	19700	67.40	120000	0.98	8 10T PWS45KW-4
25	11800	58.65	120000	1.05	8 10T PWS45KW-4
28	10780	51.78	120000	1.30	8 10T PWS45KW-4
33	10900	44.87	120000	1.35	
37	11780	39.82	120000	1.80	8 10T PWS45KW-4
43	10480	34.41	120000	1.80	8 10T PWS45KW-4
53	8170	27.85	120000	2.2	
62	6930	23.71	120000	2.8	
48	8880	30.71	120000	1.18	
68	7180	24.57	120000	1.95	8 10T PWS45KW-4
67	6380	21.85	120000	2.0	8 10T PWS45KW-4
77	5380	18.83	120000	3.8	
87	4980	16.88	120000	3.0	
28	15800	62.87	104400	0.88	
32	15800	45.85	101300	0.95	
38	11880	40.29	108000	1.18	8 14T PWS45KW-4
41	10880	35.64	108200	1.28	8 14T PWS45KW-4
49	8780	29.95	108400	1.58	
61	7070	24.96	113800	1.78	
72	6070	20.44	113200	2.0	
82	5270	18.84	113200	2.0	
94	4370	15.84	113200	2.8	8 14T PWS45KW-4
108	4070	13.81	113400	3.1	8 14T PWS45KW-4
123	3510	11.80	113400	3.7	
203	2120	7.25	143000	4.1	
45	9020	32.81	417200	0.65	8 11T PWS45KW-4
33	8120	27.83	413200	0.85	8 11T PWS45KW-4
61	7050	24.12	504000	1.15	
47	6430	22.05	504000	1.28	
77	5670	19.84	533000	1.48	8 13T PWS45KW-4
68	4970	16.80	534000	1.65	8 13T PWS45KW-4
101	4260	14.81	633000	1.80	
73	3780	12.32	634000	2.01	
138	3150	10.79	739000	2.05	8 16T PWS45KW-4
138	2580	8.71	883000	2.1	8 16T PWS45KW-4
168	2280	7.88	983000	2.2	8 16T PWS45KW-4
238	1860	6.38	1083000	2.7	
285	1570	5.15	1087000	3.0	
94	4580	15.85	140000	0.95	
108	3980	13.88	140000	1.10	
138	3180	11.88	140000	1.30	
148	2980	10.93	140000	1.45	8 10T D225kW
172	2580	9.96	140000	1.70	8 10T D225kW
202	2180	8.98	140000	1.95	
221	1980	8.46	140000	2.05	
252	1780	8.02	130000	1.15	
288	1640	4.82	131000	2.0	
434	980	3.38	136000	0.88	
541	780	2.86	136000	0.90	
557	770	2.84	2070	1.10	8 10T D225kW
638	670	2.30	2640	1.28	8 10T D225kW
752	570	1.86	3250	1.45	
868	500	1.71	4040	1.48	
1020	420	1.44	4880	1.55	
55kW					
28	20800	68.65	120000	0.85	
28	19400	61.66	120000	1.03	
33	18300	44.87	120000	1.18	
37	14200	39.82	120000	2.8	8 16T PWS55KW-4
43	12300	34.41	120000	1.80	8 16T PWS55KW-4
53	10180	27.85	120000	2.2	
62	8480	23.71	120000	2.8	



输出 转速 Output speed n ₂ [rpm]	输出 转矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Permitted power P ₂ [kW]	使用 系数 Service factor K _s	机座号 Model
86	8758	24.57	130800	1.80	R 18T W55S55KW-4
88	7780	21.85	130800	1.80	RP 18T W55S55KW-4
77	6780	18.03	130800	2.4	RP 18T W55S55KW-4

87	9850	18.98	130800	2.5	R 18T W55S55KW-4
182	9180	14.48	130800	3.0	RP 18T W55S55KW-4
123	4270	11.59	130800	4.8	RP 18T W55S55KW-4

32	16880	66.85	28800	0.80	
37	14580	62.25	28800	0.80	
41	12780	54.64	28800	1.00	R 14T W55S55KW-4
49	10780	46.95	28800	1.30	RP 14T W55S55KW-4
61	8570	37.44	28800	1.60	

72	7380	26.64	21600	1.80	
82	6420	23.04	21600	1.80	
84	5870	18.84	21600	2.3	R 14T W55S55KW-4
105	4950	13.91	21600	2.5	RP 14T W55S55KW-4

123	4270	11.59	21600	3.0	R 14T W55S55KW-4
151	3470	9.14	21600	3.8	R 14T W55S55KW-4
200	2680	7.29	21600	3.4	RP 14T W55S55KW-4
280	2100	5.88	21600	4.1	

77	8780	18.94	47800	1.20	
88	8880	18.82	47800	1.20	R 13T W55S55KW-4
162	8170	14.81	47800	1.80	RP 13T W55S55KW-4

118	4970	12.83	49800	1.70	
137	3840	10.79	49800	2.1	
168	3130	8.71	49800	2.6	R 13T W55S55KW-4
184	2700	7.58	49700	1.80	RP 13T W55S55KW-4
231	2270	6.38	49800	2.2	
280	1820	5.13	49200	2.5	

32	21730	44.87	130800	0.80	
37	18330	38.80	130800	0.80	
41	16230	34.61	130800	1.30	R 18T W55S55KW-4
49	13580	27.96	130800	1.60	RP 18T W55S55KW-4
61	10780	23.71	130800	1.90	

86	11900	24.57	130800	1.20	
88	10800	21.85	130800	1.20	R 18T W55S55KW-4
77	8010	18.03	130800	1.70	RP 18T W55S55KW-4

输出 转速 Output speed n ₂ [rpm]	输出 转矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Permitted power P ₂ [kW]	使用 系数 Service factor K _s	机座号 Model
86	14580	24.57	130800	1.80	R 18T W55S55KW-4
88	12780	21.85	130800	1.80	RP 18T W55S55KW-4
77	11700	18.03	130800	1.40	RP 18T W55S55KW-4

87	9800	18.98	130800	1.50	
182	8410	14.48	117300	2.1	R 18T W55S55KW-4
123	4880	11.59	113800	3.4	RP 18T W55S55KW-4
140	5840	10.24	107000	2.8	

72	11900	26.44	84800	1.80	
82	12000	18.94	81700	1.80	R 14T W55S55KW-4
84	8080	13.84	89800	1.40	RP 14T W55S55KW-4
105	8880	13.91	70200	1.80	

123	5800	11.59	71400	1.80	
152	5800	9.14	72300	2.3	
179	4820	8.38	73800	2.7	R 14T W55S55KW-4
204	4210	7.28	70800	2.1	RP 14T W55S55KW-4
261	3420	6.88	68300	2.8	
280	2900	5.08	66700	3.8	

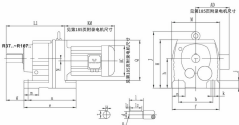
110kW					
53	18800	27.98	117100	0.80	R 18T W55S55KW-4
83	18800	23.71	118800	1.80	RP 18T W55S55KW-4

78	13000	18.03	118800	1.20	
87	12000	16.88	114300	1.20	R 18T W55S55KW-4
182	10200	14.48	112000	1.70	RP 18T W55S55KW-4
124	8400	11.59	109000	2.8	
140	7340	10.24	105000	2.3	

132kW					
58	29100	23.71	107800	0.80	R 18T W55S55KW-4
					RP 18T W55S55KW-4

78	18200	18.03	108000	1.80	
87	14400	16.88	107800	1.05	R 18T W55S55KW-4
182	12200	14.48	108700	1.40	RP 18T W55S55KW-4
124	10200	11.59	108700	1.80	
140	8800	10.24	102800	1.80	

100kW					
100	14800	14.48	88700	1.20	R 18T W55S55KW-4
124	12200	11.59	88800	1.40	RP 18T W55S55KW-4
148	10800	10.24	87800	1.80	



型号 Size	a b	e f	g	h	j	k	m n	轴伸尺寸 Shaft dimension						H	J	L ₁	L ₂	M	N	Q
								d	l	l ₁	l ₂	a	t							
R37..	130 110	180 145	78	90 _{±0.01}	18	8	40 35	28x6	80	3	8	M10	28	8	151	J	201	145	10.1	120
R47..	155 135	198 170	98	115 _{±0.01}	24	13.8	50 42	30x6	60	3	8	M10	33	8	167	J	235	178	14	180
R57..	165 135	208 180	100	115 _{±0.01}	24	13.5	60 55	35x6	70	7	55	M12	38	10	187	J	287	282	11.2	180
R67..	195 170	238 210	130	130 _{±0.01}	30	14	60 55	35x6	70	7	55	M12	38	10	212	243	200	215	20.7	180
R77..	205 170	248 210	135	140 _{±0.01}	30	17.5	60 55	40x6	80	8	70	M16	43	12	228	268	300	235	15.9	208
R87..	250 218	318 280	140	180 _{±0.01}	45	17.5	80 75	50x6	130	10	80	M18	53.5	14	295	345	372	287	12.6	258

型号 Size	a b	e f	g	h	j	k	m n	轴伸尺寸 Shaft dimension						H	J	L ₁	L ₂	M	N	Q
								d	l	l ₁	l ₂	a	t							
R97..	310 280	388 340	180	225 _{±0.01}	55	22	180 90	60x6	120	8	116	M20	64	18	368	418	440	348	13.2	380
R107..	370 290	440 400	185	258 _{±0.01}	66	28	125 130	78x6	140	7.5	126	M20	74.5	20	438	475	495	409	20.4	380
R137..	410 340	490 450	220	315 _{±0.01}	70	33	130 130	88x6	170	8	160	M24	89	25	495	560	588	458	25.1	400
R147..	500 380	590 530	280	338 _{±0.01}	80	38	150 150	110x6	210	15	180	M24	116	28	680	637	695	543	33.4	480
R167..	580 500	670 600	370	408 _{±0.01}	100	38	160 160	120x6	210	15	200	M24	127	32	870	748	790	673	39.9	580



RF37...~RF167...

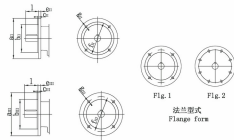
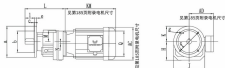


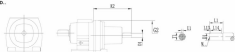
Fig.1 Fig.2

法兰形式
Flange form

型号 Size	法兰 尺寸 Flange dimension	a a1	b b1	c c1	e e1	f f1	g g1	H J K	L M N	Q	轴伸尺寸 Shaft dimension				
											d	l	L L1	s	t t1
RF37..	Fig.1	120 160 200	88/8 110/8 130/8	3 3.5 3.5	8 10 12	100 130 165	6.8 9 11	94 161 /	227 61 18.1	120	25x8	50	3.5 48	M10	28 8
RF47..	Fig.1	140 160 200	88/8 110/8 130/8	3 3.5 3.5	10 10 12	115 130 165	9 9 11	110 178 /	235 72 14	168	30x8	60	3.5 80	M10	30 8
RF57..	Fig.1	180 200 250	110/8 130/8 160/8	3.5 3.5 4	10 12 15	130 165 215	9 11 13.5	121 202 /	267 72 11.2	190	35x8	70	7 56	M12	38 10
RF67..	Fig.1	220 250 /	130/8 160/8 /	3.5 4 /	12 15 /	165 215 /	11 13.5 /	134 215 113	280 82 20.7	190	35x8	70	7 56	M12	38 10
RF77..	Fig.1	250 300 /	160/8 230/8 /	4 4 /	15 18.5 /	215 285 /	13.5 13.8 /	144 230 120	300 88 15.9	230	40x8	80	8 70	M16	43 12
RF87..	Fig.1	300 350 /	230/8 250/8 /	4 5 /	16 18 /	268 300 /	13.8 17.5 /	184 237 165	372 115 12.0	250	50x8	100	10 85	M16	53.8 14
RF97..	Fig.1 Fig.1	350 450 /	250x8 350x8 /	5 5 /	18 22 /	300 400 /	17.8 17.5 /	238 348 183	440 144 18.2	300	60x8	120	5 110	M20	64 18
RF107..	Fig.1 Fig.1	380 450 /	250x8 350x8 /	5 5 /	20 22 /	300 400 /	17.5 17.5 /	255 406 224	488 158 20.4	350	70x8	140	7.5 125	M20	74.5 20
RF137..	Fig.2	450 550 /	380x8 450x8 /	5 5 /	22 25 /	400 500 /	17.8 17.5 /	320 458 247	588 183 25.1	400	90x8	170	8 190	M24	95 25
RF147..	Fig.2	480 550 /	350x8 450x8 /	5 5 /	22 25 /	400 500 /	17.5 17.5 /	361 540 288	688 218 33.4	450	110x8	210	15 180	M24	116 28
RF167..	Fig.2	580 680 /	450x8 550x8 /	5 6 /	25 28 /	500 600 /	17.5 22 /	436 676 324	780 676 59.9	550	120x8	210	5 230	M24	127 32



R.A.D.



		G2	R2	D1	L1	L13	L14	T1	U1	M
R.3T	AD1	128	152	18	40	4	32	18	5	M5
	AD2		130	18	40	4	32	21.5	6	M6
R.4T R.5T R.6T	AD3	188	123	18	40	4	32	21.5	6	M6
	AD5		159	24	50	5	40	27	8	M8
R.7T	AD2	208	116	18	40	4	32	21.5	6	M6
	AD3		151	24	50	5	40	27	8	M8
	AD4		224	38	80	5	70	41	10	M12
	AD2		111	18	40	4	32	21.5	6	M6
R.8T	AD3	258	186	28	60	5	80	31	8	M10
	AD4		219	38	80	5	70	41	10	M12
	AD5		292	43	110	15	70	45	12	M16
	AD3		151	28	60	5	80	31	8	M10
R.9T	AD4	308	214	38	80	5	70	41	10	M12
	AD5		287	43	110	15	70	45	12	M16
	AD6		327	48	130	20	80	51.5	14	M16
	AD5		145	28	60	5	90	31	8	M10
R.10T	AD4	358	208	38	80	5	70	41	10	M12
	AD5		281	43	110	15	70	45	12	M16
	AD6		321	48	130	20	80	51.5	14	M16
	AD4		201	38	80	5	70	41	10	M12
R.13T	AD5	408	274	43	130	15	70	45	12	M16
	AD6		314	48	150	20	80	51.5	14	M16
	AD7		308	58	170	30	80	59	16	M20
	AD4		193	38	80	5	70	41	10	M12
R.14T	AD5	458	266	43	150	15	70	45	12	M16
	AD6		306	48	170	20	80	51.5	14	M16
	AD7		300	58	190	30	80	59	16	M20
	AD6		353	78	143	15	110	74.5	20	M20
R.18T	AD5	558	258	43	170	15	70	45	12	M16
	AD6		298	48	190	20	80	51.5	14	M16
	AD7		292	58	210	30	80	59	16	M20
	AD6		374	78	143	15	110	74.5	20	M20

R.A.M.

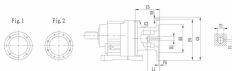


		Fig	R2	D1	L1	L13	L14	T1	U1	M
R.3T	AM10	1	98	115	3.5					
	AM11		112	130						
	AM10		130	165	4.5					
	AM10		130	165	4.5					
R.4T R.5T R.6T	AM10	1	98	115	3.5					
	AM11		112	130						
	AM10		130	165	4.5					
	AM10		130	165	4.5					
R.7T	AM10	1	186	215	5					
	AM10		186	215	5					
	AM10		186	215	5					
	AM10		186	215	5					
R.8T	AM10	1	186	215	5					
	AM10		186	215	5					
	AM10		186	215	5					
	AM10		186	215	5					
R.9T	AM10	1	230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
R.10T	AM10	1	230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
R.13T	AM10	1	230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
R.14T	AM10	1	230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
R.18T	AM10	1	230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
	AM10		230	268	5					
R.20T	AM10	2	330	350	7					
	AM10		330	350	7					
	AM10		330	350	7					
	AM10		330	350	7					



R.A.M.

Fig.1

Fig.2

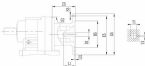


		Fig	B5	E5	F5	G2	G6	B6	Z5	D1	L1	T1	U1		
R...16T	Am100	1	180	216	5	360	260	300	110	26	68	31.5	8		
	AM112														
	AM132S														
	AM132M		230	265											
	AM132ML														
	AM150		280	300											
R...13T	AM180	1	380	380	8	480	400	480	282	88			58.3	18	
	AM230		2	390	400		7			430	277	80	140	64.4	18
	AM132S		230	265	5		300			M12	185	35	68	41.5	10
	AM132ML														
	AM150		280	300	6		330			M18	214	42		45.5	12
	AM180											48	118	51.8	14
R...14T	AM230	2	390	390	7	430	400	430	270	80			58.3	18	
	AM235		2	390	400										
	AM132S		230	265	9		308			M12	145	38	68	41.5	10
	AM132ML														
	AM150		250	300	8		350			M18	208	42		45.5	12
	AM180		380	380			430				247	55	118	51.8	14
AM225	390	400		450	292	60		64.4	18						
AM230	450	500		550	338	65	140	68.4	18						
AM235						75		79.9	23						
R...16T	AM180	1	250	300	8	500	380	480	M18	198	42		45.5	12	
	AM150		300	350			430			238	55	118	51.8	14	
	AM230		380	400			430			234	60		64.4	18	
	AM235		450	500			550			328	75	140	68.4	18	
	AM275														
	AM330														

1) 当安装采用R系列脚座面方式的减速机上，请核实尺寸G5/2。它可能已突出平面
If it is installed on gear units with foot-mounted R series, please check the dimension of G5/2 as it may have protruded above surface.

R.R.



型号组合	功率(kW)	AC	K	KB	KM
R...16T	0.18	128	371.5	468	206.6
	0.25-0.37	128	370.8	467.5	207.0
	0.55-0.75	180	471.5	547.5	246.5
	1.1-1.5	180	530	570.5	296
	2.2	278	554.5	618.5	322.5
	3	278	554.5	618.5	322.5
R...13T	0.18	128	371.5	468	206.6
	0.25-0.37	128	370.8	467.5	207.0
	0.55-0.75	180	471.5	547.5	246.5
	1.1-1.5	180	530	570.5	296
	2.2	278	554.5	618.5	322.5
	3	278	554.5	618.5	322.5
R...14T	0.18	128	371.5	468	206.6
	0.25-0.37	128	370.8	467.5	207.0
	0.55-0.75	180	471.5	547.5	246.5
	1.1-1.5	180	530	570.5	296
	2.2	278	554.5	618.5	322.5
	3	278	554.5	618.5	322.5
R...13T	0.18	128	371.5	468	206.6
	0.25-0.37	128	370.8	467.5	207.0
	0.55-0.75	180	471.5	547.5	246.5
	1.1-1.5	180	530	570.5	296
	2.2	278	554.5	618.5	322.5
	3	278	554.5	618.5	322.5
R...14T	0.18	128	371.5	468	206.6
	0.25-0.37	128	370.8	467.5	207.0
	0.55-0.75	180	471.5	547.5	246.5
	1.1-1.5	180	530	570.5	296
	2.2	278	554.5	618.5	322.5
	3	278	554.5	618.5	322.5
R...16T	0.18	128	371.5	468	206.6
	0.25-0.37	128	370.8	467.5	207.0
	0.55-0.75	180	471.5	547.5	246.5
	1.1-1.5	180	530	570.5	296
	2.2	278	554.5	618.5	322.5
	3	278	554.5	618.5	322.5
R...13T	0.18	128	371.5	468	206.6
	0.25-0.37	128	370.8	467.5	207.0
	0.55-0.75	180	471.5	547.5	246.5
	1.1-1.5	180	530	570.5	296
	2.2	278	554.5	618.5	322.5
	3	278	554.5	618.5	322.5
R...14T	0.18	128	371.5	468	206.6
	0.25-0.37	128	370.8	467.5	207.0
	0.55-0.75	180	471.5	547.5	246.5
	1.1-1.5	180	530	570.5	296
	2.2	278	554.5	618.5	322.5
	3	278	554.5	618.5	322.5
R...16T	0.18	128	371.5	468	206.6
	0.25-0.37	128	370.8	467.5	207.0
	0.55-0.75	180	471.5	547.5	246.5
	1.1-1.5	180	530	570.5	296
	2.2	278	554.5	618.5	322.5
	3	278	554.5	618.5	322.5

注：上表中电机尺寸单位为mm，因空间限制电机尺寸有省略，请向本公司索取。
Motor size in the table are reference size, due to space limitations have omitted requirements on the motor size, to consult with Hy-company.



6.F系列平行轴-斜齿轮减速机 F Parallel shaft-Helical Geared Motor

6.1 设计方案

6.1 Versions geared motors

平行轴齿式斜齿轮减速机有以下设计方案:

The following types of Parallel Shaft-Helical Geared Motor can be supplied:



F.D.
底脚安装平行轴斜齿减速机
Solid shaft
Foot mount tapped holes



FA..BD.
底脚空心轴安装平行轴斜齿减速机
Foot mounted with Hollow shaft and tapped holes



FV..BD.
底脚安装空心轴安装平行轴斜齿减速机
Foot mounted with splined hollow shaft
and tapped holes



FF.D.
底脚空心轴安装底脚安装平行轴斜齿减速机
Foot mounted with hollow shaft,
shrink disk and tapped holes



FF.D.
85法兰安装平行轴斜齿减速机
Solid shaft
Flange mounted (D585 style flange with tapped holes)

FAF.D.
85法兰空心轴安装平行轴斜齿减速机
85 Flange mounted with hollow shaft and tapped holes

FVF.D.
85法兰安装空心轴安装平行轴斜齿减速机
85 flange mounted with splined hollow shaft and
tapped holes



FHF..D.
85法兰空心轴带减速机底脚安装平行轴斜齿减速机
85 Range mounted with hollow shaft and shrink disk



FA..D.
空心轴安装平行轴斜齿减速机
Splined hollow shaft with key
Shaft mount



FV..D.
带键空心轴安装平行轴斜齿减速机
Splined hollow shaft
Shaft mount



FH.D.
空心轴带减速机底脚安装平行轴斜齿减速机
Shrink disk hollow shaft
Shaft mount



FAZ.D.
814法兰空心轴安装平行轴斜齿减速机
Hollow shaft with key
Face mount (C & B14 style flange with tapped holes)

FVZ.D.
814法兰安装空心轴安装平行轴斜齿减速机
Hollow shaft with key
Face mount (C&B14 style flange with tapped holes)

FHZ.D.
814法兰空心轴带减速机底脚安装平行轴斜齿减速机
Shrink disk hollow shaft
Face mount (C&B14 style flange with tapped holes)



6.2 可行的组合方式

6.2 Type of Combination

以下是平行轴斜齿齿轮减速机与变频器（变频器）电机的组合列表。表中给出了每种组合的速比范围。
The below is combination table between gear box and electric motor in each list the ratio range.

减速机型号 Gear unit size	级 Stages	DA171 (0.12-0.37KW)	D80 (0.55-0.75KW)	D90 (1.1-1.5KW)	D100 (2.2-3.0KW)	D112 (4.0KW)	D120 (5.5KW)	D130 (7.5KW)
F/F/F/FA/FAF37	2	4.22-7.44 9.97-23.83	3.77-23.83	3.77-20.57	3.77-6.74 8.01-14.33 17.03	23.08-31.89 38.31 50.70 58.32 79.50		
F/F/F/FA/FAF37	3	23.88-128.81	23.88-190.38	23.88-91.70 50.32-86.53				
F/F/F/FA/FAF47	2	8.34-8.98 13.93-30.86	4.99-30.86	4.99-30.86	4.99-25.72			
F/F/F/FA/FAF47	3	26.88-180.78	26.88-150.08	26.88-130.07	26.88-95.49 98.00-108.89			
F/F/F/FA/FAF57	2	6.98-9.31 13.52-48.13	6.18-34.24	5.18-29.84	5.18-24.98	5.18-21.17		
F/F/F/FA/FAF57	3	30.15-189.79	30.15-157.09	30.15-136.18	30.15-88.87 83.46-113.01	30.15-90.10 83.48-103.47		
F/F/F/FA/FAF67	2	7.53-9.88 15.29-36.30	6.98-9.38 14.48-36.30	3.97-36.30	3.97-32.08	3.97-27.41	3.97-23.08	3.97-22.08
F/F/F/FA/FAF67	3	43.20-228.99	34.01-186.38	34.01-173.88	34.01-142.40	34.01-87.85 90.59-123.79	34.01-53.73 90.59-95.84	34.01-53.73 90.59-95.84
F/F/F/FA/FAF77	2	21.43-36.58	6.25-9.30 17.48-36.58	5.78-9.38 12.29-36.58	4.29-36.58	4.29-31.51	4.29-25.58	4.29-25.58
F/F/F/FA/FAF77	3	48.37-72.50 94.85-281.71	36.23-225.79	26.84-186.31	26.84-166.47	26.84-142.27	26.84-86.32 75.02-114.45	26.84-86.32 75.02-114.45
F/F/F/FA/FAF87	2		23.88-30.92	7.35-6.29 17.12-33.82	8.63-6.29 13.12-33.82	8.63-6.29 13.12-33.82	4.12-33.82	4.12-33.82
F/F/F/FA/FAF87	3		100.49-270.86		26.29-228.99	26.29-187.20	26.29-159.01	26.29-159.01
F/F/F/FA/FAF97	2			8.05 22.71-43.28	7.07-8.05 17.35-43.28	7.07-8.05 17.35-43.28	4.87-43.28	4.87-43.28
F/F/F/FA/FAF97	3			58.06-72.29 80.31	44.49-72.29 80.31-278.71	44.49-72.29 80.31-278.71	32.50-223.80	32.50-223.80
F/F/F/FA/FAF107	2				21.79-30.79	21.79-30.79	7.40-8.69 14.87-33.79	7.40-8.69 14.87-33.79
F/F/F/FA/FAF107	3				58.12-83.89 92.47-254.40	58.12-83.89 92.47-254.40	37.81-254.40	37.81-254.40
F/F/F/FA/FAF127	2							7.85-8.66 14.55-30.88
F/F/F/FA/FAF127	3							37.26-170.83

续表

减速机型号 Gear unit size	级 Stages	D132ML (9.2KW)	D160M (11KW)	D160L (15KW)	D180 (18.5KW)	D200 (22KW)
F/F/F/FA/FAF17	2	4.28-18.73	4.28-19.70			
F/F/F/FA/FAF17	3	25.84-43.58	25.84-43.58			
F/F/F/FA/FAF87	2	4.12-26.50	4.12-26.50	4.12-26.50	4.12-21.32	
F/F/F/FA/FAF87	3	26.29-123.28	26.29-123.28	26.29-123.28	26.29-50.36	
F/F/F/FA/FAF97	2	4.57-33.91	4.57-33.91	4.57-33.91	4.57-27.44	
F/F/F/FA/FAF97	3	32.50-88.86 102.16-174.87	32.50-88.86 102.16-174.87	32.50-88.86 102.16-174.87	32.50-75.83 86.59 102.16-140.71	
F/F/F/FA/FAF107	2	6.22-8.89 12.33-33.79	6.22-8.89 12.33-33.79	6.22-8.89 12.33-33.79	6.22-33.79	
F/F/F/FA/FAF107	3	31.80-180.31	31.80-168.31	31.80-180.31	31.80-181.38	31.80-181.38
F/F/F/FA/FAF127	2	6.80-8.86 12.54-26.86	6.80-8.86 12.54-26.86	6.80-8.86 12.54-26.86	5.52-26.86	4.86-26.86
F/F/F/FA/FAF127	3	31.33-170.83	31.33-170.83	31.33-170.83	25.30-153.67	25.30-125.37
F/F/F/FA/FAF157	2		16.85-53.55	16.85-53.55	13.96-43.84	11.90-36.75
F/F/F/FA/FAF157	3		48.08-287.43	48.08-287.43	32.55-217.82	27.60-178.29

减速机型号 Gear unit size	级 Stages	D225 (37.45KW)	D250M (50KW)	D280 (75-90KW)	D315/ (110-132KW)	D315-A/B (180-208KW)
F/F/F/FA/FAF107	2	6.22-27.57				
F/F/F/FA/FAF107	3	31.80-174.82 86.49				
F/F/F/FA/FAF127	2	4.68-26.86	4.68-21.38	4.68-21.38		
F/F/F/FA/FAF127	3	25.30-125.37	25.30-55.31 75.41-88.95	25.30-55.31 75.41-88.95		
F/F/F/FA/FAF157	2	11.92-36.75	11.92-28.00	11.92-28.00	11.92-22.95	11.92-18.85
F/F/F/FA/FAF157	3	27.68-170.20	27.68-88.28 90.53-141.80	27.68-88.28 90.53-141.80	27.68-82.34 90.53-136.48	27.68-40.06



6.3 速比与最大扭矩

6.3 Ratio and Max. Torque

F37-F57 $n_0=1400$ r/min

F37 200Nm						F47 400Nm						F57 600Nm					
i	F_0 [N/m]	Motor [Nm]	F_0 [N]	AD		i	F_0 [N/m]	Motor [Nm]	F_0 [N]	AD		i	F_0 [N/m]	Motor [Nm]	F_0 [N]	AD	
3-stage						3-stage						3-stage					
128.51	11	200	4290			196.76	7.3	400	5820			199.79	7.0	600	8290		
117.88	12	200	4290			178.38	8.3	400	5820			183.60	7.6	600	8290		
106.36	14	200	4290			158.85	9.3	400	5820			167.08	8.9	600	8290		
98.53	16	200	4290			138.27	11	400	5820			146.04	10	600	8290		
89.68	17	200	4290	AD1		121.87	12	400	5820	AD1		126.18	13	600	8290	AD2	
73.58	20	200	4290			105.89	13	400	5820			127.27	11	600	8290		
68.08	21	200	4290			89.29	16	400	5820			110.81	13	600	8290		
58.32	24	200	4290			73.72	18	400	5820			93.47	15	600	8290		
54.54	28	200	4290			68.09	21	400	5820			83.46	17	600	8290		
51.78	27	200	4290									72.80	19	600	8290		
						65.36	21	400	5820			68.22	21	600	8290		
47.32	38	200	4290			58.49	25	400	5820			58.87	24	600	8290		
43.85	32	200	4290	AD2		48.90	29	400	5820	AD2		50.10	28	600	8290		
38.31	37	200	4290			42.86	33	400	5820			44.73	31	600	8290		
31.69	44	200	4290			38.01	38	400	5820			38.21	37	600	8290		
28.89	46	200	4290			34.29	41	400	5820			35.79	39	600	8290		
23.88	58	200	4290			28.88	48	400	5780			36.15	48	590	7650		
2-stage						2-stage						2-stage					
23.85	58	200	3740			30.86	45	400	5820			48.13	38	200	9710		
23.57	68	200	3580			29.32	48	400	5820			34.34	41	500	9670		
18.27	73	200	3380			25.72	54	400	5470			28.84	47	545	7660		
17.33	82	200	3180			21.82	64	400	5030			28.45	49	535	7780		
18.81	88	200	3070			19.70	71	400	4770			24.80	58	575	7080		
14.35	98	200	2970	AD2		17.33	81	400	4480	AD2		21.17	68	600	8350		
12.87	108	200	2780			16.38	88	400	4320			18.11	73	600	8020		
10.98	126	190	2620			13.83	100	400	3880			16.81	83	600	5620		
18.42	134	185	2580			12.88	111	400	3780			15.89	88	600	5450		
8.97	186	178	2480			12.87	128	400	3480			13.82	104	600	4980		
9.01	175	178	2380			8.98	186	335	3380			12.29	114	600	4710		
7.44	188	143	2350			7.48	178	285	2630			10.84	130	600	4380		
6.74	206	143	2270			7.44	188	285	2530			8.31	138	425	4780		
6.05	221	135	2180			6.34	221	350	2470			8.18	171	425	4480		
5.21	288	128	2120			5.76	243	345	2380			7.73	191	425	4210		
4.98	286	129	2180			4.98	281	329	2310			8.58	213	425	3940		
4.32	333	113	2030									8.98	234	425	3730		
3.77	372	105	1970									5.18	278	415	3480		

F67-F77 $n_0=1400$ r/min

F67					F77					F87				
820Nm					1500Nm					3600Nm				
i	F_0 [N/m]	Motor [Nm]	F_0 [N]	AD	i	F_0 [N/m]	Motor [Nm]	F_0 [N]	AD	i	F_0 [N/m]	Motor [Nm]	F_0 [N]	AD
3-stage					3-stage					3-stage				
225.59	6.1	820	10300		281.71	5.0	1500	15700		270.68	5.2	3000	16800	
185.58	7.2	820	10300		262.93	5.3	1500	15700		255.37	5.5	3000	16800	
170.85	8.2	820	10300		225.79	6.2	1500	15700		228.93	6.1	3000	16800	
162.31	8.8	820	10300		188.31	7.1	1500	15700		187.28	7.1	3000	16800	
142.48	9.8	820	10300		168.48	7.6	1500	15700		179.97	7.8	3000	16800	
120.79	12	820	10300		166.47	8.4	1500	15700		169.81	8.8	3000	16800	AD2
109.04	13	820	10300	AD2	142.37	9.8	1500	15700		134.18	10	3000	16800	
98.84	15	820	10300		130.42	11	1500	15700		123.29	11	3000	16800	
90.59	15	820	10300		114.45	12	1500	15700	AD2	119.49	13	3000	16800	
79.76	18	820	10300		108.48	13	1500	15700		97.89	14	3000	16800	
67.85	21	820	10300		94.83	15	1500	15700		88.81	16	3000	16800	
61.87	23	820	10300		85.82	16	1500	15700		76.39	18	3000	16800	
52.73	26	820	10300		79.82	18	1500	15700						
46.74	28	820	10300		72.80	19	1500	15700		68.40	20	3000	16800	
43.20	32	820	10300		66.46	21	1500	15700		56.75	25	3000	17780	
36.26	36	760	10700	AD2	58.32	24	1500	15700		50.35	28	2940	16800	AD3
34.81	41	740	11800		55.27	28	1500	15700		45.28	31	2820	18280	
2-stage					48.37	29	1500	15700		39.30	36	2120	15480	
38.30	36	820	10300							28.20	48	2570	13880	AD4
3-stage					3-stage					2-stage				
32.88	44	820	10300		43.88	38	1500	15700						
27.41	51	820	10300		38.23	37	1500	15700	AD3	33.82	41	2670	14800	
25.13	56	820	10300		33.74	41	1500	15700		28.78	49	2450	13800	
22.85	63	820	10300		28.81	47	1500	15700		2-stage				
20.80	87	820	10300		25.84	58	1450	15100		26.80	63	3000	11180	
18.28	77	820	10300		2-stage					23.85	68	3000	10580	
16.45	86	820	10300		38.88	38	1110	17800		21.32	68	3000	9030	
14.46	97	820	10300		31.81	44	1380	16800	AD3	19.31	73	3000	8040	
12.76	110	820	10300		28.75	48	1430	16200		17.12	82	3000	8040	
11.31	124	820	10300	AD3						15.48	98	3000	7380	
9.86	145	820	10300		26.50	58	1580	15700		13.12	137	3000	6370	AD5
8.88	154	538	11400		21.43	68	1580	15700		11.48	122	3000	5880	
8.80	163	575	10800		19.70	71	1580	15700		8.88	168	2880	5080	
7.73	186	610	10700		17.49	68	1680	15700		8.29	169	1630	8880	
6.86	206	620	9880		15.84	96	1580	15700		7.36	190	1530	8280	
6.86	235	610	9200		14.88	120	1680	14800	AD4	6.85	211	1530	7780	
5.25	287	990	8850		10.83	128	1680	14200		5.83	246	1530	7020	
4.86	360	560	8590		9.30	151	1080	13600		4.92	284	1530	6430	
3.97	353	508	8590		8.26	159	1080	13100		4.13	340	1480	5880	
					7.36	186	1080	12500						
					6.84	271	1080	12000						
					5.76	343	1080	11300						
					5.16	371	1080	10700						
					4.28	327	1070	10200						

F87-127 $n_s=1400$ r/min

F57	4300nm			
λ [nm]	Monoc [nm]	λ [nm]	AD	
3-stage				
258.71	5.1	4380	29808	
213.41	5.5	4380	29908	
223.88	6.3	4380	29908	
188.82	7.4	4380	29908	
174.87	8.0	4380	29908	
154.30	9.0	4380	29908	
148.71	9.5	4380	29908	
127.42	11	4380	29908	
112.89	12	4380	29908	
102.15	14	4380	29908	
97.58	16	4380	29908	
89.85	18	4380	29908	
86.59	18	4380	29908	
83.31	17	4380	29908	
75.63	19	4380	29908	
72.28	19	4380	29908	
AD3				
85.47	3.1	4380	29908	
56.08	39	4380	21208	
53.48	37	4380	25808	
44.48	49	4380	23608	
38.88	38	4380	21908	
32.59	43	4380	29808	
2-stage				
43.26	32	3070	29808	
38.84	38	3070	25508	
AD4				
33.91	41	4380	29208	
33.39	48	4380	29308	
27.44	51	4380	19808	
24.82	58	4380	26808	
22.11	63	4380	23608	
20.97	79	4380	14808	
17.28	81	4380	13208	
15.96	93	4380	19108	
AD5				
12.71	119	4380	15208	
11.16	126	4180	12608	
9.06	154	2380	10808	
8.32	176	2380	12308	
7.07	198	2380	11708	
6.17	227	2250	11208	
5.33	261	2180	10908	
4.57	306	2050	91908	

FAST	THAT'S
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i	τ_{Fe} [yr]	$\tau_{\text{H}}^{\text{H}}_{\text{H}}^{\text{H}}$ [yr]	τ_{Fe} [yr]	AD
3-stage				
254.42	8.8	7680	48820	AD3
215.37	6.5	7680	48820	
189.31	3.6	7680	48820	
176.84	7.8	7680	48820	
151.28	6.7	7680	48820	
146.48	9.6	7680	48820	
125.97	11	7680	48820	AD4
117.84	12	7680	48820	
101.38	14	7680	48820	
92.47	15	7680	48820	
88.40	16	7680	48820	
83.69	17	7680	48820	
74.82	19	7680	48820	AD5
67.82	21	7680	48820	
58.32	24	7680	47080	
55.73	26	7680	45180	
43.83	33	7680	42080	
37.61	37	7680	38820	
31.80	44	7680	36580	2-stage
33.79	41	7480	38320	
27.57	51	7640	35780	
29.74	50	7680	32320	
21.76	64	7640	35080	
18.20	73	7680	38180	
16.88	84	7640	36080	
14.67	95	7680	34780	
12.33	114	7680	34380	
9.96	144	8550	32980	
9.89	144	4910	25480	
8.37	167	4880	24080	
7.46	169	4650	23280	
6.23	228	4680	27180	

EST	12004m
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i	τ_{c} [min]	Δt_{max} [min]	F_{u} [N]	AD
3-stage				
170.83	8.2	12080	90080	AD4
153.67	9.1	12080	90080	
125.37	11	12080	90080	
114.34	12	12080	88080	
96.85	14	12080	83080	
80.21	16	12080	78080	AD5
75.41	19	12080	74380	
76.87	20	12080	72180	
63.81	22	12080	68480	
56.31	25	12080	65580	
48.80	29	12080	61880	AD5
42.16	35	12080	57080	
37.26	36	12080	54680	
31.35	45	12080	50880	
26.30	55	12080	48180	
2-stage				
26.86	57	8630	85320	AD6
24.57	57	8630	53380	
21.36	85	12080	42080	AD5
18.87	74	11080	41980	
16.36	86	11080	38080	
14.85	86	11080	36280	
12.84	112	10080	34880	
10.19	137	9580	34080	
8.86	158	7080	36480	
7.86	178	6080	37080	
6.86	206	7080	32280	
6.83	284	6080	37180	
4.66	299	8080	29580	

F157.57/67/77 BF37 n₄=1400 n/min

F157		180003mm		
i	St [mm]	Mmax [mm]	Fu [N]	AD
287.43	5.2	18000	10838	
217.82	0.4	18000	10838	
178.20	7.0	18000	10838	
152.80	0.6	18000	10838	
141.80	9.0	18000	10838	
125.14	11	18000	10838	
108.40	13	18000	10838	
94.53	15	18000	10838	AD6
85.80	18	18000	85708	
78.46	18	18000	82308	
68.26	21	18000	87308	
68.26	23	18000	8200	
52.24	27	18000	77508	AD5
48.48	30	18000	73608	
48.96	35	18000	68808	AD7
32.55	43	18000	62508	
27.80	51	18000	57808	AD3
20.80	60	18000	52808	
13.58	68	18000	48008	
6.58	78	8800	86308	AD5
43.94	32	10000	87808	AD8
35.75	39	11800	79908	
28.80	43	17000	82608	
28.43	65	18000	81808	
22.16	63	18000	81808	
18.77	71	17000	82608	AD8
18.88	83	18000	44808	
13.86	108	17000	43008	
11.92	117	18000	40808	

800-762-4273	800-762-4273
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	Δa [μ m]	Masses [μ g]	P_{eff} [%]
14812	0.89	680	8200
12864	0.70	680	8200
12862	0.71	680	8200
11252	0.12	680	8200
8986	0.14	680	8200
8187	0.15	680	8200
7988	0.15	680	8200
8919	0.20	680	8200
8030	0.23	680	8200
5289	0.35	680	8200
4080	0.34	680	8200
3684	0.39	680	8200
3181	0.44	680	8200
2985	0.49	680	8200
2737	0.81	680	8200
2676	0.84	680	8200
2488	0.88	680	8200
2381	0.82	680	8200
2131	0.80	680	8200
2012	0.80	680	8200
1840	0.78	680	8200
1681	0.78	680	8200
1623	0.85	680	8200
1617	0.87	680	8200
1439	0.87	680	8200
1422	0.88	680	8200
1286	1.1	680	8200
1238	1.1	680	8200
1196	1.3	680	8200
1085	1.3	680	8200
947	1.4	680	8200
849	1.5	680	8200
856	1.6	680	8200
851	1.6	680	8200
738	1.8	680	8200
738	1.8	680	8200
688	2.1	680	8200
688	2.3	680	8200
688	2.3	680	8200
649	2.6	680	8200
649	2.6	680	8200
608	2.8	680	8200
483	2.9	680	8200
483	3.1	680	8200
420	3.3	680	8200
386	3.6	680	8200
382	3.7	680	8200
338	4.1	680	8200
338	4.2	680	8200
298	4.7	680	8200
298	4.7	680	8200
257	5.3	680	8200
257	5.5	680	8200
226	6.2	680	8200
226	6.2	680	8200
201	7.6	680	8200
201	7.6	680	8200
181	7.7	680	8200
170	8.2	680	8200
170	8.6	680	8200
152	9.2	680	8200
134	10	680	8200

總分	100
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	Γ_{D} [J/m ²]	Moment [N·m]	Γ_{D} [J/m ²]
1979.0	0.07	0.20	13330
1781.6	0.08	0.20	13330
1499.9	0.08	0.20	13330
1292.6	0.11	0.20	13330
1148.0	0.12	0.20	13330
902.0	0.14	0.20	13330
731.7	0.16	0.20	13330
794.0	0.18	0.20	13330
739.6	0.20	0.20	13330
690.0	0.23	0.20	13330
628.0	0.26	0.20	13330
499.0	0.30	0.20	13330
499.0	0.34	0.20	13330
387.4	0.38	0.20	13330
317.7	0.41	0.20	13330
233.3	0.48	0.20	13330
281.2	0.48	0.20	13330
278.6	0.51	0.20	13330
217.7	0.52	0.20	13330
263.9	0.57	0.20	13330
237.2	0.58	0.20	13330
232.8	0.68	0.20	13330
203.5	0.68	0.20	13330
188.4	0.74	0.20	13330
185.0	0.75	0.20	13330
183.5	0.80	0.20	13330
183.1	0.86	0.20	13330
183.0	0.90	0.20	13330
142.9	0.98	0.20	13330
127.1	1.1	0.20	13330
125.6	1.1	0.20	13330
125.2	1.2	0.20	13330
116.2	1.3	0.20	13330
98.4	1.4	0.20	13330
97.0	1.4	0.20	13330
98.4	1.5	0.20	13330
98.4	1.6	0.20	13330
78.5	1.8	0.20	13330
78.5	1.9	0.20	13330
78.1	2.2	0.20	13330
63.4	2.2	0.20	13330
50.9	2.6	0.20	13330
50.9	2.8	0.20	13330
45.4	3.1	0.20	13330
43.7	3.2	0.20	13330
36.2	3.5	0.20	13330
34.4	3.8	0.20	13330
30.5	4.2	0.20	13330
30.5	4.6	0.20	13330
28.7	4.7	0.20	13330
28.1	5.4	0.20	13330
28.1	5.8	0.20	13330
23.6	5.9	0.20	13330
23.1	6.0	0.20	13330
20.6	6.8	0.20	13330
20.0	7.0	0.20	13330
17.6	8.0	0.20	13330
17.5	8.2	0.20	13330



F77RF37,F87/97RF57 $n_2=1400$ r/min

F77RF37 1500Nm				F87RF57 3000Nm			
i	n_1 [r/min]	Motor [Nm]	P_{in} [kW]	i	n_1 [r/min]	Motor [Nm]	P_{in} [kW]
18180	0.07	1500	15700	23542	0.06	3000	19800
17180	0.08	1500	15700	24814	0.05	4300	29800
16180	0.09	1500	15700	18238	0.08	3000	19800
14976	0.09	1500	15700	15877	0.08	3000	19800
13731	0.10	1500	15700	14096	0.10	3000	19800
12049	0.12	1500	15700	12000	0.12	3000	19800
11436	0.13	1500	15700	10433	0.13	3000	19800
9603	0.14	1500	15700	9091	0.15	3000	19800
8404	0.17	1500	15700	6142	0.17	3000	19800
7526	0.19	1500	15700	7130	0.20	3000	19800
6866	0.21	1500	15700	6273	0.22	3000	19800
5808	0.24	1500	15700	5818	0.25	3000	19800
5026	0.28	1500	15700	4854	0.28	3000	19800
4831	0.28	1710	17900	4803	0.28	3000	19800
4873	0.31	1710	17900	4662	0.31	3000	19800
4438	0.32	1800	18700	4248	0.33	3000	19800
3801	0.36	1710	17900	3819	0.36	3000	19800
3832	0.37	1800	18700	3721	0.38	3000	19800
3381	0.41	1800	18700	3803	0.40	3000	19800
3326	0.42	1710	17900	3244	0.43	3000	19800
3096	0.45	1710	17900	3198	0.44	3000	19800
2978	0.47	1800	18700	3081	0.48	3000	19800
2705	0.52	1710	17900	2857	0.48	3000	19800
2613	0.54	1500	15700	2381	0.54	3000	19800
2536	0.55	1710	17900	2304	0.55	3000	19800
2204	0.61	1500	15700	2199	0.64	3000	19800
2236	0.63	1710	17900	2134	0.66	3000	19800
2038	0.69	1710	17900	1830	0.73	3000	19800
2029	0.69	1500	15700	1913	0.73	3000	19800
1758	0.80	1500	15700	1717	0.82	3000	19800
1728	0.81	1800	18700	1600	0.83	3000	19800
1638	0.86	1710	17900	1493	0.94	3000	19800
1544	0.91	1800	18700	1478	0.95	3000	19800
1433	0.98	1710	17900	1308	1.1	3000	19800
1364	1.0	1800	18700	1278	1.1	3000	19800
1343	1.0	1710	17900	1148	1.2	3000	19800
1200	1.2	1800	18700	1142	1.2	3000	19800
1188	1.2	1710	17900	1018	1.4	3000	19800
1083	1.3	1500	15700	868	1.6	3000	19800
1051	1.3	1710	17900	867	1.6	3000	19800
910	1.5	1800	18700	883	1.8	3000	19800
889	1.6	1710	17900	780	1.8	3000	19800
815	1.7	1710	17900	748	1.8	3000	19800
810	1.7	1500	15700	674	2.0	3000	19800
710	2.0	1500	15700	662	2.1	3000	19800
706	2.0	1710	17900	609	2.3	3000	19800
660	2.1	1710	17900	592	2.4	3000	19800
615	2.3	1500	15700	518	2.7	3000	19800
571	2.5	1710	17900	515	2.7	3000	19800
538	2.8	1500	15700	468	3.0	3000	19800
485	2.8	1710	17900	452	3.1	3000	19800
469	3.0	1500	15700	398	3.5	3000	19800
433	3.2	1710	17900	350	4.3	3000	19800
413	3.4	1800	18700	345	4.1	3000	19800
373	3.8	1710	17900	315	4.4	3000	19800
367	3.8	1500	15700	300	4.5	3000	19800
346	4.0	1710	17900	281	5.0	3000	19800
323	4.3	1800	18700	249	5.8	3000	19800
280	4.8	1710	17900	243	5.8	3000	19800
262	5.0	1800	18700	211	6.6	3000	19800
247	5.7	1500	15700	183	7.3	3000	19800
221	6.3	1800	18700				
198	7.0	1500	15700				

F87RF57 4300Nm			
i	n_1 [r/min]	Motor [Nm]	P_{in} [kW]
29211	0.06	4300	29800
28814	0.08	4300	29800
23814	0.08	4300	29800
20812	0.07	4300	29800
18718	0.08	4300	29800
15414	0.09	4300	29800
14822	0.10	4300	29800
12324	0.11	4300	29800
10818	0.13	4300	29800
9576	0.15	4300	29800
8515	0.17	4300	29800
7328	0.19	4300	29800
6469	0.22	4300	29800
6338	0.22	4300	29800
5883	0.25	4300	29800
5815	0.25	4300	29800
5018	0.28	4300	29800
4981	0.28	4300	29800
3803	0.36	4300	29800
4333	0.32	4300	29800
3816	0.36	4300	29800
3868	0.36	4300	29800
3381	0.42	4300	29800
3382	0.42	4300	29800
3059	0.47	4300	29800
2967	0.48	4300	29800
2553	0.55	4300	29800
2448	0.57	4300	29800
2245	0.62	4300	29800
2199	0.64	4300	29800
1971	0.71	4300	29800
1970	0.71	4300	29800
1741	0.80	4300	29800
1722	0.81	4300	29800
1537	0.92	4300	29800
1468	0.95	4300	29800
1327	1.1	4300	29800
1318	1.1	4300	29800
1189	1.2	4300	29800
1171	1.2	4300	29800
1023	1.4	4300	29800
1022	1.4	4300	29800
886	1.6	4300	29800
882	1.6	4300	29800
784	1.8	4300	29800
780	1.8	4300	29800
680	2.0	4300	29800
681	2.1	4300	29800
605	2.3	4300	29800
589	2.5	4300	29800
529	2.6	4300	29800
498	2.7	4300	29800
475	3.0	4300	29800
467	3.0	4300	29800
405	3.4	4300	29800
383	3.5	4300	29800
383	3.9	4300	29800
381	3.9	4300	29800
317	4.4	4300	29800
278	5.0	4300	29800
270	5.1	4300	29800
248	5.7	4300	29800
242	5.8	4300	29800
208	6.7	4300	29800
185	7.2	4300	29800

F107RF77,F127/RF77,F127/RF87,F157/RF97 $n_2=1400$ r/min

F107RF77 7540Nm			
i	n_1 [r/min]	Motor [Nm]	P_{in} [kW]
35376	0.08	7600	49800
34882	0.08	7600	49800
18933	0.07	7600	49800
16888	0.08	7600	49800
14782	0.09	7600	49800
12952	0.12	7600	49800
10309	0.14	7600	49800
8548	0.16	7600	49800
7814	0.18	7600	49800
6767	0.21	7600	49800
5854	0.24	7600	49800
4867	0.31	7600	49800
5303	0.28	7640	49800
5223	0.27	7640	49800
4803	0.36	7640	49800
4467	0.37	7640	49800
4181	0.38	7640	49800
3848	0.38	7640	49800
3816	0.37	7640	49800
3521	0.45	7640	49800
3347	0.42	7640	49800
3237	0.46	7640	49800
2838	0.48	7640	49800
2746	0.51	7640	49800
2563	0.55	7640	49800
2368	0.58	7640	49800
2255	0.62	7640	49800
2129	0.66	7640	49800
2008	0.68	7640	49800
1826	0.77	7600	49800
1813	0.77	7640	49800
1590	0.88	7600	49800
1590	0.88	7640	49800
1456	0.97	7640	49800
1401	1.0	7600	49800
1263	1.1	7600	49800
1243	1.1	7600	49800
1169	1.2	7640	49800
1087	1.3	7600	49800
1016	1.4	7640	49800
883	1.6	7600	49800
823	1.8	7640	49800
834	1.7	7640	49800
803	1.8	7640	49800
748	2.0	7600	49800
696	2.3	7640	49800
644	2.2	7640	49800
640	2.2	7600	49800
581	2.4	7640	49800
560	2.5	7600	49800
518	2.7	7640	49800
491	2.9	7640	49800
469	3.0	7600	49800
436	3.2	7600	49800
430	3.3	7640	49800
387	3.6	7640	49800
373	3.8	7600	49800
340	4.1	7640	49800
333	4.2	7640	49800
300	4.7	7640	49800
280	5.0	7600	49800
268	5.3	7640	49800
238	6.2	7640	49800
180	7.4	7600	49800

F127RF77				12000Nm
i	n_1 [r/min]	Motor [Nm]	P_{in} [W]	
34476	0.08	12000	80000	
32223	0.09	12000	80000	
18048	0.07	12000	80000	
16050	0.08	12000	80000	
14722	0.10	12000	80000	
12952	0.12	12000	80000	
11656	0.12	12000	80000	
10181	0.14	12000	80000	
8621	0.16	12000	80000	
7643	0.18	12000	80000	
6715	0.21	12000	80000	
5826	0.24	12000	80000	
5153	0.27	12000	80000	
4833	0.31	12000	80000	
4387	0.36	12000	80000	
3484	0.41	12000	80000	
3031	0.46	12000	80000	
2872	0.52	12000	80000	
2387	0.60	12000	80000	
2038	0.69	12000	80000	
1784	0.78	12000	80000	
1626	0.87	12000	80000	
1386	1.0	12000	80000	
1220	1.1	12000	80000	
1077	1.3	12000	80000	
830	1.5	12000	80000	
620	1.8	12000	80000	
727	1.8	12000	80000	
548	2.2	12000	80000	
548	2.2	12000	80000	
468	2.6	12000	80000	
428	3.3	12000	80000	
378	3.7	12000	80000	

F127RF87				12000Nm
i	n_1 [r/min]	Motor [Nm]	P_{in} [W]	
438	2.9	12000	80000	
418	3.3	12000	80000	
374	3.7	12000	80000	
312	4.8	12000	80000	
263	4.8	12000	80000	
289	6.4	12000	80000	
273	6.3	12000	80000	
188	7.1	12000	80000	
188	8.4	12000	80000	



输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	减速 器 型 号 Reducer Factor F	机座号 Model
56	20	23.83	0.250	18	0.12kW
87	17	20.27	0.250	12	
71	16	18.27	0.250	10	
81	14	17.43	0.400	14	
89	13	15.81	0.400	15	
102	12	13.23	0.400	17	
107	11	12.87	0.400	18	FA 37 W030-120V-4
125	9.2	11.35	0.410	21	FA 37 W030-120V-4
132	8	10.42	0.400	21	FA 37 W030-120V-4
184	7.4	8.87	0.880	24	FF 37 W030-120V-4
186	6.3	7.44	0.880	24	
200	5.6	6.44	1.000	25	
226	5.0	6.00	1.250	27	
248	4.3	5.21	1.330	28	
274	3.7	4.50	1.500	31	
327	3.5	4.22	1.600	31	

0.12kW	2.4	915	858	0.95	FA 37W037 W030-180V-4
1.5	808	735	1040	1.20	FA 37W037 W030-180V-4
2.1	684	641	1040	1.38	FA 37W037 W030-180V-4
2.8	624	572	1040	1.58	FA 37W037 W030-180V-4
3.5	579	509	1040	1.58	FA 37W037 W030-180V-4
4.2	537	468	1040	1.75	FA 37W037 W030-180V-4
3.4	432	384	12750	1.58	
3.8	508	500	12180	1.45	
3.8	513	484	12480	1.80	FA 37W037 W030-180V-4
3.4	463	380	12750	1.85	FA 37W037 W030-180V-4
3.7	378	313	12960	2.2	FA 37W037 W030-180V-4
4.4	323	297	13050	2.5	FA 37W037 W030-180V-4
5.1	285	261	13050	2.8	FA 37W037 W030-180V-4
5.8	262	238	13050	3.2	
6.8	215	200	13050	3.6	

0.18kW	2.4	815	558	0.95	FA 37W037 W030-180V-4
2.8	302	308	8580	1.12	FA 37W037 W030-180V-4
3.7	284	282	8580	1.38	FA 37W037 W030-180V-4
4.4	261	268	8580	1.45	FA 37W037 W030-180V-4
3.8	309	338	10800	1.65	FA 37W037 W030-180V-4
3.1	465	428	10800	1.35	
3.8	432	382	10480	1.40	FA 37W037 W030-180V-4
3.8	373	333	10710	1.62	FA 37W037 W030-180V-4
4.4	334	298	10580	1.80	FA 37W037 W030-180V-4
5.1	295	262	10580	2.0	FA 37W037 W030-180V-4
5.8	278	250	10580	2.2	
3.1	528	381.71	19600	2.7	FA 37 W030-180V-4
3.3	519	372.99	19750	2.9	FA 37 W030-180V-4
3.8	445	323.79	19800	3.4	FA 37 W030-180V-4
3.8	445	323.79	19800	3.4	FA 37 W030-180V-4
4.1	343	170.88	13050	2.1	FA 37 W030-180V-4
4.1	343	170.88	13050	2.1	FA 37 W030-180V-4

0.25kW	2.4	12308	12312	0.750	FA 37W037 W030-180V-4
0.11	12308	12312	0.750	0.80	
0.11	12308	12312	0.750	0.80	
0.13	10760	10765	0.900	1.10	FA 37W037 W030-180V-4
0.13	10760	10765	0.900	1.10	FA 37W037 W030-180V-4
0.17	1719	1584	0.900	1.20	FA 37W037 W030-180V-4
0.23	1183	8715	0.900	1.70	FA 37W037 W030-180V-4
0.18	8888	8748	0.840	0.80	
0.17	8925	3574	2.880	0.85	
0.31	12332	8767	0.900	1.10	FA 37W037 W030-180V-4
0.32	6090	5954	0.5380	1.25	FA 37W037 W030-180V-4
0.36	6313	6233	0.8480	1.40	FA 37W037 W030-180V-4
0.42	4860	4561	0.6880	1.80	FA 37W037 W030-180V-4
0.37	3880	3821	0.8180	2.1	
0.43	3733	3037	0.8180	2.4	FA 37W037 W030-180V-4
0.48	3880	2788	0.8880	2.7	FA 37W037 W030-180V-4
0.56	3473	2269	0.9480	3.1	FA 37W037 W030-180V-4
0.64	2163	2038	0.9980	3.6	FA 37W037 W030-180V-4

0.38	4980	4330	27980	0.90	
0.38	4262	3866	30800	1.80	
0.34	3819	3352	21980	1.50	
0.41	3100	2817	33180	1.40	FA 37W037 W030-180V-4
0.52	2790	2553	33880	1.55	FA 37W037 W030-180V-4
0.58	2688	2246	34880	1.76	FA 37W037 W030-180V-4
0.62	2538	1947	35180	2.0	FA 37W037 W030-180V-4
0.77	1880	1722	38880	2.3	
0.86	1819	1527	38880	2.8	
0.91	1382	1327	38880	3.1	
1.1	1260	1171	38880	3.3	

0.48	3740	3681	12380	0.85	
0.81	2820	2676	12380	1.88	
0.93	3400	2199	15730	1.25	
0.91	3400	2199	15730	1.25	
0.77	1880	1729	38880	1.80	FA 37W037 W030-180V-4
0.88	1848	1683	27480	1.88	FA 37W037 W030-180V-4
1.0	1950	1580	27480	2.0	FA 37W037 W030-180V-4
1.1	1219	1146	28930	2.3	
1.3	1050	1070	28930	2.8	
1.5	980	887	28930	3.2	
1.7	870	780	28930	3.7	

0.78	1980	1736	1711	0.80	
0.88	1770	1544	1711	0.80	
0.88	1980	1736	1711	0.80	
1.1	1330	1290	18600	1.10	FA 37W037 W030-180V-4
1.1	1170	1050	17400	1.10	FA 37W037 W030-180V-4
1.5	1080	911	18300	1.50	FA 37W037 W030-180V-4
1.6	1080	872	18800	1.75	FA 37W037 W030-180V-4
1.7	1116	872	18800	1.75	FA 37W037 W030-180V-4
2.2	670	815	19300	2.2	

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 功率 Rated power P ₂ [kW]	减速 器 型 号 Reducer Factor F	机座号 Model
10	167	128.51	4708	1.20	
11	154	117.88	4808	1.30	
12	143	108.33	4908	1.45	
16	113	86.63	6188	1.78	
16	106	83.68	6218	1.80	
18	97	75.59	6488	2.0	
20	88	69.09	6518	2.3	FA 37 W030-180V-4
24	78	58.22	6588	2.8	FA 37 W030-180V-4
28	68	49.33	6618	3.0	FA 37 W030-180V-4
35	61	42.07	6648	3.5	FA 37 W030-180V-4
38	58	38.21	6410	4.0	
42	47	33.81	6458	4.5	
44	45	32.87	6410	4.8	
48	37	28.08	6458	5.6	
55	31	23.68	6260	6.4	

96	31	29.43	9148	6.5	FA 37 W030-180V-4
64	27	28.57	5838	7.5	FA 37 W030-180V-4
64	27	28.57	4838	8.0	FA 37 W030-180V-4
74	23	24.22	5838	9.0	FA 37 W030-180V-4
83	21	18.81	4848	9.7	FA 37 W030-180V-4
82	18	16.33	4802	11	
107	17	12.67	4348	12	
147	13	9.67	3848	15	
127	14	19.42	4878	14	FA 37 W030-180V-4
147	12	14.44	4878	15	FA 37 W030-180V-4
119	8.7	14.44	4878	15	FA 37 W030-180V-4
179	8.7	14.44	4878	15	FA 37 W030-180V-4
233	8.6	5.31	3980	18	
268	8.6	4.90	3780	18	
323	8.6	4.32	3848	20	

0.15	12308	8831	89200	0.90	FA 37W037 W030-180V-4
0.17	11908	7843	89200	1.30	FA 37W037 W030-180V-4
0.18	12428	6717	89200	1.38	FA 37W037 W030-180V-4
0.22	9100	5818	89200	1.30	FA 37W037 W030-180V-4
0.26	7868	4533	89200	1.85	FA 37W037 W030-180V-4
0.28	7868	4533	89200	1.85	FA 37W037 W030-180V-4
0.22	9008	5854	48200	0.85	FA 37W037 W030-180V-4
0.28	7868	4533	48200	1.30	FA 37W037 W030-180V-4
0.28	7868	4533	48200	1.30	FA 37W037 W030-180V-4
0.37	5379	3821	58400	1.45	FA 37W037 W030-180V-4
0.43	4868	3617	57360	1.85	
0.43	4868	3617	57360	1.85	
0.55	3618	2999	59100	2.1	FA 37W037 W030-180V-4
0.63	3788	2608	60200	2.4	FA 37W037 W030-180V-4
0.71	3618	2181	61400	3.2	FA 37W037 W030-180V-4
0.93	2110	1401	82380	3.8	

0.46	4638	3807	26200	0.95	
0.51	4018	3553	30400	1.05	
0.58	3748	3141	31100	1.15	FA 37W037 W030-180V-4
0.68	2740	1237	33880	1.35	FA 37W037 W030-180V-4
0.73	2438	1237	33880	1.35	FA 37W037 W030-180V-4
0.98	2040	1237	33880	2.1	FA 37W037 W030-180V-4
1.1	1868	1171	38880	2.3	
1.3	1638	1022	38160	2.8	
0.87	3848	1930	18200	1.80	
0.78	2718	1758	24800	2.0	
0.87	2882	1683	26200	1.80	
1.1	1868	1200	26880	1.80	FA 37W037 W030-180V-4
1.3	1448	1148	27160	1.80	FA 37W037 W030-180V-4
1.3	1638	1913	27160	1.85	FA 37W037 W030-180V-4
1.7	1178	1070	29600	2.0	FA 37W037 W030-180V-4
1.7	1178	1070	29600	2.0	FA 37W037 W030-180V-4
1.9	1022	874	28800	2.8	

0.68	3558	18038	6880	1.88	FA 37 W030-180V-4
0.71	3458	17438	6880	1.88	FA 37 W030-180V-4
0.83	2988	16708	11280	2.1	FA 37 W030-180V-4
0.88	2838	15638	11280	2.1	FA 37 W030-180V-4
0.98	2318	14138	11280	2.3	FA 37 W030-180V-4
1.2	2058	13081	11580	2.8	

0.8	428	190.88	5780	1.80	FA 47 W030-180V-4
0.88	388	130.07	6330	1.78	FA 47 W030-180V-4
0.98	338	121.87	6770	1.20	FA 47 W030-180V-4
0.84	388	108.08	7180	1.80	FA 47 W030-180V-4

0.8	358	180.78	6880	1.88	FA 37 W030-180V-4
0.74	328	175.38	6880	1.88	FA 37 W030-180V-4
0.7	2718	150.08	1270	1.85	FA 47 W030-180V-4
0.8	2418	144.18	1440	1.85	



輸出 轉速 Output speed n_2 [rpm]	輸出 扭矩 Output torque M_2 [N·m]	傳動 比 Ratio i	許用 輸出 功率 Permitted output power P_{out} [kW]	使用 效率 Service factor k_s	型號 Model
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0.25kW

10	235	120.81	3690	6.85				
11	215	117.88	4040	6.80				
13	145	100.38	4580	7.10				
15	108	89.33	4990	7.20				
18	148	100.99	4780	7.30				
18	130	70.36	5080	7.40				
21	121	68.58	5120	7.40				
23	107	58.33	5210	7.40	PA	SC	white, male	
24	100	54.54	5290	7.4	PA	SC	white, male	
25	91	51.99	5390	7.4	PA	SC	white, male	
28	80	47.82	5580	7.4	FT	SC	white, male	
30	81	43.83	5580	7.5				
34	70	38.31	5480	2.8				
38	60	33.71	5420	3.5				
41	88	31.89	5430	3.4				
46	83	28.29	5430	3.4				
47	73	24.84	5430	3.4				

56	45	23.85	5170	4.8	
63	36	26.51	4980	5.3	
67	35	29.21	4570	5.7	
76	31	37.83	4080	6.4	
82	29	35.81	4580	6.8	
81	28	34.33	4480	7.8	
81	24	32.87	4320	8.8	PS 32 w/risco para-a
20	20	30.42	4080	9.8	PSF 32 w/risco para-a
128	16	36.43	3520	7	P 32 w/risco para-a
148	17	8.37	3880	11	PF 32 w/risco para-a
145	14	7.44	3630	11	
185	12	8.74	3520	11	
275	11	8.05	3470	12	

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0.31	14860	8178	84828	5.80	
0.23	13160	8828	88308	6.80	
0.27	11580	8153	90508	1.58	FF 12/04/77 WAGG L3/04/78
0.30	8880	8833	90508	1.20	FF 12/04/77 WAGG L3/04/78
0.38	8880	8928	90508	1.40	FF 12/04/77 WAGG L3/04/78
0.40	7430	3454	90508	1.60	FF 12/04/77 WAGG L3/04/78
0.46	6570	3031	90508	1.85	
0.48	8120	3037	92308	1.18	FF 12/04/77 WAGG L3/04/78
0.80	8080	2188	92808	1.28	FF 12/04/77 WAGG L3/04/78
0.82	3840	2389	92808	1.70	FF 12/04/77 WAGG L3/04/78
0.87	4570	3048	97308	1.78	FF 12/04/77 WAGG L3/04/78
0.88	3430	2887	99408	3.3	FF 12/04/77 WAGG L3/04/78

0.81	8070	2368	5163	0.88
0.70	4430	1670	29808	0.86
0.80	3080	1723	31608	1.10
0.80	3480	1627	32008	1.26
1.0	2000	1527	33008	1.40
1.2	2550	1171	34108	1.50
1.4	2770	1022	34808	1.80
1.5	1980	898	35008	2.2

1.1	2870	1308	23408	1.08	
1.2	2580	9148	34808	1.20	
1.4	2220	1018	35708	1.35	
1.6	1870	887	38808	1.80	PA STPPFCWESD.20W
1.8	1720	768	37208	1.35	PAFSTPPFCWESD.20W
2.0	1470	874	27908	2.0	P STPPFCWESD.20W
2.3	1340	808	28208	2.2	PF STPPFCWESD.20W
2.7	1120	515	28708	2.7	
3.0	9080	493	38808	3.0	

1.7	1010	818	10900	0.85	
1.9	1040	718	15700	0.95	
2.2	1280	615	10400	1.10	TFP217 W83L250G
2.6	1310	508	17400	1.25	RAF TFP217 W83L250G
2.9	1080	480	18000	1.40	FF TFP217 W83L250G
3.3	828	413	18800	1.60	
3.8	838	367	18800	1.80	
4.3	738	329	19000	2.0	

输出 速率	输出 频率	增益	动态 范围	谐波 失真	机型号
Output speed f_o [MHz]	Output frequency f_m [M + m]	Gain	Permitted swinging input P_{in} [dB]	Service factor S	Model

0.32400

3.3	980	427	3790	0.88	
3.6	872	384	3880	0.95	RA 40P12P1W020.2W0W
4.1	776	338	3080	1.08	AMP40P12P1W020.2W0W
4.6	688	308	2440	1.25	P 40P12P1W020.2W0W
5.1	674	317	2060	1.43	RA 40P12P1W020.2W0W
6.0	516	311	1240	1.60	
5.4	670	358	9430	1.65	RA 40P12P1W020.2W0W
0.9	440	371	7030	1.65	AMP40P12P1W020.2W0W
1.6	405	371	7050	1.50	# 40P12P1W020.2W0W
5.3	695	362	9730	1.50	
0.1	575	329	9810	1.15	RA 40P12P1W020.2W0W
0.9	450	320	7020	1.30	AMP40P12P1W020.2W0W

[illegible]

5.4	0.05	106.47	1749.9	2.7	FF	F	W595	2700K-4
5.3	0.06	142.27	1980.9	2.7				
4.9	7.25	201.71	1920.9	2.1	FA	F	W595	2700K-4
5.2	6.75	202.83	1930.9	2.2	PAF	F	W595	2700K-4
6.1	8.82	228.78	1980.9	2.6	F	F	W595	2700K-4
7.0	8.15	198.31	1970.9	2.8	FF	F	W595	2700K-4
4.6	7.80	199.38	1080.9	1.65				
5.3	6.75	173.66	1150.9	1.35	FA	F	W595	1700K-4
5.6	6.35	165.31	1170.9	1.35	F	F	W595	1700K-4
5.4	5.45	142.79	1200.9	1.45	FF	F	W595	1700K-4
7.4	4.75	123.78	1250.9	1.35				
5.0	5.85	129.98	1290.9	1.40				

0.1	400	119.29	10479	1.60	FA	ST	initial: 1300x4
0.1	400	118.80	10709	1.65	FA	ST	initial: 1300x4
0.5	410	162.31	12800	1.95	F	ST	initial: 1300x4
0.7	380	142.48	12800	2.2	FF	ST	initial: 1300x4
11	310	128.19	12800	2.7			
0.7	618	187.08	9033	0.88	FA	ST	initial: 1300x4
0.6	828	138.18	9880	1.12	FA	ST	initial: 1300x4
7.1	686	137.27	9880	1.29	F	ST	initial: 1300x4

6.8	302	398.72	3850	1.18		
7.8	472	383.82	30100	1.30	FA	ST 101930.27070-4
8.8	432	387.09	10600	1.80	FAF	ST 101930.27070-4
10	382	336.18	10600	1.30	F	ST 101930.27070-4
11	328	327.27	11800	1.85	F	ST 101930.27070-4
13	286	113.05	11200	2.1	FF	ST 101930.27070-4
15	246	90.47	11500	2.5		
17	370	83.48	11500	2.8		

9.2	389	185.08	6743	1.08	
11	338	130.07	6743	1.20	PA 47 W850.32W84
13	270	106.08	7329	1.60	PNF 47 W850.32W84
15	236	80.29	7800	1.35	P 47 W850.32W84
17	205	59.12	7769	1.65	PF 47 W850.32W84
19	174	65.09	7800	2.5	
21	167	65.38	7830	2.4	

输出 转速	输出 扭矩	传动 比	额定 功率	使用 系数	机型号
Output speed n_2 (r/min)	Output torque M_2 (N·m)	Ratio i	Permitted overhung load P_H	Service factor K_f	Model

0.3749

16	220	86.33	3960	0.80	
17	288	80.85	4208	0.88	
18	360	79.50	4440	0.88	
20	180	86.69	6840	1.20	
24	140	98.32	6840	1.36	
26	140	94.84	6840	1.40	
27	132	91.50	5070	1.50	FA 10 2000.00
28	132	91.50	5070	1.50	FA 10 2000.00
29	120	47.82	3120	1.80	IF 20 2000.00
31	120	47.82	3120	1.80	IF 20 2000.00
36	88	38.31	3270	2.5	
38	83	35.81	3300	2.2	
44	81	31.89	3300	2.2	
48	82	28.69	3168	2.8	
48	81	23.86	4950	3.3	
58	81	23.86	4950	3.3	

72	49	20.27	488.0	4.1	
81	44	17.23	493.0	4.8	
87	41	16.81	443.0	4.0	
96	37	14.33	438.0	5.4	
107	35	12.87	415.0	5.1	FA, 2°
120	29	11.86	391.0	6.3	FAH, 2°
132	23	10.42	399.0	7.5	FA, 2°
144	23	11.28	371.0	7.8	FA, 2°
160	19	7.44	331.0	7.8	FA, 2°
200	17	6.74	341.0	8.1	
228	16	6.38	330.0	8.7	
266	13	6.21	316.0	9.4	
282	13	4.80	306.0	9.8	
327					

0.5549

[illegible]

0.57	0.100	2308	48790	0.95	
0.66	0.120	2308	51480	1.10	
0.74	0.170	1839	53890	1.28	
0.80	0.440	1997	58320	1.40	File: 625AF111.mediabio
0.97	4.780	1401	58990	1.60	File: 625AF111.mediabio
1.1	4.180	1243	58130	1.85	File: 625AF111.mediabio

1.4	1750	950	58080	2.4
1.6	1775	934	58080	2.6
2.1	2100	940	57980	3.6
1.0	4838	1327	28280	0.86
1.2	4868	1171	38680	1.25
1.3	3558	1932	52080	1.30

1.7	3890	784	34080	1.80	RAF/WH/PR/MS/SS/MS
2.8	3740	680	34780	1.85	PR/MS/MS/SS/MS
3.2	3680	688	38380	2.1	PR/MS/MS/SS/MS
2.8	1790	529	35580	2.4	PR/MS/MS/SS/MS
2.8	1980	487	38180	2.7	
3.4	1360	408	38580	3.2	
3.7	1220	363	38780	3.5	

輸出 速度	輸出 振幅	特性 比	許容 過負荷 率	使用 電流	型番
Output speed μ /min	Output amplitude mV $\times$ cm	Ratio	Permitted overloading load %	Service current mA	Model

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1.5	3040	887	18320	5.02	
1.7	2660	786	24212	5.15	Fe: 11.0737% Wt.0.00044
2.0	2290	674	28820	5.28	Fe: 11.0737% Wt.0.00044
2.2	2080	609	29320	5.45	Fe: 11.0737% Wt.0.00044
2.5	1750	515	27120	5.76	Fe: 11.0737% Wt.0.00044
3.0	1840	482	27720	5.88	Fe: 11.0737% Wt.0.00044
3.9	1160	345	22660	2.8	
2.5	1060	536	9908	8.80	Fe: 11.0737% Wt.0.00044
3.3	950	480	14820	8.80	Fe: 11.0737% Wt.0.00044
3.8	1420	452	18320	9.35	Fe: 11.0737% Wt.0.00044
3.9	1270	347	17136	9.20	Fe: 11.0737% Wt.0.00044
4.2	1120	323	17820	9.38	Fe: 11.0737% Wt.0.00044
4.5	980	287	16220	9.38	Fe: 11.0737% Wt.0.00044

5.9	780	231	10800	1.95	PA	ST	W550.300H4
6.6	785	295	11200	1.85	P	ST	W550.300H4
7.8	680	176	11800	1.33	PA	ST	W550.300H4
2.6	2140	276.77	38180	2.2	PA	ST	W550.300H4
2.7	1960	253.41	35580	2.2	PA	ST	W550.300H4
3.0	1730	223.85	36900	2.2	P	ST	W550.300H4
2.6	2090	276.88	28280	1.45	PA	ST	W550.300H4
2.7	1970	256.37	28580	1.50	PA	ST	W550.300H4
3.0	1730	228.83	27180	1.70	P	ST	W550.300H4
3.5	1520	197.20	27680	1.95	PA	ST	W550.300H4

4.6	1150	150.20	28150	2.8	FF	87	WIS0-BB0V-4
5.0	1080	176.87	28600	2.8			
4.0	1320	225.79	16800	1.76			
4.5	1180	198.31	17600	1.50	FA	77	WIS0-BB0V-4
4.8	1120	188.40	17900	1.38	FAF	77	WIS0-BB0V-4
5.4	970	156.47	18400	1.55	F	77	WIS0-BB0V-4
6.3	830	142.27	18900	1.80	FF	77	WIS0-BB0V-4
6.9	780	126.42	19100	1.90			
6.0	870	226.79	16800	1.76			
6.9	780	198.31	19100	1.90			
7.2	730	186.40	19300	2.1			
8.2	645	158.47	19400	2.3	FA	77	WIS0-BB0V-4

8.8	580	42.27	19800	2.7	FAF	77	WIS0.880Y-4
10	585	136.42	19700	3.8	F	77	WIS0.880Y-4
12	440	114.68	19800	3.4	FF	77	WIS0.880Y-4
13	420	108.40	19800	3.8			
14	385	94.93	19900	4.1			
7.0	786	108.39	10800	5.10			
8.0	680	179.80	11900	5.28			

8.4	682	142.31	12700	1.36			
9.6	580	142.40	12700	1.60	FA	87	WSS0.880V-4
11	485	128.79	12800	1.75	FAP	87	WSS0.880V-4
12	420	108.84	12700	1.95	F	87	WSS0.880V-4
14	370	88.94	12800	2.2	FF	87	WSS0.880V-4
15	350	90.58	13000	2.3			
17	340	79.78	13000	2.7			
8.7	805	157.09	8150	1.80			

10	525	85.18	8150	1.15	
11	408	127.27	8680	1.20	
12	428	110.01	10400	1.40	FA 57 W350 S10W-4
15	368	93.47	10800	1.85	PAF 57 W350 S10W-4
16	325	93.45	11080	1.85	F 57 W350 S10W-4
19	268	72.86	11280	2.1	PF 57 W350 S10W-4
20	268	68.22	11380	2.3	
23	238	68.87	11580	2.6	





输出 转速 Output speed [rpm]	输出 扭矩 Output torque [N·m]	传动 比 Ratio	输入 功率 Input power [kW]	效率 Service factor	机座号
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0.55kW

13	435	105.09	5849	1.08	
15	345	89.29	6629	1.15	
17	310	79.72	6989	1.38	FA 47 W55L5555555555
20	280	88.09	7379	1.38	FAF 47 W55L5555555555
2.1	250	85.58	7449	1.58	F 47 W55L5555555555
24	220	96.49	7879	1.58	FF 47 W55L5555555555
28	188	46.00	7989	2.2	
32	168	48.88	7949	2.8	
35	152	58.32	3869	0.98	
25	210	54.54	4149	0.98	
28	202	81.78	4309	1.10	
28	182	47.00	4459	1.10	
31	198	33.03	4449	1.38	FA 37 W55L5555555555
38	148	38.31	4909	1.38	FAF 37 W55L5555555555
38	138	39.91	4889	1.58	F 37 W55L5555555555
43	122	37.88	4889	1.58	
48	759	28.09	4879	1.58	
57	92	29.58	4709	2.2	
88	91	23.83	4699	2.3	
98	79	20.57	4549	2.5	
71	74	19.27	4479	2.7	
88	68	17.03	4449	3.8	
89	58	16.33	4709	3.8	
108	58	12.87	4839	4.8	
123	43	11.08	3879	4.4	
133	43	10.42	3819	4.8	FA 27 W55L5555555555
133	38	8.87	3889	5.1	FAF 27 W55L5555555555
133	28	8.61	3549	5.5	F 27 W55L5555555555
152	29	7.44	3449	5.8	FF 27 W55L5555555555
202	28	6.74	3349	8.4	
228	28	6.08	3249	8.8	
232	18	5.21	3709	8.8	
277	18	4.91	3659	9.3	
302	18	4.32	3929	8.8	
387	18	3.77	2839	7.3	

0.75kW

0.50	1200	2796	11360	1.45	FA 10W55L7555555555
0.57	10700	2427	11820	1.78	FAF 10W55L7555555555
6.82	7580	1871	12030	2.18	F 10W55L7555555555
1.1	8830	1308	12030	3.1	FF 10W55L7555555555
1.2	5170	1508	12060	3.5	
0.40	13800	3631	8890	0.85	FA 12W55L7555555555
0.47	12600	2872	8960	0.88	FAF 12W55L7555555555
6.59	10900	2257	9040	1.18	F 12W55L7555555555
0.88	8180	2638	9030	1.38	FF 12W55L7555555555
0.77	8180	1394	9030	1.58	
0.88	7950	1806	9030	1.58	
6.76	8180	1826	4800	0.98	
6.88	7480	1800	8030	1.08	
6.88	8470	1491	5290	1.28	FA 10W55L7555555555
1.1	8890	1243	4890	1.38	FAF 10W55L7555555555
1.1	8040	1087	5290	1.58	F 10W55L7555555555
1.5	4850	958	5770	1.75	FF 10W55L7555555555
1.7	3880	834	4880	2.0	
2.0	3840	848	4830	2.2	
3.2	2080	438	4230	3.8	

输出 转速 Output speed [rpm]	输出 扭矩 Output torque [N·m]	传动 比 Ratio	输入 功率 Input power [kW]	效率 Service factor	机座号
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0.75kW

1.5	4819	1022	22880	0.98	
1.5	4108	698	38180	0.95	
1.8	3880	784	37180	1.20	FA 10W55L7555555555
2.0	3169	690	32680	1.25	FAF 10W55L7555555555
2.3	2880	808	33380	1.58	F 10W55L7555555555
2.8	2480	829	34880	1.75	FF 10W55L7555555555
3.0	2165	457	35180	2.2	
3.4	1880	436	38880	2.3	
3.8	1819	383	38800	2.8	
2.0	3129	674	41180	0.85	FA 12W55L7555555555
2.3	2830	690	29080	1.05	FAF 12W55L7555555555
2.7	2380	678	33380	1.25	F 12W55L7555555555
3.0	2109	452	38180	1.45	FF 12W55L7555555555
4.0	1599	345	27580	1.90	
3.8	1720	387	14180	0.85	FA 12W55L7555555555
4.3	1520	323	18880	1.00	FAF 12W55L7555555555
4.9	1310	280	19980	1.15	F 12W55L7555555555
2.7	2843	284	40180	2.8	FA 13W55L7555555555
2.5	2819	276	35880	1.50	FAF 13W55L7555555555
3.1	2339	253	41180	1.58	F 13W55L7555555555
3.1	2323	223	38880	1.88	FF 13W55L7555555555
3.2	3209	276	35880	1.90	FA 8W55L7555555555
3.5	3029	253	41180	2.1	FAF 8W55L7555555555
4.0	1793	223	38880	2.4	F 8W55L7555555555
3.3	2159	276	35880	1.40	FF 8W55L7555555555
3.5	2359	276	24580	0.90	FA 8W55L7555555555
3.8	1823	228	37080	1.88	FAF 8W55L7555555555
4.8	1579	197	20780	1.90	F 8W55L7555555555
5.0	1328	178	28180	2.1	FF 8W55L7555555555
5.1	1480	276	28180	3.1	FA 8W55L7555555555
5.4	1320	237	38280	3.3	FAF 8W55L7555555555
6.0	1180	228	29880	2.5	F 8W55L7555555555
4.5	1880	198	31180	0.80	FA 7W55L7555555555
4.8	1580	188	15780	1.80	FAF 7W55L7555555555
6.4	1320	147	18880	1.78	F 7W55L7555555555
6.3	1180	142	21780	1.80	FF 7W55L7555555555
6.8	1040	132	42180	1.48	
5.1	1170	225	17680	1.58	FA 7W55L7555555555
7.0	1030	198	18280	1.48	FAF 7W55L7555555555
7.3	980	188	18480	1.58	F 7W55L7555555555
8.3	860	168	18480	1.78	FF 7W55L7555555555
8.7	140	142	18280	2.8	
11	675	138	42180	1.90	
12	585	114	40380	2.3	
13	585	108	40380	2.7	
8.1	880	172	8878	0.80	FA 6W55L7555555555
9.5	440	162	31180	0.85	FAF 6W55L7555555555
9.7	740	142	40180	1.50	F 6W55L7555555555
11	625	129	79780	1.30	FF 6W55L7555555555
13	585	108	42180	1.48	
14	880	98	12180	1.48	
15	740	98	12180	1.68	FA 6W55L7555555555
17	415	78	78180	1.50	FAF 6W55L7555555555
20	350	67	85180	2.3	F 6W55L7555555555
29	315	61	10080	2.8	FF 6W55L7555555555

输出 转速 Output speed [rpm]	输出 扭矩 Output torque [N·m]	传动 比 Ratio	输入 功率 Input power [kW]	效率 Service factor	机座号
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0.75kW

1.1	6880	137.27	9289	0.80	
13	570	110.01	9289	1.05	
18	488	82.47	10208	1.28	
17	435	83.48	10408	1.40	FA 5W55L7555555555
18	380	72.88	10208	1.60	FAF 5W55L7555555555
29	355	66.22	10908	1.70	F 5W55L7555555555
23	338	88.87	11108	1.88	FF 5W55L7555555555
28	280	51.18	11308	2.3	
31	230	44.73	11608	2.8	
17	418	78.72	9289	0.98	FA 4W55L7555555555
23	355	68.08	10208	1.15	FAF 4W55L7555555555
24	340	56.38	10608	1.28	F 4W55L7555555555
24	293	58.68	7328	1.38	FF 4W55L7555555555
29	250	48.00	7478	1.68	
32	220	42.88	7848	1.88	
38	190	38.01	7828	2.1	
38	176	34.28	7858	2.3	
48	150	28.88	7548	2.7	
29	248	42.07	3838	0.80	FA 3W55L7555555555
31	230	43.83	3888	0.80	FAF 3W55L7555555555
38	189	38.21	4218	1.00	F 3W55L7555555555
38	186	35.91	4488	1.05	FF 3W55L7555555555
44	185	31.58	4838	1.20	
48	146	28.05	4548	1.58	
58	124	23.88	4418	1.90	
88	123	23.63	4408	1.68	
87	107	20.37	4298	1.88	
12	106	19.27	4248	2.8	
61	88	17.03	4138	3.8	
98	74	16.33	3878	2.7	
107	67	12.87	3878	3.8	
128	68	11.08	3828	4.8	FA 3W55L7555555555
132	54	10.42	3888	3.4	FAF 3W55L7555555555
154	47	8.67	3848	3.8	F 3W55L7555555555
206	39	8.14	3238	4.8	FF 3W55L7555555555
228	31	6.05	3158	4.3	
368	27	3.77	3838	4.8	
352	23	4.98	2878	4.7	
327	22	4.22	2858	5.8	
368	28	3.77	2768	8.4	

1.1kW

0.58	16208	2780	9880	1.05	FA 10W55L7555555555
0.58	16008	2427	10880	1.15	FAF 10W55L7555555555
0.84	14308	2188	108780	1.28	F 10W55L7555555555
0.72	12708	1844	112980	1.40	FF 10W55L7555555555
0.84	11208	1744	113380	1.80	
1.1	8540	1338	118080	2.1	FA 10W55L7555555555
1.2	7480	1168	120800	2.3	FAF 10W55L7555555555
1.8	6180	983	120800	2.8	F 10W55L7555555555
1.7	5450	845	120900	3.3	FF 10W55L7555555555
2.1	2880	448	123800	4.8	
4.6	1990	302	120900	8.2	
0.88	13808	2638	87080	0.88	FA 12W55L7555555555
1.33	12308	1784	98800	1.05	FAF 12W55L7555555555
0.87	10808	1688	90300	1.10	F 12W55L7555555555
1.0	8380	1380	90300	1.30	FF 12W55L7555555555
1.1	8153	1205	90300	1.40	
1.3	7280	1077	90300	1.88	
1.1	8960	1243	48900	0.98	FA 10W55L7555555555
1.3	7370	1087	50800	1.08	FAF 10W55L7555555555
1.5	6580	958	51700	1.20	F 10W55L7555555555
1.7	5810	834	51700	1.38	FF 10W55L7555555555
2.0	4670	698	57900	1.58	
2.2	4180	608	53000	1.08	FA 12W55L7555555555
2.7	3580	526	53100	1.28	FAF 12W55L7555555555
3.0	3180	487	52900	1.38	F 12W55L7555555555
3.6	2730	428	53600	1.58	FF 12W55L7555555555
3.8	2450	363	54500	2	



额定 转速 Rated speed n _n [r/min]	额定 输出 转矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 输入 功率 Rated power P ₁ [kW]	效率 Efficiency η ₀	机座号 Model
1.1kW					
17	626	83.46	8470	0.86	FA 47 W011-300V-4
18	595	72.98	8959	1.16	FA 47 W011-300V-4
19	570	65.72	9845	1.13	FA 47 W011-300V-4
20	546	58.87	10300	1.38	FA 47 W011-300V-4
22	516	54.18	10710	1.66	FA 47 W011-300V-4
24	486	49.73	11090	1.98	FA 47 W011-300V-4
26	456	45.58	11450	2.2	FA 47 W011-300V-4
28	426	41.59	11790	2.4	FA 47 W011-300V-4
30	396	37.72	12110	2.6	FA 47 W011-300V-4
32	366	33.96	12410	2.8	FA 47 W011-300V-4
34	336	30.30	12690	3.0	FA 47 W011-300V-4
36	306	26.72	12950	3.2	FA 47 W011-300V-4
38	276	23.22	13190	3.4	FA 47 W011-300V-4
40	246	19.78	13410	3.6	FA 47 W011-300V-4
42	216	16.41	13610	3.8	FA 47 W011-300V-4
44	186	13.10	13790	4.0	FA 47 W011-300V-4
46	156	9.85	13950	4.2	FA 47 W011-300V-4
48	126	6.58	14090	4.4	FA 47 W011-300V-4
50	96	3.30	14210	4.6	FA 47 W011-300V-4
52	66	0.01	14310	4.8	FA 47 W011-300V-4
54	36	0.01	14400	5.0	FA 47 W011-300V-4
56	6	0.01	14480	5.2	FA 47 W011-300V-4
58	3	0.01	14550	5.4	FA 47 W011-300V-4
60	3	0.01	14610	5.6	FA 47 W011-300V-4
62	3	0.01	14660	5.8	FA 47 W011-300V-4
64	3	0.01	14700	6.0	FA 47 W011-300V-4
66	3	0.01	14730	6.2	FA 47 W011-300V-4
68	3	0.01	14760	6.4	FA 47 W011-300V-4
70	3	0.01	14780	6.6	FA 47 W011-300V-4
72	3	0.01	14800	6.8	FA 47 W011-300V-4
74	3	0.01	14810	7.0	FA 47 W011-300V-4
76	3	0.01	14820	7.2	FA 47 W011-300V-4
78	3	0.01	14830	7.4	FA 47 W011-300V-4
80	3	0.01	14840	7.6	FA 47 W011-300V-4
82	3	0.01	14850	7.8	FA 47 W011-300V-4
84	3	0.01	14860	8.0	FA 47 W011-300V-4
86	3	0.01	14870	8.2	FA 47 W011-300V-4
88	3	0.01	14880	8.4	FA 47 W011-300V-4
90	3	0.01	14890	8.6	FA 47 W011-300V-4
92	3	0.01	14900	8.8	FA 47 W011-300V-4
94	3	0.01	14910	9.0	FA 47 W011-300V-4
96	3	0.01	14920	9.2	FA 47 W011-300V-4
98	3	0.01	14930	9.4	FA 47 W011-300V-4
100	3	0.01	14940	9.6	FA 47 W011-300V-4
102	3	0.01	14950	9.8	FA 47 W011-300V-4
104	3	0.01	14960	10.0	FA 47 W011-300V-4
106	3	0.01	14970	10.2	FA 47 W011-300V-4
108	3	0.01	14980	10.4	FA 47 W011-300V-4
110	3	0.01	14990	10.6	FA 47 W011-300V-4
112	3	0.01	15000	10.8	FA 47 W011-300V-4
114	3	0.01	15010	11.0	FA 47 W011-300V-4
116	3	0.01	15020	11.2	FA 47 W011-300V-4
118	3	0.01	15030	11.4	FA 47 W011-300V-4
120	3	0.01	15040	11.6	FA 47 W011-300V-4
122	3	0.01	15050	11.8	FA 47 W011-300V-4
124	3	0.01	15060	12.0	FA 47 W011-300V-4
126	3	0.01	15070	12.2	FA 47 W011-300V-4
128	3	0.01	15080	12.4	FA 47 W011-300V-4
130	3	0.01	15090	12.6	FA 47 W011-300V-4
132	3	0.01	15100	12.8	FA 47 W011-300V-4
134	3	0.01	15110	13.0	FA 47 W011-300V-4
136	3	0.01	15120	13.2	FA 47 W011-300V-4
138	3	0.01	15130	13.4	FA 47 W011-300V-4
140	3	0.01	15140	13.6	FA 47 W011-300V-4
142	3	0.01	15150	13.8	FA 47 W011-300V-4
144	3	0.01	15160	14.0	FA 47 W011-300V-4
146	3	0.01	15170	14.2	FA 47 W011-300V-4
148	3	0.01	15180	14.4	FA 47 W011-300V-4
150	3	0.01	15190	14.6	FA 47 W011-300V-4
152	3	0.01	15200	14.8	FA 47 W011-300V-4
154	3	0.01	15210	15.0	FA 47 W011-300V-4
156	3	0.01	15220	15.2	FA 47 W011-300V-4
158	3	0.01	15230	15.4	FA 47 W011-300V-4
160	3	0.01	15240	15.6	FA 47 W011-300V-4
162	3	0.01	15250	15.8	FA 47 W011-300V-4
164	3	0.01	15260	16.0	FA 47 W011-300V-4
166	3	0.01	15270	16.2	FA 47 W011-300V-4
168	3	0.01	15280	16.4	FA 47 W011-300V-4
170	3	0.01	15290	16.6	FA 47 W011-300V-4
172	3	0.01	15300	16.8	FA 47 W011-300V-4
174	3	0.01	15310	17.0	FA 47 W011-300V-4
176	3	0.01	15320	17.2	FA 47 W011-300V-4
178	3	0.01	15330	17.4	FA 47 W011-300V-4
180	3	0.01	15340	17.6	FA 47 W011-300V-4
182	3	0.01	15350	17.8	FA 47 W011-300V-4
184	3	0.01	15360	18.0	FA 47 W011-300V-4
186	3	0.01	15370	18.2	FA 47 W011-300V-4
188	3	0.01	15380	18.4	FA 47 W011-300V-4
190	3	0.01	15390	18.6	FA 47 W011-300V-4
192	3	0.01	15400	18.8	FA 47 W011-300V-4
194	3	0.01	15410	19.0	FA 47 W011-300V-4
196	3	0.01	15420	19.2	FA 47 W011-300V-4
198	3	0.01	15430	19.4	FA 47 W011-300V-4
200	3	0.01	15440	19.6	FA 47 W011-300V-4
202	3	0.01	15450	19.8	FA 47 W011-300V-4
204	3	0.01	15460	20.0	FA 47 W011-300V-4
206	3	0.01	15470	20.2	FA 47 W011-300V-4
208	3	0.01	15480	20.4	FA 47 W011-300V-4
210	3	0.01	15490	20.6	FA 47 W011-300V-4
212	3	0.01	15500	20.8	FA 47 W011-300V-4
214	3	0.01	15510	21.0	FA 47 W011-300V-4
216	3	0.01	15520	21.2	FA 47 W011-300V-4
218	3	0.01	15530	21.4	FA 47 W011-300V-4
220	3	0.01	15540	21.6	FA 47 W011-300V-4
222	3	0.01	15550	21.8	FA 47 W011-300V-4
224	3	0.01	15560	22.0	FA 47 W011-300V-4
226	3	0.01	15570	22.2	FA 47 W011-300V-4
228	3	0.01	15580	22.4	FA 47 W011-300V-4
230	3	0.01	15590	22.6	FA 47 W011-300V-4
232	3	0.01	15600	22.8	FA 47 W011-300V-4
234	3	0.01	15610	23.0	FA 47 W011-300V-4
236	3	0.01	15620	23.2	FA 47 W011-300V-4
238	3	0.01	15630	23.4	FA 47 W011-300V-4
240	3	0.01	15640	23.6	FA 47 W011-300V-4
242	3	0.01	15650	23.8	FA 47 W011-300V-4
244	3	0.01	15660	24.0	FA 47 W011-300V-4
246	3	0.01	15670	24.2	FA 47 W011-300V-4
248	3	0.01	15680	24.4	FA 47 W011-300V-4
250	3	0.01	15690	24.6	FA 47 W011-300V-4
252	3	0.01	15700	24.8	FA 47 W011-300V-4
254	3	0.01	15710	25.0	FA 47 W011-300V-4
256	3	0.01	15720	25.2	FA 47 W011-300V-4
258	3	0.01	15730	25.4	FA 47 W011-300V-4
260	3	0.01	15740	25.6	FA 47 W011-300V-4
262	3	0.01	15750	25.8	FA 47 W011-300V-4
264	3	0.01	15760	26.0	FA 47 W011-300V-4
266	3	0.01	15770	26.2	FA 47 W011-300V-4
268	3	0.01	15780	26.4	FA 47 W011-300V-4
270	3	0.01	15790	26.6	FA 47 W011-300V-4
272	3	0.01	15800	26.8	FA 47 W011-300V-4
274	3	0.01	15810	27.0	FA 47 W011-300V-4
276	3	0.01	15820	27.2	FA 47 W011-300V-4
278	3	0.01	15830	27.4	FA 47 W011-300V-4
280	3	0.01	15840	27.6	FA 47 W011-300V-4
282	3	0.01	15850	27.8	FA 47 W011-300V-4
284	3	0.01	15860	28.0	FA 47 W011-300V-4
286	3	0.01	15870	28.2	FA 47 W011-300V-4
288	3	0.01	15880	28.4	FA 47 W011-300V-4
290	3	0.01	15890	28.6	FA 47 W011-300V-4
292	3	0.01	15900	28.8	FA 47 W011-300V-4
294	3	0.01	15910	29.0	FA 47 W011-300V-4
296	3	0.01	15920	29.2	FA 47 W011-300V-4
298	3	0.01	15930	29.4	FA 47 W011-300V-4
300	3	0.01	15940	29.6	FA 47 W011-300V-4
302	3	0.01	15950	29.8	FA 47 W011-300V-4
304	3	0.01	15960	30.0	FA 47 W011-300V-4
306	3	0.01	15970	30.2	FA 47 W011-300V-4
308	3	0.01	15980	30.4	FA 47 W011-300V-4
310	3	0.01	15990	30.6	FA 47 W011-300V-4
312	3	0.01	16000	30.8	FA 47 W011-300V-4
314	3	0.01	16010	31.0	FA 47 W011-300V-4
316	3	0.01	16020	31.2	FA 47 W011-300V-4
318	3	0.01	16030	31.4	FA 47 W011-300V-4
320	3	0.01	16040	31.6	FA 47 W011-300V-4
322	3	0.01	16050	31.8	FA 47 W011-300V-4
324	3	0.01	16060	32.0	FA 47 W011-300V-4
326	3	0.01	16070	32.2	FA 47 W011-300V-4
328	3	0.01	16080	32.4	FA 47 W011-300V-4
330	3	0.01	16090	32.6	FA 47 W011-300V-4
332	3	0.01	16100	32.8	FA 47 W011-300V-4
334	3	0.01	16110	33.0	FA 47 W011-300V-4
336	3	0.01	16120	33.2	FA 47 W011-300V-4
338	3	0.01	16130	33.4	FA 47 W011-300V-4
340	3	0.01	16140	33.6	FA 47 W011-300V-4
342	3	0.01	16150	33.8	FA 47 W011-300V-4
344	3	0.01	16160	34.0	FA 47 W011-300V-4
346	3	0.01	16170	34.2	FA 47 W011-300V-4
348	3	0.01	16180	34.4	FA 47 W011-300V-4
350	3	0.01	16190	34.6	FA 47 W011-300V-4
352	3	0.01	16200	34.8	FA 47 W011-300V-4
354	3	0.01	16210	35.0	FA 47 W011-300V-4
356	3	0.01	16220	35.2	FA 47 W011-300V-4
358	3	0.01	16230	35.4	FA 47 W011-300V-4
360	3	0.01	16240	35.6	FA 47 W011-300V-4
362	3	0.01	16250	35.8	FA 47 W011-300V-4
364	3	0.01	16260	36.0	FA 47 W011-300V-4
366	3	0.01	16270	36.2	FA 47 W011-300V-4



Output frequency [MHz]	Output power [W]	Output ratio [dB]	Permitted frequency range [MHz]	Service band [MHz]	Model
4.0 kHz					
87	570	21.17	9490	1.05	
76	915	18.81	9490	1.18	
86	405	18.49	9490	1.40	
89	403	15.98	9490	1.80	
100	363	13.33	9490	1.88	FA 107 W10A-SXW-4
110	333	12.29	9490	2.17	FA 107 W10A-SXW-4
150	285	10.64	9150	2.1	FA 107 W10A-SXW-4
150	290	9.31	9650	1.70	FA 107 W10A-SXW-4
170	245	8.68	9750	1.55	
184	216	7.79	9850	1.40	
210	177	6.58	9975	2.4	
237	171	6.89	9410	2.0	
274	159	5.58	9540	3.6	
5.5 kHz					
2.8	19300	915	96500	9.95	
2.8	18800	920	92500	1.05	
3.2	15500	480	10200	1.20	
3.2	15510	495	11400	1.55	FA 107 W10A-SXW-4
4.7	17100	302	11130	1.88	FA 107 W10A-SXW-4
6.2	9180	257	11830	1.88	FA 107 W10A-SXW-4
6.2	9180	256	11830	1.88	FA 107 W10A-SXW-4
7.1	8790	252	12000	2.1	
7.3	8870	197	12000	2.7	
3.4	14000	418	98500	8.85	
3.8	12600	374	8840	1.80	
3.8	12600	312	90000	1.80	FA 107 W10A-SXW-4
4.8	8940	280	90000	1.20	FA 107 W10A-SXW-4
5.8	8880	280	90500	1.40	FA 107 W10A-SXW-4
6.4	7500	235	90000	1.60	
3.3	14000	433	96500	8.85	FA 107 W10A-SXW-4
3.8	12700	376	8810	1.80	FA 107 W10A-SXW-4
3.8	12700	310	91500	1.80	FA 107 W10A-SXW-4
2.7	18860	957.45	94500	8.90	
3.3	18100	217.62	102000	1.10	
3.3	18100	178.1	11500	1.50	
4.4	21400	162.96	114000	1.80	FA 107 W10A-SXW-4
5.8	18900	140.80	119000	1.10	FA 107 W10A-SXW-4
5.8	18900	125.14	119000	1.90	FA 107 W10A-SXW-4
6.8	8630	126.49	119700	2.3	F 107 W10A-SXW-4
7.4	7340	95.53	119000	2.5	
7.4	7340	95.53	119000	2.5	
8.1	8800	78.48	120000	2.1	
10	5950	66.08	120000	3.6	
3.8	12600	119.85	89100	8.95	FA 107 W10A-SXW-4
3.8	17400	153.67	90000	1.05	FA 107 W10A-SXW-4
3.8	17400	123.17	90000	2.8	FA 107 W10A-SXW-4
3.2	8460	114.34	90000	1.40	FA 107 W10A-SXW-4
3.8	7810	215.37	48200	8.85	FA 107 W10A-SXW-4
7.3	8260	189.11	86000	1.40	FA 107 W10A-SXW-4
8.8	8090	178.64	91700	1.15	F 107 W10A-SXW-4
8.8	8330	181.28	94200	1.30	FA 107 W10A-SXW-4
3.2	8300	148.49	93500	1.45	
11	4770	123.84	99000	1.80	FA 107 W10A-SXW-4
12	4330	112.97	97700	1.75	FA 107 W10A-SXW-4
18	3200	100.37	98000	2.3	FA 107 W10A-SXW-4
18	3400	92.47	98000	2.3	FA 107 W10A-SXW-4
18	3300	86.49	98000	2.3	FA 107 W10A-SXW-4
17	3560	83.89	95000	2.8	
11	4660	127.42	21600	8.60	FA 107 W10A-SXW-4
15	4110	112.96	98000	1.65	FA 107 W10A-SXW-4
14	3750	110.19	91400	1.5	FA 107 W10A-SXW-4



额定 转速 Speed [r/min]	额定 转矩 Torque [N·m]	传动 比 Ratio i	额定 功率 Power [kW]	减速机 Service factor K _s	机座号 Model	额定 转速 Speed [r/min]	额定 转矩 Torque [N·m]	传动 比 Ratio i	额定 功率 Power [kW]	减速机 Service factor K _s	机座号 Model
5.5kW											
15	5589	97.58	31900	1.30		3.3	21908	217.42	87600	0.88	
15	2000	89.85	20900	1.30		4.8	11798	106.29	47100	1.08	
17	3110	89.38	32900	1.39		4.8	10228	123.28	39200	1.30	
18	2000	80.37	23400	1.40	FA, BT W055-SK04	3.3	14128	264.80	10100	1.30	
18	2760	76.83	26800	1.50	FA, BT W055-SK04	4.8	12408	126.14	10300	1.40	
20	2480	72.28	24100	1.40	FF BT W055-SK04	6.8	10458	168.49	10100	1.80	FA, BT W055-SK04
22	2430	66.47	24800	1.60	FF BT W055-SK04	7.8	9908	86.53	10700	1.80	FA, BT W055-SK04
25	2136	66.56	24600	2.0		8.4	8508	80.80	10300	2.1	FA, BT W055-SK04
30	1944	61.68	21900	2.0		10.8	7818	76.48	10200	2.3	FA, BT W055-SK04
37	1900	55.48	19900	2.0		11	6798	68.28	12600	2.7	
37	1900	55.48	19900	2.0		12	6598	66.26	12600	3.0	
37	1900	55.48	19900	2.0		16	6208	62.38	12600	3.6	
40	2160	55.18	21800	2.0	FA, BT W055-SK04	15	4918	48.48	10900	3.0	
45	2016	51.78	21200	1.30	FF BT W055-SK04	16	3988	46.08	10900	4.3	
50	1800	50.38	20600	1.80		3.8	30008	267.43	8800	0.88	
50	1800	45.28	20500	1.70	FA, BT W055-SK04	4.8	16598	171.62	10100	1.40	
55	1440	39.39	20100	1.90	FA, BT W055-SK04	5.4	13598	126.29	10100	1.30	
60	1260	35.18	19100	2.0	FF BT W055-SK04	6.8	12008	163.88	10300	1.80	
60	1074	33.20	18100	2.3	FF BT W055-SK04	8.8	10408	141.83	10300	1.70	
60	1074	33.20	18100	2.3	FF BT W055-SK04	7.7	6548	126.14	10300	1.80	
60	1074	33.20	18100	2.3	FF BT W055-SK04	8.8	6008	108.48	10100	2.2	
60	1074	33.20	18100	2.3	FF BT W055-SK04	9.8	5798	86.53	10900	2.3	
60	1074	33.20	18100	2.3	FF BT W055-SK04	11	5408	86.26	12600	3.0	
60	1074	33.20	18100	2.3	FF BT W055-SK04	15	5008	52.38	10900	4.8	
70	1188	45.37	13000	0.88		8.8	13508	126.27	8800	0.88	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	11408	114.43	8800	1.08	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	9908	86.53	8800	1.30	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	8508	80.80	8800	1.40	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	7818	76.48	8800	1.50	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	7018	70.18	8800	1.60	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	6218	62.18	8800	1.70	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	5418	54.18	8800	1.80	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	4618	46.18	8800	1.90	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	3818	38.18	8800	2.0	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	3018	30.18	8800	2.1	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	2218	22.18	8800	2.2	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	1418	14.18	8800	2.3	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	618	6.18	8800	2.4	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	2.5	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	2.6	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	2.7	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	2.8	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	2.9	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.0	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.1	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.2	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.3	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.4	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.5	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.6	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.7	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.8	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	3.9	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.0	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.1	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.2	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.3	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.4	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.5	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.6	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.7	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.8	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	4.9	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.0	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.1	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.2	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.3	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.4	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.5	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.6	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.7	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.8	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	5.9	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.0	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.1	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.2	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.3	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.4	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.5	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.6	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.7	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.8	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	6.9	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.0	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.1	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.2	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.3	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.4	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.5	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.6	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.7	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.8	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	7.9	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.0	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.1	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.2	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.3	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.4	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.5	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.6	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.7	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.8	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	8.9	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	9.0	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8	8800	9.1	FA, BT W055-SK04
70	1188	45.37	13000	0.88		8.8	18	1.8			



输出速度 Output speed n ₂ [r/min]	输出扭矩 Output torque M ₂ [N·m]	传动比 Ratio i	额定功率 Permitted Service power P ₂ [kW]	效率 η ₂	机座号 Model	输出速度 Output speed n ₂ [r/min]	输出扭矩 Output torque M ₂ [N·m]	传动比 Ratio i	额定功率 Permitted Service power P ₂ [kW]	效率 η ₂	机座号 Model
11.0kW						15.0kW					
7.7	13190	125.37	87100	0.85	FA 12T W8210-04	8.3	20980	232	90400	0.88	FA 15T87 1928 1928-04
8.4	12380	114.34	85500	0.85	FA 12T W8210-04	9.7	17780	197	89500	1.00	FA 15T87 1928 1928-04
9.7	10680	99.56	90500	1.10	FAF 12T W8210-04	11	15580	181	91500	1.00	FA 15T87 1928 1928-04
11	9506	87.31	90500	1.25	FA 12T W8210-04	13	13580	161.80	92400	0.85	FA 15T108 1928 1928-04
13	8236	76.41	90500	1.40	FA 12T W8210-04	15	11980	138.21	92400	0.85	FA 15T108 1928 1928-04
14	12680	170.83	89600	0.85	FA 12T W8210-04	16.7	10880	125.49	92400	1.00	FA 15T108 1928 1928-04
15.4	11500	153.63	86500	1.05	FA 12T W8210-04	18	9780	110.49	92400	1.00	FA 15T108 1928 1928-04
17	9180	129.37	90500	1.30	FA 12T W8210-04	20	8680	97.79	92400	1.00	FA 15T108 1928 1928-04
18	8346	114.34	90500	1.45	FA 12T W8210-04	22.4	7580	85.09	92400	1.00	FA 15T108 1928 1928-04
18	7220	98.86	90500	1.60	FA 12T W8210-04	25	6480	72.39	92400	1.00	FA 15T108 1928 1928-04
19	6276	87.31	90500	1.80	FA 12T W8210-04	28	5380	60.29	101700	1.00	FA 15T108 1928 1928-04
19	5690	76.41	88600	2.2	FA 12T W8210-04						
12	8600	117.84	47300	0.80	FA 10T W8210-04	8.3	21480	217.83	88600	0.85	FA 15T108 1928 1928-04
14	7480	101.58	50600	1.05	FA 10T W8210-04	9.7	17980	178.20	91000	1.00	FA 15T108 1928 1928-04
16	6738	92.47	52200	1.15	FA 10T W8210-04	11	15980	158.49	91000	1.00	FA 15T108 1928 1928-04
17	6130	83.98	52700	1.25	FA 10T W8210-04	13	13980	138.21	91000	1.00	FA 15T108 1928 1928-04
18	5640	76.42	53200	1.40	FA 10T W8210-04	15	11980	118.20	91000	1.00	FA 15T108 1928 1928-04
19	4950	67.43	53200	1.60	FA 10T W8210-04	16.7	10880	105.49	91000	1.00	FA 15T108 1928 1928-04
19	4420	60.43	54400	1.80	FA 10T W8210-04	18	9780	92.79	91000	1.00	FA 15T108 1928 1928-04
19	3930	53.43	55100	2.1	FA 10T W8210-04	20	8680	80.09	91000	1.00	FA 15T108 1928 1928-04
19	3140	43.03	55100	2.5	FA 10T W8210-04	22.4	7580	69.29	91000	1.00	FA 15T108 1928 1928-04
43	2470	33.78	51200	3.0	FA 10T W8210-04	25	6480	57.49	91000	1.00	FA 15T108 1928 1928-04
42	2070	27.67	48600	3.9	FA 10T W8210-04	28	5380	46.29	91000	1.00	FA 15T108 1928 1928-04
37	1830	25.14	47800	4.3	FA 10T W8210-04	30	4680	39.49	91000	1.00	FA 15T108 1928 1928-04
22	4790	85.47	24900	0.99	FA 8T W8210-04	33	3580	31.49	91000	1.00	FA 15T108 1928 1928-04
24	4242	88.67	25100	1.08	FA 8T W8210-04	37	2480	20.49	91000	1.00	FA 15T108 1928 1928-04
27	3530	52.49	27100	1.19	FA 8T W8210-04	42	1380	11.49	91000	1.00	FA 15T108 1928 1928-04
32	3270	44.48	27600	1.30	FA 8T W8210-04						
31	2830	38.60	28100	1.50	FA 8T W8210-04	32	2180	18.49	91000	1.00	FA 15T108 1928 1928-04
44	2370	32.88	26200	1.80	FA 8T W8210-04	37	1080	8.49	91000	1.00	FA 15T108 1928 1928-04
42	2470	33.85	26800	1.78	FA 8T W8210-04	42	580	4.49	91000	1.00	FA 15T108 1928 1928-04
47	2120	30.39	26800	1.95	FA 8T W8210-04						
52	2080	27.44	28600	2.2	FA 8T W8210-04	47	278	2.49	91000	1.00	FA 15T108 1928 1928-04
58	1920	24.92	25200	2.4	FA 8T W8210-04						
68	1670	21.11	24700	2.7	FA 8T W8210-04						
37	2470	39.38	14680	0.98	FA 8T W8210-04	33	2180	18.49	91000	1.00	FA 15T108 1928 1928-04
41	2370	35.18	14680	1.00	FA 8T W8210-04	37	1080	8.49	91000	1.00	FA 15T108 1928 1928-04
49	2130	29.29	15900	1.25	FA 8T W8210-04	42	580	4.49	91000	1.00	FA 15T108 1928 1928-04
64	1630	26.58	18080	1.55	FA 8T W8210-04	47	278	2.49	91000	1.00	FA 15T108 1928 1928-04
67	1730	25.68	18080	1.65	FA 8T W8210-04						
74	1480	22.90	18080	1.95	FA 8T W8210-04	47	278	2.49	91000	1.00	FA 15T108 1928 1928-04
84	1240	20.21	14680	2.1	FA 8T W8210-04	52	178	1.49	91000	1.00	FA 15T108 1928 1928-04
94	1040	17.54	14680	2.4	FA 8T W8210-04	57	128	0.99	91000	1.00	FA 15T108 1928 1928-04
104	910	15.48	14680	2.7	FA 8T W8210-04	62	88	0.69	91000	1.00	FA 15T108 1928 1928-04
113	810	13.42	14180	3.1	FA 8T W8210-04	67	58	0.49	91000	1.00	FA 15T108 1928 1928-04
73	1640	18.70	18180	1.68	FA 7T W8210-04	72	38	0.39	91000	1.00	FA 15T108 1928 1928-04
82	1280	14.78	17180	1.90	FA 7T W8210-04	77	28	0.29	91000	1.00	FA 15T108 1928 1928-04
92	1140	13.60	16180	2.10	FA 7T W8210-04	82	18	0.19	91000	1.00	FA 15T108 1928 1928-04
102	1020	12.60	15180	2.40	FA 7T W8210-04	87	13	0.14	91000	1.00	FA 15T108 1928 1928-04
112	898	12.20	13780	2.70	FA 7T W8210-04	92	8	0.09	91000	1.00	FA 15T108 1928 1928-04
122	794	11.30	12780	3.00	FA 7T W8210-04	97	5	0.05	91000	1.00	FA 15T108 1928 1928-04
132	698	10.30	11780	3.30	FA 7T W8210-04	102	3	0.03	91000	1.00	FA 15T108 1928 1928-04
142	604	9.30	10780	3.60	FA 7T W8210-04	107	2	0.02	91000	1.00	FA 15T108 1928 1928-04
152	510	8.30	9780	3.90	FA 7T W8210-04	112	1	0.01	91000	1.00	FA 15T108 1928 1928-04
162	416	7.30	8780	4.20	FA 7T W8210-04						
172	322	6.30	7780	4.50	FA 7T W8210-04						
182	228	5.30	6780	4.80	FA 7T W8210-04						
192	134	4.30	5780	5.10	FA 7T W8210-04						
202	84	3.30	4780	5.40	FA 7T W8210-04						
212	74	2.30	3780	5.70	FA 7T W8210-04						
222	64	1.30	2780	6.00	FA 7T W8210-04						
232	54	0.30	1780	6.30	FA 7T W8210-04						
242	44	0.30	7780	6.60	FA 7T W8210-04						
252	34	0.30	6780	6.90	FA 7T W8210-04						
262	24	0.30	5780	7.20	FA 7T W8210-04						
272	14	0.30	4780	7.50	FA 7T W8210-04						
282	4	0.30	3780	7.80	FA 7T W8210-04						
292	4	0.30	2780	8.10	FA 7T W8210-04						
302	4	0.30	1780	8.40	FA 7T W8210-04						
312	4	0.30	7780	8.70	FA 7T W8210-04						
322	4	0.30	6780	9.00	FA 7T W8210-04						
332	4	0.30	5780	9.30	FA 7T W8210-04						
342	4	0.30	4780	9.60	FA 7T W8210-04						
352	4	0.30	3780	9.90	FA 7T W8210-04						
362	4	0.30	2780	10.20	FA 7T W8210-04						
372	4	0.30	1780	10.50	FA 7T W8210-04						
382	4	0.30	7780	10.80	FA 7T W8210-04						
392	4	0.30	6780	11.10	FA 7T W8210-04						
402	4	0.30	5780	11.40	FA 7T W8210-04						
412	4	0.30	4780	11.70	FA 7T W8210-04						
422	4	0.30	3780	12.00	FA 7T W8210-04						
432	4	0.30	2780	12.30	FA 7T W8210-04						
442	4	0.30	1780	12.60	FA 7T W8210-04						
452	4	0.30	7780	12.90	FA 7T W8210-04						
462	4	0.30	6780	13.20	FA 7T W8210-04						
472	4	0.30	5780	13.50	FA 7T W8210-04						
482	4	0.30	4780	13.80	FA 7T W8210-04						
492	4	0.30	3780	14.10	FA 7T W8210-04						
502	4	0.30	2780	14.40	FA 7T W8210-04						
512	4	0.30	1780	14.70	FA 7T W8210-04						
522	4	0.30	7780	15.00	FA 7T W8210-04						
532	4	0.30	6780	15.30	FA 7T W8210-04						
542	4	0.30	5780	15.60	FA 7T W8210-04						
552	4	0.30	4780	15.90	FA 7T W8210-04						
562	4	0.30	3780	16.20	FA 7T W8210-04						
572	4	0.30	2780	16.50	FA 7T W8210-04						
582	4	0.30	1780	16.80	FA 7T W8210-04						
592	4	0.30	7780	17.10	FA 7T W8210-04						
602	4	0.30	6780	17.40	FA 7T W8210-04						
612	4	0.30	5780	17.70	FA 7T W8210-04						
622	4	0.30	4780	18.00	FA 7T W8210-04						
632	4	0.30	3780	18.30	FA 7T W8210-04						
642	4	0.30	2780	18.60	FA 7T W8210-04						
652	4	0.30	1780	18.90	FA 7T W8210-04						
662	4	0.30	7780	19.20	FA 7T W8210-04						
672	4	0.30	6780	19.50	FA 7T						



输出 功率 Output power P ₂ [kW]	输出 转矩 Output torque M ₂ [N·m]	传动 比 Ratio i	允许 过载 Permitted overload F _{ov}	服务 系数 Service factor K _s	机型号 Model
30kW					
14	21180	138.49	0.9600	0.85	
15	18880	98.52	0.9600	0.85	
17	16700	88.52	0.9600	0.85	
18	15300	78.40	0.9600	1.20	Fx 107 W50A0004
22	13200	68.28	0.9600	1.20	Fx 107 W50A0004
24	12200	62.25	0.9600	1.20	Fx 107 W50A0004
26	11200	56.23	0.9600	1.20	Fx 107 W50A0004
30	9000	46.48	0.9600	2.0	
37	7070	46.80	0.7730	2.0	
38	14700	73.41	0.8800	0.80	
41	13700	73.41	0.8800	0.80	
42	12500	63.31	0.6900	0.80	
47	10800	53.31	0.8800	1.20	Fx 107 W50A0004
50	9570	44.80	0.6900	1.20	Fx 107 W50A0004
55	8770	42.25	0.6900	1.20	Fx 107 W50A0004
58	7770	37.28	0.6730	1.85	
67	6110	31.33	0.6230	1.85	
68	6000	38.30	0.7130	2.0	
69	5240	28.80	0.6100	1.80	Fx 107 W50A0004
70	4780	24.25	0.6100	1.80	Fx 107 W50A0004
68	4710	21.38	0.9430	2.0	Fx 107 W50A0004
74	3880	18.87	0.8800	2.0	Fx 107 W50A0004
34	8190	43.03	0.9030	0.98	Fx 107 W50A0004
38	7330	37.61	0.9030	1.08	Fx 107 W50A0004
46	6200	31.68	0.9330	1.25	Fx 107 W50A0004
53	5570	27.67	0.9030	1.68	
58	4990	25.14	0.9030	1.68	
68	4240	21.38	0.9030	1.80	Fx 107 W50A0004
77	3730	19.28	0.8100	2.0	Fx 107 W50A0004
88	3230	16.88	0.7800	2.0	Fx 107 W50A0004
110	2480	14.27	0.6900	2.0	Fx 107 W50A0004
118	2480	12.33	0.6900	2.0	
148	1940	9.96	0.6000	3.0	
68	4370	22.15	1.0100	1.08	
77	3940	20.07	1.0500	1.18	
88	3380	17.29	1.0500	1.28	
98	2930	15.08	1.0330	1.48	
110	2480	12.17	1.0400	1.80	Fx 107 W50A0004
132	1880	11.16	1.0400	1.70	Fx 107 W50A0004
152	1770	9.95	1.0400	1.70	Fx 107 W50A0004
178	1680	8.22	1.0330	1.68	Fx 107 W50A0004
208	1580	7.07	1.0100	1.70	Fx 107 W50A0004
238	1230	6.17	1.0900	1.68	
281	1020	5.23	1.0800	2.0	
312	890	4.57	1.0300	2.0	
37kW					
17	20900	85.89	0.8600	0.85	
18	18800	78.48	0.8600	0.85	
22	16800	68.28	0.8600	1.10	Fx 107 W50A0004
24	14500	60.25	0.7800	1.20	Fx 107 W50A0004
26	13600	52.25	0.7800	1.20	Fx 107 W50A0004
30	10800	42.25	0.7500	1.70	Fx 107 W50A0004
37	8620	36.08	0.6800	1.88	
47	7420	31.68	0.6400	2.0	
53	7020	27.60	0.7000	2.0	
37	13200	63.31	0.8000	0.80	
41	11700	46.80	0.7100	1.00	Fx 107 W50A0004
45	11100	42.25	0.7100	1.20	Fx 107 W50A0004
38	8860	37.28	0.8700	1.20	Fx 107 W50A0004
47	7430	31.33	0.7900	1.60	Fx 107 W50A0004
58	6080	26.30	0.8800	1.80	
45kW					
24	21500	68.25	0.7800	0.85	
28	18800	62.24	0.7800	0.88	Fx 107 W50A0004
32	16500	48.40	0.7800	1.10	Fx 107 W50A0004
37	14200	42.28	0.7400	1.20	Fx 107 W50A0004
41	11800	32.85	0.7800	1.85	Fx 107 W50A0004
53	9020	27.80	0.7200	1.85	
52	10200	28.80	0.7200	1.85	Fx 107 W50A0004
58	8800	28.43	0.7800	1.85	Fx 107 W50A0004
67	7890	22.05	0.7600	2.0	Fx 107 W50A0004
75	7040	18.77	0.6900	2.4	Fx 107 W50A0004
85	6020	16.88	0.7000	3.0	
40	13300	37.28	0.8000	0.80	Fx 107 W50A0004
47	11200	31.33	0.7400	1.00	Fx 107 W50A0004
58	9010	26.30	0.8100	1.30	Fx 107 W50A0004

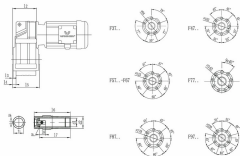
输出 功率 Output power P ₂ [kW]	输出 转矩 Output torque M ₂ [N·m]	传动 比 Ratio i	允许 过载 Permitted overload F _{ov}	服务 系数 Service factor K _s	机型号 Model
55kW					
48	2610	21.38	0.7000	1.68	
78	1720	18.87	0.6800	1.68	
90	1620	16.28	0.6730	1.98	
111	1480	14.45	0.6400	2.0	
118	1440	12.34	0.6400	2.2	Fx 107 W50A0004
148	1030	10.18	0.6800	2.8	Fx 107 W50A0004
166	1160	8.68	0.6800	2.8	Fx 107 W50A0004
187	2810	7.88	0.6230	2.1	Fx 107 W50A0004
217	3420	6.68	0.6200	2.9	
281	1870	5.22	0.7100	3.0	
308	1670	4.68	0.6800	3.8	
75kW					
32	22800	46.48	0.6900	0.88	Fx 107 W50A0004
37	19400	40.06	0.6400	0.98	Fx 107 W50A0004
49	15800	32.88	0.6400	1.10	Fx 107 W50A0004
54	13400	27.68	0.6500	1.38	Fx 107 W50A0004
82	13800	26.80	0.6800	1.20	
87	12300	25.43	0.6400	1.20	Fx 107 W50A0004
87	10700	22.18	0.6800	1.70	Fx 107 W50A0004
75	9570	18.77	0.6400	1.80	Fx 107 W50A0004
88	8750	16.88	0.6100	2.0	Fx 107 W50A0004
106	6700	13.86	0.6100	2.8	Fx 107 W50A0004
124	5770	11.92	0.6100	3.8	
58	12200	26.30	0.4000	1.80	Fx 107 W50A0004
67	10700	21.38	0.4400	1.10	Fx 107 W50A0004
78	9700	18.87	0.4100	1.40	Fx 107 W50A0004
90	9200	16.36	0.4200	1.40	Fx 107 W50A0004
102	7400	14.30	0.4000	1.30	Fx 107 W50A0004
110	6970	12.54	0.4400	1.65	Fx 107 W50A0004
148	1400	10.19	0.4700	1.85	Fx 107 W50A0004
167	1280	8.88	0.4200	1.88	Fx 107 W50A0004
185	1010	7.58	0.4500	1.55	Fx 107 W50A0004
218	1200	6.48	0.4700	2.1	Fx 107 W50A0004
268	2870	5.52	0.3800	2.2	
370	2210	4.68	0.3800	2.3	
90kW					
45	18800	32.85	0.6100	0.85	Fx 107 W50A0004
54	16800	27.80	0.6200	1.10	Fx 107 W50A0004
52	16800	28.80	0.6000	1.80	Fx 107 W50A0004
58	14800	23.43	0.6400	1.20	Fx 107 W50A0004
67	12900	22.05	0.6500	1.40	Fx 107 W50A0004
75	11200	18.77	0.6500	1.50	Fx 107 W50A0004
88	8700	16.88	0.6800	1.88	Fx 107 W50A0004
105	6710	13.86	0.6900	2.1	
124	6020	11.92	0.7000	2.3	
56	14700	25.30	0.3100	0.80	Fx 107 W50A0004
60	12400	21.38	0.3800	0.85	Fx 107 W50A0004
78	11800	18.87	0.4000	1.50	Fx 107 W50A0004
90	9500	16.36	0.4100	1.10	Fx 107 W50A0004
102	8800	14.30	0.4100	1.30	Fx 107 W50A0004
110	7200	12.54	0.4100	1.35	Fx 107 W50A0004
145	5820	10.19	0.4100	1.80	Fx 107 W50A0004
158	4500	8.88	0.4100	1.30	Fx 107 W50A0004
218	3800	6.88	0.3800	1.70	
268	3210	5.52	0.3800	1.85	
370	2720	4.68	0.3800	2.3	



F37...F187...



FA37B...FA187B...



型号 Model	a b	e f	g	h	j	k	m n	p q	轴伸尺寸 Shaft dimension				
									d	i	l1 l2	s	u
F37...	77	96	72.5	76	31	20	M8 11	M8 11	25x8	56	5	M18	28
FA37B...	115	135											8
F47...	93	109	91	77	43	20	M8 11	M10 15	30x8	60	3.5	M18	33
FA47B...	145	165											8
F67...	102	128	104.5	93	55	25	M12 17	M12 17	35x8	70	7	M12	35
FA67B...	170	198											10
F87...	112	131	118.5	97	68	25	M12 17	M12 17	40x8	80	5	M18	43
FA87B...	190	215											12
F77...	140	165	137.5	121	73	35	M12 17	M16 25	50x8	100	10	M18	53.5
FA77B...	240	275											14
F87...	168	198	183	152	100	40	M16 25	M16 25	60x8	120	5	M20	64
FA87B...	310	350											18
F97...	208	243	190.5	178	120	50	M18 28	M20 28	70x8	140	7.5	M20	74.5
FA97B...	350	400											20
F107...	220	263	241.5	200	125	60	i	M24 38	90x8	170	5	M24	85
FA107B...	400	460											25
F127...	270	318	291	235	142	70	i	M30 45	110x8	210	15	M24	116
FA127B...	450	520											28
F157...	310	364	325	280	170	80	i	M36 55	120x8	210	5	M24	127
FA157B...	540	620											32

型号 Model	空心轴尺寸 Hollow Shaft dimension								H J	L1	L2	N	Q
	d1	d2	13 14	15	16 17	18	s1	in s1					
F37...	30H7	48	2.8	123	105	17	M10x25	33.3	252	168	180	110	112
FA37B...			22.5					8					128
F47...	35H7	60	3	183	150	22	M10x25	36.5	268	188	183	133	126.1
FA47B...			31					10					128
F67...	40H7	66	3	178	166	29	M16x40	43.5	317		221	150	136
FA67B...			33.5		142			12	208				168
F87...	40H7	66	3.5	184	180	29	M16x40	43.5	343		242	181	189.8
FA87B...			37		156			12	212				168
F77...	50H7	70	4	210	210	32	M16x45	53.8	428		284	193	200
FA77B...			36.5		163			14	278				
F87...	80H7	88	4	243	240	35	M20x50	64.4	531		344	234	246.7
FA87B...			45		210			18	338				250
F87...	70H7	95	4	283	300	34	M20x50	74.9	623		418	274	285
FA87B...			48.5		270			20	408				300
F137...	90H7	118	2.5	383	350	40	M24x60	85.4	717		484	312	332.4
FA137B...			69.5		313			25	658				350
F127...	100H7	135	2.5	413	410	35	M24x60	108.4	808		585	373	382.6
FA127B...			78.25		373			28	538				450
F157...	120H7	155	7	503	500	35	M24x60	127.4	1021		682	485	447
FA157B...			118		480			32	868				550



FF37...FF157...



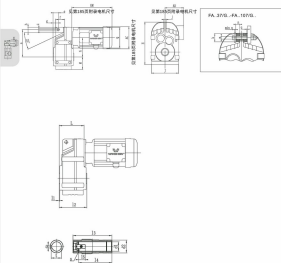
FAF37...FAF157...

法兰形式
Flange form

型号 Model	法兰形式 Flange form	a b	c e	f g	轴伸尺寸 Shaft dimension								H J	L1 L2	M N Q
					d I	11 12	s	t u	d1 d2	13 14	15 16	17 18	t1 u1		
FF37... FAF37...	Fig.1	180 110h6	3.8 10	130 8	35h8 56	8 49	M10	38 8	35H7 45	34 123	128 165	17 M10X25	33.3 8	282 165	184 128
FF47... FAF47...	Fig.1	230 130h6	3.8 12	165 11	35h8 66	3.5 50	M10	33 8	35H7 50	25 183	150 132	22 M10X25	38.3 10	268 188	216 162
FF57... FAF57...	Fig.1	280 180h6	4 15	215 13.5	35h8 75	7 86	M12	38 18	40H7 55	33.8 170	188 142	28 M18X40	43.3 12	317 208	243 177
FF67... FAF67...	Fig.1	280 180h6	4 15	215 13.5	40h8 86	8 79	M16	43 12	45H7 55	33 184	188 158	28 M18X40	43.3 12	343 212	284 188
FF77... FAF77...	Fig.1	330 230h6	4 16	265 13.8	40h8 120	10 80	M16	53.5 14	50H7 70	37 213	210 183	32 M18X45	53.8 14	426 278	330 234
FF87... FAF87...	Fig.1	380 250h6	5 16	320 17.8	50h6 120	8 113	M20	64 18	65H7 85	38 243	240 210	38 M20X50	64.4 18	531 338	374 258
FF97... FAF97...	Fig.2	450 300h6	5 22	420 17.5	75h6 140	7.5 129	M20	74.8 28	70H7 95	41.5 305	360 279	34 M20X50	74.9 20	623 468	456 321
FF107... FAF107...	Fig.2	450 300h6	5 22	420 17.8	80h6 170	8 160	M24	86 25	90H7 110	41 353	360 313	48 M24X60	85.4 25	717 458	523 358
FF127... FAF127...	Fig.2	580 450h6	8 25	580 17.8	110h6 210	15 180	M24	116 38	100H7 130	51 413	410 373	56 M24X60	106.4 28	856 530	634 428
FF157... FAF157...	Fig.2	680 450h6	8 22	680 210	130h6 210	8 208	M24	127 32	120H7 188	68 803	580 480	56 M24X60	127.4 32	1021 683	725 521



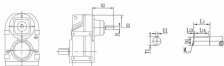
FA37...-FA157...



型号 Model	a b	c e	f g	空心轴尺寸 Hollow Shaft Dimension					扭矩单位 Torque unit			H J	L	M	N Q
				d1 d2	11 12	13 14	15 a	t u	K M N	p q	r				
FA37 FA...37G...	158 30	14 31.5	45 15	30H7 45	0.5 123	120 105	17 M16X25	33.3 8	40 12.5 5	28 1	292 172 12	110	76	112 120	
FA47 FA...47G...	179 22	14 32	64 12	38H7 50	1 153	180 132	22 M16X25	38.3 10	40 12.5 5	28 1.8	269 169 12	133	77	128.1 120	
FA57 FA...57G...	188 31	14 40.5	80 19.5	40H7 55	1 170	186 142	29 M16X40	43.3 12	40 12.5 5	28 2.4	317 210 14	180	93	138 180	
FA67 FA...67G...	218 40	14 41	85 21	40H7 55	1 184	180 156	29 M16X40	43.3 12	40 12.5 5	28 3	343 223 18	181	97	159.8 180	
FA77 FA...77G...	278 49	22 83	89 28	50H7 70	1 213	210 183	32 M16X45	53.8 14	40 21 10	38 3.2	426 282 20	193	121	293 290	
FA87 FA...87G...	348 57	22 82	79 32	60H7 85	1 243	240 210	36 M20X50	64.4 18	40 21 10	38 4.5	531 336 28	224	182	245.7 250	
FA97 FA...97G...	385 66	28 73	104 34	70H7 95	1 303	300 270	34 M20X50	74.9 20	40 25 12	48 5	623 414 32	276	178	285 300	
FA107 FA...107G...	485 108	28 88	100 57	90H7 118	2.5 353	350 313	40 M24X60	95.4 25	40 25 12	48 6	717 456 38	312	280	332.4 350	
FA127 FA...127G...	559 138	33 110	125 85	100H7 138	2.5 413	410 373	38 M24X60	106.4 28	100 32 15	68 9	856 530 48	373	236	382.8 490	
FA157 FA...157G...	669 173	33 150	140 98	120H7 158	7 503	500 460	36 M24X60	127.4 32	120 32 15	68 9	1021 660 45	455	288	447 550	



F...80...



		G2	K2	D1	L1	L13	L14	T1	U1	M
F...37 F...47	AD1	120	122	18	48	4	32	18	5	M5
			130	19	48	4	32	21.5	6	M8
F...57 F...67	AD2	180	123	19	48	4	32	21.5	6	M8
			159	24	58	5	40	27	8	M8
F...77	AD2	230	116	19	48	4	32	21.5	6	M8
	AD3		151	24	58	5	40	27	8	M8
	AD4		224	38	68	5	70	41	10	M12
F...87	AD2	250	111	19	48	4	32	21.5	6	M8
	AD3		196	28	68	5	50	31	8	M10
	AD4		219	38	68	5	70	41	10	M12
	AD6		282	42	110	10	70	45	12	M16
F...97	AD3	330	191	28	68	5	50	31	8	M10
	AD4		214	38	68	5	70	41	10	M12
	AD6		287	42	110	10	70	45	12	M16
	AD8		327	48	110	10	80	51.5	14	M16
F...107	AD3	380	145	28	68	5	50	31	8	M10
	AD4		238	38	68	5	70	41	10	M12
	AD6		281	42	110	10	70	45	12	M16
	AD8		321	48	110	10	80	51.5	14	M16
F...127	AD4	450	193	38	68	5	70	41	10	M12
	AD6		285	42	110	10	70	45	12	M16
	AD8		306	48	110	10	80	51.5	14	M16
	AD7		330	55	110	10	90	59	16	M20
	AD8		383	70	140	15	110	74.5	20	M20
F...157	AD6	550	258	42	110	10	70	45	12	M16
	AD8		288	48	110	10	80	51.5	14	M16
	AD7		292	55	110	10	90	59	16	M20
	AD8		374	70	140	15	110	74.5	20	M20

FAZ37...-FAZ157...



F...237...



F...247...



F...257...

F...267...



F...277...

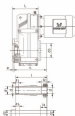


F...287...



F...297...

FAZ37...-FAZ157...



P.A.M.



Fig. 1



Fig. 2

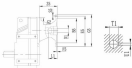


		Fig.	P6	P8	P9	Q2	Q8	Q5	Q6	D1	L1	T1	U1								
F-3T F-4T	AM83	1	96	118	3.5	120	140	M8	T2	11	23	52.8	4								
	AM71		110	136			180			14	36	16.3	5								
	AM80		130	166			280			19	40	21.8	6								
	AM90									24	56	27.3	8								
F-5T F-6T	AM83	1	96	118	3.5	180	140	M8	66	11	23	52.8	4								
	AM71		110	136			180			14	36	16.3	5								
	AM80		130	166			280			19	40	21.8	6								
	AM90									24	56	27.3	8								
	AM190		180	216			250			28	66	31.3	9								
AM112	34	86								37.3	8										
F-7T	AM83	1	96	118	3.5	290	140	M8	60	11	23	52.8	4								
	AM71		110	136			180			14	36	16.3	5								
	AM80		130	166			280			19	40	21.8	6								
	AM90									24	56	27.3	8								
	AM190		180	216			280			M12	28	66	31.3	8							
	AM112										34	86	37.3	8							
	AM132S		230	266			380				179	38	86	41.3	10						
	AM132M										38	86	41.3	10							
	AM132ML										48	110	49.3	12							
F-8T	AM83	1	130	166	4.5	250	280	M10	87	19	40	21.8	6								
	AM90		180	216			280			24	56	27.3	8								
	AM190			5			380			121	28	66	31.3	8							
	AM112		230				266			380		M12	174	38	86	41.3	10				
	AM132S												38	86	41.3	10					
	AM132M												48	110	49.3	12					
	AM132ML												48	110	49.3	12					
F-9T	AM190	1	250	330	6	390	380	M16	232	42	88	99.3	15								
	AM180		280	350			380			48	110	51.8	14								
	AM190			5			250		M12	116	28	66	31.3	8							
	AM112		380				189			38	86	41.3	10								
	AM132S									230	266			380	M16	42	88	99.3	15		
	AM132M															48	110	51.8	14		
	AM132ML															48	110	51.8	14		
	AM190		280	350			380			48	110	51.8	14								
AM230	380	350		380	48	110	51.8	14													
AM235 ¹⁾	2	350	430	7	450	283	68	140	64.4	15											

FLAME



Fig. 1



Fig. 3

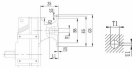
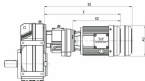


		Fig.	85	85	P5	02	08	35	25	D1	L1	T1	U1	
F. 137	AM130	1	180	215	5	350	258	M12	110	28	68	31.3	8	
	AM112													
	AM132S AM132B		230	285			368		183	38	88	41.3	10	
	AM132ML													
	AM190			6	350	M16	221	42		45.3	12			
	AM180	280	330				48	118	51.8	14				
	AM230	300	350		490		282	55		59.3	16			
AM225	2	350	480	7	490		277	66	140	84.4	18			
F. 127	AM132S AM132B	1	230	285	5	450	368	M12	143	38	88	41.3	10	
	AM132ML													
	AM180		258	308	6		380		206	42		45.3	12	
	AM180										110	51.8	14	
	AM230	308	358		490	M16	247	55		59.3	16			
	AM225	358	408	7	490		252	60		64.4	18			
	AM250	458	508		550		336	75	140	89.4				
F. 157	AM180	1	258	368	6	550	350	M16	196	42		45.3	12	
	AM180								48		110	51.8	14	
	AM230		308	388			490		236	55		59.3	16	
	AM225	358	468	7	490		254		60		64.4	18		
	AM250	2	458	568			550			326	75	140	89.4	
	AM280									326	75		79.9	20



F.R.



7. K系列斜齿轮-伞齿轮减速机 K Helical-Bevel Geared Motor

7.1 设计方案

7.1 Versions of geared motors

斜齿轮-伞齿轮减速机有以下设计方案:

The following types of helical-bevel geared motor can be supplied:



K.D.
底脚安装斜齿轮-伞齿轮减速机
Foot-mounted helical-bevel geared motor



K.A.BD.
底脚空心轴安装斜齿轮-伞齿轮减速机
Foot-mounted helical-bevel geared motor
with hollow shaft.



K.V.BD.
底脚空心轴安装斜齿轮-伞齿轮减速机
Foot-mounted helical-bevel geared motor with
hollow shaft and splined hollow shaft to DIN5480.



K.F.D.
B5法兰安装斜齿轮-伞齿轮减速机
Helical-bevel geared motor in B5 flange-mounted
version.



K.A.F.D.
B5法兰空心轴安装斜齿轮-伞齿轮减速机
Helical-bevel geared motor in B5 flange-mounted
version with hollow shaft.



K.V.F.D.
B5法兰空心轴安装斜齿轮-伞齿轮减速机
Helical-bevel geared motor in B5 flange-mounted
version with hollow shaft and splined hollow shaft
to DIN 5480.

型号规格	功率 (kW)	AC	K	K3	K3H	型号规格	功率 (kW)	AC	K	K3	K3H
F. 57R37	0.18	128	371.5	408	288.5	F. 12TR77	0.18	128	436.5	475	288.5
	0.25-0.37	128	372/384.5	407.5/421	287/318.5		0.25-0.37	128	438/451.5	474.5/488	287/318.5
	0.55-0.75	188	417.5/470	486.5/505	248.5/3247		0.55-0.75	188	419.5/478	503.5/524	248.5/3247
F. 67R37	0.18	128	371.5	408	288.5	F. 12TR97	1.1-1.5	192	538	575.5	398
	0.25-0.37	128	372/384.5	407.5/421	287/318.5		2.2	218	594.5	616.5	322.5
	0.55-0.75	188	417.5/470	486.5/505	248.5/3247		3	218	594.5	616.5	322.5
F. 77R37	1.1-1.5	192	483	508.5	398	F. 12TR97	4	218	670.5	632.5	328.5
	0.18	128	383.5	400	208.5		5.5	257	641	718	409
	0.25-0.37	128	384/397.5	400.5/415	207/218.5		7.5	257	684	750	452
F. 87R37	0.55-0.75	188	463.5/484	445.5/466	248.5/3247	F. 12TR97	9.2	257	684	750	452
	1.1-1.5	192	483	508.5	398		11-15	318	740	848	508
	0.18	128	420.5	488	308.5		1.1-1.5	192	578	635.5	398
F. 87R57	0.25-0.37	128	423/433.5	488.5/470	207/218.5	F. 12TR97	2.2	218	602.5	664.5	322.5
	0.55-0.75	188	452.5/480	507.5/508	245.5/3247		3	218	602.5	664.5	322.5
	1.1-1.5	192	514	559.5	398		4	218	678.5	680.5	328.5
F. 87R57	2.2	218	508.5	600.5	322.5	F. 12TR97	5.5	257	686	757	408
	3	218	508.5	600.5	322.5		7.5	257	732	808	482
	0.18	128	477.5	484	288.5		9.2	257	732	808	482
F. 87R57	0.25-0.37	128	418/430.5	455.5/480	201/218.5	F. 12TR97	11	318	788	888	508
	0.55-0.75	188	475.5/488	502.5/505	245.5/3247		15	318	788	888	508
	1.1-1.5	192	508	554.5	398		18.5	380	844	944	584
F. 107R37	2.2	218	632.5	665.5	322.5	F. 107R37	0.38-0.75	188	571.5/572	618.5/617	246.5/3247
	3	218	632.5	665.5	322.5		1.1-1.5	192	603	668.5	398
	4	218	648.5	671.5	338.5		2.2	218	647.5	708.5	322.5
F. 107R37	0.18	128	455.5	480	288.5		3	218	647.5	708.5	322.5
	0.25-0.37	128	454/460.5	488.5/505	207/218.5		4	218	665.5	725.5	338.5
	0.55-0.75	188	493.5/494	538.5/539	245.5/3247	F. 107R37	5.5	257	734	802	409
F. 107R37	1.1-1.5	192	548	590.5	398		7.5	257	777	840	452
	2.2	218	588.5	631.5	332.5		9.2	257	777	840	452
	3	218	588.5	631.5	332.5	F. 107R37	11	318	833	933	508
	4	218	655.5	647.5	338.5		15	318	833	933	508
	5.5	257	696	734	408		18.5	380	888	888	584
	7.5	257	696	767	452						
	9.2	257	696	767	452						
	11-15	318	768	888	508						

浙江上泰电机尺寸为参考尺寸, 请按照所列电机尺寸有严格要求时请向贵公司咨询。

Notes: The dimensions of motor in the above table is only reference. If you have special requirement, Please consult us.

**KHF.D.**

带法兰空心轴斜齿锥齿轮-伞齿轮减速机
Helical-bevel geared motor in B5 flange-mounted
version with hollow shaft and shrink disk.

**KA.D.**

空心轴斜齿锥齿轮-伞齿轮减速机
Helical-bevel geared motor with hollow shaft.

**KV.D.**

带键空心轴 (2号480) 斜齿锥齿轮-
伞齿轮减速机
Helical-bevel geared motor with splined
hollow shaft to DIN 5480.

**KH.D.**

空心轴斜齿锥齿轮-伞齿轮减速机
Helical-bevel geared motor with hollow shaft
and shrink disk.

**KAZ.D.**

带14号空心轴吊钩型斜齿锥齿轮-伞齿轮减速机
Helical-bevel geared motor in B14 flange-mounted
version with hollow shaft.

7.2 可行的组合方式

7.2 Type of Combination

以下表格列出了伞齿轮减速机与空速 (制) 电机的组合列表。表中给出了每种组合的额定范围。
The below is combination table between gear box and electric motor in each list the rating range.

减速机型号 Gear unit size	级 Stages	050/1 (0.12-0.375kW)	060 (0.38-0.750kW)	080 (1.1-1.500kW)	090 (2.2-3.000kW)	010 (4.00kW)	010S (5.00kW)	010M (7.50kW)
KHFKAAPF7	3	5.35-108.38	5.35-43.89	5.35-24.89 23.89-72.54	5.35-15.49 13.09-25.79 25.39-44.89			
KHFKAAPF7	3	7.36-11.77 0.65-31.39 36.61-131.87	8.81-104.37	8.81-80.86	8.81-31.19 26.81 35.35-43.35 51.39			
KHFKAAPF7	3	9.89-11.82 19.34-39.79 48.89-142.14	7.28-11.82 15.22-123.89	8.81-108.29	6.87-90.28	8.87-90.28 26.49-79.39		
KHFKAAPF7	3	15.83-12.48 75.35-33.82 48.17-144.79	8.22-12.48 15.19-125.54	7.28-108.29	7.28-90.04	7.28-90.02 26.29-75.27	7.28-94.00 26.29-90.00	7.28-94.00 26.29-90.00
KHFKAAPF7	3	20.82-38.38 64.75-162.18	10.84-12.38 20.25-34.38 61.15-154.02	7.24-108.28	7.24-113.98	7.24-87.08	7.24-30.88 40.04-150.07	7.24-30.88 40.04-78.87
KHFKAAPF7	3		16.86 27.86-31.38 70.40-191.87	9.17 18.86 34.45-171.36 49.15-179.19	8.26-11.07 14.45-147.82	8.26-11.07 14.45-136.81	7.24-130.71	7.24-102.71
KHFKAAPF7	3			24.75-38.30 62.55-179.35	18.86-38.30 47.83-178.04	18.86-38.30 47.83-162.21	8.71-120.85	8.71-123.85
KHFKAAPF7	3				13.43 23.82-38.30 33.89	13.43 23.82-38.30 33.89	8.89-25.00 33.89-142.47	8.89-25.00 33.89-142.47
KHFKAAPF7	3							12.19 29.14-36.26 47.82-148.07

减速机型号 Gear unit size	级 Stages	D132H (6.25kW)	D160H (11kW)	D180L (15kW)	D180 (18.5kW)	D225 (30kW)
KHFKAAPF7	3	7.24-12.38 41.64-68.34	7.24-12.38 40.54-50.54		7.24-16.48 17.45-39.82 36.50-50.50	
KHFKAAPF7	3	7.24-76.34	7.24-76.34	7.24-76.34		
KHFKAAPF7	3	8.71-96.86	8.71-96.86	8.71-96.86	8.71-30.82 41.67-71.39	8.71-24.75 41.67-62.55
KHFKAAPF7	3	8.89-112.47	8.89-112.47	8.89-112.47	8.89-80.86	8.89-31.28 37.60-73.38
KHFKAAPF7	3	10.79-12.79 17.77-136.14	10.79-12.79 17.77-136.14	10.79-12.79 17.77-136.14	8.89-110.18	8.89-88.89
KHFKAAPF7	3	16.37-31.30 46.79-150.41	16.37-31.30 46.79-150.41	16.37-31.30 46.79-150.41	14.80-122.28	12.65-100.22
KHFKAAPF7	3	24.82-32.38 81.77-194.90	24.82-32.38 81.77-194.90	24.82-32.38 81.77-194.90	26.32-32.38 42.80-134.38	17.34-106.83
KHFKAAPF7	3	33.23-42.81 80.00-179.86	33.23-42.81 80.00-179.86	33.23-42.81 80.00-179.86	27.00-42.81 73.90-179.86	17.16-179.86

减速机型号 Gear unit size	级 Stages	D225 (37.5kW)	D250H (55kW)	D250 (75.0kW)	D315 (110-132kW)	D150A, A/B (150-200kW)
KHFKAAPF7	3	8.89-21.28 37.60-73.38	8.89-21.28 42.19-76.34	8.89-21.28 42.19-76.34		
KHFKAAPF7	3	8.89-88.89	8.89-31.37 42.19-76.34	8.89-31.37 42.19-76.34		
KHFKAAPF7	3	12.65-100.22	12.65-79.79	12.65-79.79	12.65-23.88 38.00-61.02	12.65-18.37 38.00-46.79
KHFKAAPF7	3	17.34-100.83	17.34-87.86	17.34-87.86	17.34-65.07	17.34-24.82 38.61-61.77
KHFKAAPF7	3	17.18-179.86	17.18-144.59	17.18-144.59	17.18-173.88	17.18-23.23 48.50-88.00



7.3 速比与最大扭矩

7.3 Ratio and Max. Torque

K37-57 $n_2=1400\text{r/min}$

K37					
i	n_1 [r/min]	Motor [N·m]	F_{in} [N]	AD	
106.38	13	200	5640		
50.81	14	194	5640		
63.89	17	200	5640		
72.54	19	200	5520		
67.80	21	200	5300		
58.80	24	200	5020		
44.70	26	200	4850		
48.48	31	200	4420		
37.87	37	200	4100		
38.87	39	200	3870		
28.80	47	200	3650		
28.83	49	200	3580		
24.89	56	200	3230		
23.36	60	180	3200		
20.19	68	180	3110		
17.15	82	180	2800		
16.31	87	170	2780		
13.85	107	160	2630		
12.14	116	160	2600		
10.49	133	160	2410		
9.51	157	160	2200		
7.96	176	160	2110		
6.80	205	160	1980		
6.37	220	140	1810		
5.36	261	140	1610		

K 67-87 $n_2=1400\text{r/min}$

K67					
i	n_1 [r/min]	Motor [N·m]	F_{in} [N]	AD	
144.79	9.7	820	10500		
123.84	11	820	10200		
108.83	13	820	10200		
102.82	14	820	10200		
90.04	16	820	10200		
82.15	18	820	10200		
68.98	20	820	10300		
60.06	23	820	10200		
57.38	24	820	10200		
47.32	29	820	10200		
42.04	32	820	10200		
35.39	36	820	10200		
33.62	38	820	10200		
30.22	40	820	10200		
27.28	51	820	10200		
24.00	56	800	10200		
22.06	62	760	10200		
19.70	73	760	10200		
17.84	80	740	10200		
15.16	92	700	10200		
13.22	100	670	10200		
12.48	112	630	10200		
10.63	132	500	10200		
9.48	148	480	10200		
8.37	167	440	11100		
7.38	192	420	10700		

K67					
i	n_1 [r/min]	Motor [N·m]	F_{in} [N]	AD	
133.87	11	420	5920		
123.48	12	400	5700		
108.28	13	400	5700		
90.28	16	400	5620		
82.15	18	400	5620		
75.20	19	400	5620		
68.98	20	400	5620		
63.58	23	400	5520		
56.93	24	400	5520		
48.95	26	400	5220		
46.03	30	400	5020		
38.61	36	400	5020		
33.38	40	400	5020		
31.38	46	400	4780		
29.52	48	400	4620		
25.01	54	400	4170		
24.06	56	400	4070		
21.81	64	400	4170		
19.58	72	400	4460		
16.88	83	380	4230		
15.66	86	380	4080		
13.48	103	340	3480		
12.19	116	340	3720		
11.77	119	320	3620		
10.58	132	280	2920		
9.13	154	280	2940		
7.38	180	260	3380		
6.56	213	240	3270		
5.91	242	220	3140		

K57					
i	n_1 [r/min]	Motor [N·m]	F_{in} [N]	AD	
145.14	9.6	600	7470		
123.48	11	600	7470		
108.28	13	600	7470		
90.28	16	600	7470		
82.15	18	600	7470		
75.20	19	600	7470		
68.98	20	600	7470		
60.61	23	600	7470		
57.12	24	600	7470		
48.88	26	600	7470		
44.43	32	600	7470		
35.49	36	600	7470		
30.19	40	600	7470		
30.38	46	600	7310		
27.34	51	600	6930		
24.05	56	600	6480		
22.71	62	600	6280		
19.34	72	570	5810		
17.57	80	550	5740		
16.32	82	530	6430		
13.23	108	410	5180		
11.82	117	410	5100		
11.39	124	410	4960		
9.59	148	420	4850		
8.71	161	390	4520		
7.65	186	360	4360		
6.87	213	340	4300		

K 97/127 $n_2=1400\text{r/min}$

K97					
i	n_1 [r/min]	Motor [N·m]	F_{in} [N]	AD	
176.85	8.8	4380	48000		
153.21	9.1	4380	48000		
142.26	10	4380	48000		
123.83	11	4380	48000		
109.13	13	4380	48000		
96.80	14	4380	48000		
88.52	16	4380	48000		
77.89	18	4380	47100		
75.54	20	4380	46800		
62.59	22	4380	43800		
58.55	23	4380	42300		
47.93	29	4380	39000		
43.87	31	4380	38100		
38.50	37	4380	37100		
34.21	41	4380	35700		
28.82	45	4380	34900		
27.81	50	4380	33300		
24.76	57	4380	32000		
22.37	63	4380	29900		
18.96	74	4380	29100		
16.58	83	4380	27800		
13.88	101	4380	26100		
10.98	117	3880	26200		
10.47	124	3570	25400		
8.71	161	3680	26400		

K107					
i	n_1 [r/min]	Motor [N·m]	F_{in} [N]	AD	
143.47	9.8	6080	60800		
121.48	12	6080	61700		
112.41	12	6080	60700		
100.15	14	6080	57000		
80.98	16	6080	54800		
82.61	17	6080	53400		
73.58	19	6080	49100		
66.82	21	6080	47800		
57.17	24	6080	44400		
49.95	26	3940	40200		
42.33	33	3940	40500		
37.05	38	3940	38800		
32.49	43	3940	36400		
31.29	45	6080	36700		
29.08	48	3940	34900		
26.32	53	3940	32000		
22.62	62	3940	29900		
18.78	71	3940	28100		
16.78	84	3940	26800		
14.64	96	6080	21900		
13.43	104	4080	20500		
11.73	119	4380	21800		
9.84	141	4190	20500		
8.89	161	4070	20800		

K127					
i	n_1 [r/min]	Motor [N·m]	F_{in} [N]	AD	
146.87	8.8	13800	76200		
126.16	10	13800	76200		
123.48	11	13800	76200		
116.16	13	13800	76200		
86.90	16	13800	71800		
81.88	17	13800	72100		
75.91	20	13800	67700		
62.80	23	13800	64900		
54.87	26	13800	59800		
47.82	29	13800	56500		
46.19	35	13800	52000		
38.39	39	13800	49400		
31.37	48	13800	46900		
27.68	51	13800	43200		
23.81	58	13800	39800		
21.15	66	13800	37200		
17.77	79	13800	33800		
14.35	96	11400	31400		
12.19	109	9500	29400		
10.74	130	8300	33800		
6.65	161	7200	32500		

K 157-187 $n_2=1400\text{r/min}$

K157					
i	n_1 [r/min]	Motor [N·m]	F_{in} [N]	AD	
186.41	8.3	18000	112200		
122.39	11	18000	106500		
174.18	8.7	27800	121800		
184.34	8.5	27800	121800		
147.32	9.5	27800	121800		
126.81	11	27800	121800		
115.82	12	27800	121800		
102.71	14	27800	121800		
88.34	16	27800	121800		
78.34	18	27800	121800		
70.45	20	27800	121800		
63.80	23	27800	121800		
58.84	26	27800	121800		
51.18	31	27800	121800		
44.82	37	26800	121800		
38.52	46	26800	121800		
31.39	48	27800	121800		
27.85	56	26800	121800		
24.82	58	25300	109000		
22.41	63	23800	107000		

K47/57/67RF37 $n_2=1400$ r/min

K47/RF37 400Nm			
i	n_1 [r/min]	Motor [N/A]	F_{i2} [N]
10138	0.14	480	5820
8534	0.16	480	5820
7362	0.18	480	5820
6828	0.21	480	5820
5853	0.23	480	5820
5188	0.27	480	5820
4801	0.30	480	5820
3949	0.36	480	5820
3477	0.40	480	5820
3043	0.46	480	5820
2753	0.51	480	5820
2364	0.68	480	5820
2063	0.88	480	5820
1819	0.77	480	5820
1588	0.88	480	5820
1386	1.0	480	5820
1222	1.1	480	5820
1097	1.3	480	5820
943	1.5	480	5820
831	1.7	480	5820
718	1.9	480	5820
639	2.2	480	5820
552	2.5	480	5820
485	2.8	480	5820
428	3.3	480	5820
375	3.7	480	5820
327	4.3	480	5820
289	4.8	480	5820
250	5.5	480	5820
225	6.2	480	5820
188	7.1	480	5820
171	8.2	480	5820
153	9.2	480	5820
131	11	480	5820
112	13	480	5820
99	14	480	5820
84	16	480	5820

K57/RF37 600Nm			
i	n_1 [r/min]	Motor [N/A]	F_{i2} [N]
12168	0.12	680	7470
11162	0.13	680	7470
9803	0.16	680	7470
8547	0.18	680	7470
7277	0.19	680	7470
6478	0.22	680	7470
5862	0.25	680	7470
5033	0.26	680	7470
4343	0.32	680	7470
3854	0.36	680	7470
3390	0.41	680	7470
2924	0.48	680	7470
2583	0.54	680	7470
2249	0.62	680	7470
1988	0.70	680	7470
1743	0.80	680	7470
1539	0.91	680	7470
1364	1.0	680	7470
1174	1.2	680	7470
1038	1.4	680	7470
905	1.6	680	7470
806	1.7	680	7470
689	2.0	680	7470
615	2.3	680	7470
544	2.6	680	7470
473	3.0	680	7470
421	3.3	680	7470
382	3.8	680	7470
319	4.4	680	7470
280	5.0	680	7470
246	5.7	680	7470
215	6.5	680	7470
182	7.3	680	7470
166	8.4	680	7470
145	9.7	680	7470
129	11	680	7470
111	13	680	7470
97	14	680	7470

K67/RF37 820Nm			
i	n_1 [r/min]	Motor [N/A]	F_{i2} [N]
12139	0.12	820	10300
11134	0.13	820	10300
9479	0.15	820	10300
8173	0.17	820	10300
7299	0.18	820	10300
6482	0.22	820	10300
5848	0.26	820	10300
4846	0.28	820	10300
4329	0.32	820	10300
3750	0.37	820	10300
3315	0.42	820	10300
2917	0.48	820	10300
2532	0.55	820	10300
2244	0.62	820	10300
1981	0.71	820	10300
1739	0.81	820	10300
1535	0.91	820	10300
1351	1.0	820	10300
1171	1.2	820	10300
1034	1.4	820	10300
903	1.6	820	10300
793	1.8	820	10300
697	2.0	820	10300
613	2.3	820	10300
542	2.6	820	10300
471	3.0	820	10300
420	3.3	820	10300
361	3.8	820	10300
323	4.3	820	10300
279	5.0	820	10300
248	5.7	820	10300
217	6.5	820	10300
191	7.3	820	10300
168	8.4	820	10300
144	9.7	820	10300
122	11	820	10300

K77RF37_K87/97RF57 $n_2=1400$ r/min

K77/RF37 1550Nm			
i	n_1 [r/min]	Motor [N/A]	F_{i2} [N]
15310	0.09	1550	15480
14043	0.10	1550	15480
11995	0.12	1550	15480
10217	0.14	1550	15480
8808	0.16	1550	15480
7828	0.18	1550	15480
6806	0.21	1550	15480
5774	0.24	1550	15480
5089	0.28	1550	15480
4499	0.31	1550	15480
3951	0.35	1550	15480
3495	0.40	1550	15480
2901	0.48	1550	15480
2717	0.52	1550	15480
2370	0.58	1550	15480
2050	0.68	1550	15480
1772	0.79	1550	15480
1514	0.92	1550	15480
1386	1.0	1550	15480
1216	1.1	1550	15480
1053	1.3	1550	15480
924	1.5	1550	15480
815	1.7	1550	15480
708	2.0	1550	15480
622	2.3	1550	15480
552	2.5	1550	15480
485	2.8	1550	15480
428	3.3	1550	15480
367	3.8	1550	15480
328	4.3	1550	15480
290	4.8	1550	15480
252	5.5	1550	15480
217	6.2	1550	15480
191	7.0	1550	15480
175	8.0	1550	15480
154	9.1	1550	15480

K87/RF37 2700Nm			
i	n_1 [r/min]	Motor [N/A]	F_{i2} [N]
14829	0.09	2700	27300
13189	0.11	2700	27300
11737	0.12	2700	27300
10217	0.14	2700	27300
8873	0.16	2700	27300
7864	0.18	2700	27300
6833	0.20	2700	27300
5830	0.24	2700	27300
5240	0.27	2700	27300
4592	0.31	2700	27300
4037	0.35	2700	27300
3609	0.38	2700	27300
3107	0.45	2700	27300
2728	0.51	2700	27300
2371	0.58	2700	27300
2088	0.67	2700	27300
1854	0.78	2700	27300
1657	0.84	2700	27300
1415	0.99	2700	27300
1229	1.1	2700	27300
1078	1.3	2700	27300
961	1.5	2700	27300
837	1.7	2700	27300
728	1.9	2700	27300
638	2.2	2700	27300
562	2.5	2700	27300
474	3.0	2700	27300
428	3.3	2700	27300
373	3.5	2700	27300
338	4.2	2700	27300
294	4.8	2700	27300
258	5.6	2700	27300
238	5.9	2700	27300
201	7.0	2700	27300
183	7.7	2700	27300
158	8.8	2700	27300
141	9.9	2700	27400

K97/RF37 4300Nm			
i	n_1 [r/min]	Motor [N/A]	F_{i2} [N]
10891	0.08	4300	40090
9686	0.08	4300	40090
8487	0.09	4300	40090
73182	0.11	4300	40090
61877	0.12	4300	40090
50317	0.14	4300	40090
43883	0.15	4300	40090
3854	0.17	4300	40090
3378	0.20	4300	40090
3027	0.23	4300	40090
2691	0.26	4300	40090
2368	0.30	4300	40090
2082	0.34	4300	40090
1883	0.38	4300	40090
1708	0.45	4300	40090
1507	0.51	4300	40090
1319	0.58	4300	40090
1123	0.68	4300	40090
1056	0.75	4300	40090
925	0.88	4300	40090
808	0.98	4300	40090
708	1.1	4300	40090
612	1.3	4300	40090
567	1.5	4300	40090
485	1.8	4300	40090
443	1.9	4300	40090
382	2.1	4300	40090
337	2.4	4300	40090
284	2.8	4300	40090
247	3.2	4300	40090
212	3.7	4300	40090
188	4.0	4300	40090
168	4.6	4300	40090
144	5.0	4300	40090
122	6.0	4300	40090



K107/127/RF77/K127/RF87 $n_2=1400$ r/min

K107/RF77 6080Nm				K127/RF77 12060Nm				K127/RF87 13693Nm			
i	n_2 [r/min]	Moment [N·m]	F_{t2} [N]	i	n_2 [r/min]	Moment [N·m]	F_{t2} [N]	i	n_2 [r/min]	Moment [N·m]	F_{t2} [N]
143.11	0.16	6080	85080	17550	0.88	12060	79208	536	3.6	13693	76930
122.11	0.11	6080	85080	18086	0.89	12060	79208	473	3.0	13693	76930
108.77	0.13	6080	85080	14975	0.89	12060	79208	416	3.3	13693	76930
852.4	0.16	6080	85080	12440	0.11	13693	79208	387	3.8	13693	76930
832.8	0.17	6080	85080	19915	0.13	13693	79208	330	4.2	13693	76930
727.8	0.18	6080	85080	9819	0.14	13693	79208	287	4.8	13693	76930
618.4	0.23	6080	85080	8463	0.17	13693	79208	263	5.8	13693	76930
586.2	0.28	6080	85080	7482	0.19	13693	79208	213	6.8	13693	76930
513.8	0.29	6080	85080	6885	0.21	13693	79208	200	7.6	13693	76930
435.8	0.32	6080	85080	5894	0.24	13693	79208	186	8.4	13693	76930
381.8	0.37	6080	85080	5627	0.28	13693	79208	147	9.5	13693	76930
335.8	0.42	6080	85080	4423	0.32	13693	79208				
297.7	0.47	6080	85080	3880	0.36	13693	79208				
259.8	0.54	6080	85080	3311	0.42	13693	79208				
228.8	0.61	6080	85080	3099	0.47	13693	79208				
193.8	0.72	6080	85080	2807	0.56	13693	79208				
171.3	0.82	6080	85080	2388	0.62	13693	79208				
155.4	0.96	6080	85080	1826	0.73	13693	79208				
133.8	1.0	6080	85080	1757	0.80	13693	79208				
116.6	1.2	6080	85080	1541	0.91	13693	79208				
103.8	1.4	6080	85080	1342	1.0	13693	79208				
98.4	1.5	6080	85080	1177	1.2	13693	79208				
783	1.8	6080	85080	1625	1.4	13693	79208				
686	2.0	6080	85080	898	1.6	13693	79208				
618	2.3	6080	85080	796	1.8	13693	79208				
522	2.7	6080	85080	704	2.0	13693	79208				
481	3.0	6080	85080	618	2.3	13693	79208				
488	3.4	6080	85080	548	2.6	13693	79208				
364	3.8	6080	85080	477	2.9	13693	79208				
318	4.4	6080	85080	418	3.3	13693	79208				
286	4.9	6080	85080								
261	5.6	6080	85080								
222	6.3	6080	85080								
186	7.1	6080	85080								
174	8.0	7290	85080								
154	9.1	7290	85080								
140	10	7290	85080								

K157/RF97,K157/RF107,K167/187/RF97 $n_2=1400$ r/min

K157/RF97 18000Nm				K157/RF107 18000Nm				K167/RF97 32000Nm			
i	n_2 [r/min]	Moment [N·m]	F_{t2} [N]	i	n_2 [r/min]	Moment [N·m]	F_{t2} [N]	i	n_2 [r/min]	Moment [N·m]	F_{t2} [N]
1787.8	0.08	18000	112208	385	3.6	18000	112208	19273	0.07	32000	18080
1572.9	0.09	18000	112208	325	4.3	18000	112208	17496	0.08	32000	18080
14721	0.10	18000	112208	289	5.1	18000	112208	16830	0.09	32000	18080
13807	0.11	18000	112208	253	6.0	18000	112208	15236	0.11	32000	18080
11368	0.12	18000	112208	217	6.9	18000	112208	11573	0.12	32000	18080
10714	0.14	18000	112208	183	8.0	18000	112208	10384	0.14	32000	18080
8718	0.16	18000	112208	167	9.1	18000	112208	8628	0.16	32000	18080
7734	0.18	18000	112208	157	10.3	18000	112208	6562	0.21	32000	18080
6881	0.20	18000	112208	128	11.7	18000	112208	3359	0.26	32000	18080
8031	0.24	18000	112208	107	13.0	18000	112208	4768	0.29	32000	18080
6374	0.28	18000	112208					4379	0.34	32000	18080
5514	0.31	18000	112208					3318	0.41	32000	18080
3879	0.38	18000	112208					2768	0.51	32000	18080
3516	0.43	18000	112208					2263	0.62	32000	18080
3261	0.48	18000	112208					1762	0.84	32000	18080
2610	0.64	18000	112208					1704	0.82	32000	18080
2327	0.63	18000	112208					1408	0.99	32000	18080
3029	0.69	18000	112208					1258	1.1	32000	18080
1885	0.84	18000	112208					1167	1.3	32000	18080
1668	0.84	18000	112208					944	1.6	32000	18080
1565	1.0	18000	112208					797	1.7	32000	18080
1229	1.1	18000	112208					632	2.0	32000	18080
1083	1.3	18000	112208					581	2.5	32000	18080
942	1.5	18000	112208					481	2.9	32000	18080
854	1.6	18000	112208					423	3.3	32000	18080
786	1.9	18000	112208					389	3.6	32000	18080
681	2.1	18000	112208								
587	2.5	18000	112208								
584	2.8	18000	112208								
434	3.2	18000	112208								
379	3.7	18000	112208								
332	4.2	18000	112208								
291	4.8	18000	112208								

K187/RF97,K167/187/RF107, $n_2=1400$ r/min

K167/RF107 32000Nm				K187/RF97 50000Nm				K187/RF107 50000Nm			
i	n_2 [r/min]	Moment [N·m]	F_{t2} [N]	i	n_2 [r/min]	Moment [N·m]	F_{t2} [N]	i	n_2 [r/min]	Moment [N·m]	F_{t2} [N]
318	4.4	32000	180800	32428	0.04	50000	180800	838	1.7	50000	180800
274	5.0	32000	180800	27185	0.06	50000	180800	778	1.9	50000	180800
244	5.7	32000	180800	24423	0.08	50000	180800	622	2.2	50000	180800
212	6.8	32000	180800	18148	0.07	50000	180800	528	2.7	50000	180800
208	6.8	32000	180800	16078	0.09	50000	180800	464	3.1	50000	180800
186	7.8	32000	180800	14072	0.10	50000	180800	325	3.9	50000	180800
166	8.8	32000	180800	12178	0.11	50000	180800	281	4.4	50000	180800
158	10	32000	180800	10813	0.12	50000	180800	227	5.0	50000	180800
118	12	32000	180800	18413	0.13	50000	180800	193	7.3	50000	180800
				9382	0.15	50000	180800	163	8.0	50000	180800
				8136	0.17	50000	180800				
				7345	0.19	50000	180800				
				6747	0.21	50000	180800				
				5388	0.26	50000	180800				
				4871	0.29	50000	180800				
				3609	0.38	50000	180800				
				3042	0.44	50000	180800				
				2878	0.50	50000	180800				
				2679	0.68	50000	180800				
				2285	0.62	50000	180800				
				2054	0.68	50000	180800				
				1821	0.77	50000	180800				
				1605	0.87	50000	180800				
				1395	1.0	50000	180800				
				1196	1.2	50000	180800				
				1046	1.3	50000	180800				
				845	1.5	50000	180800				
				738	1.8	50000	180800				
				671	2.0	50000	180800				
				527	2.7	50000	180800				

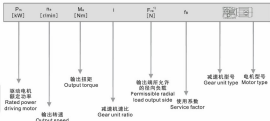


7.4 选型表注释

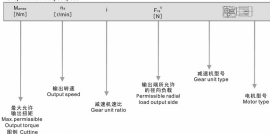
7.4 Selection table

选型表的结构

Selection table for gear motors



对于特殊低输出转速
For special low output speed



本也可用于Exxx电机。参见ExE motor also applicable.

1) 离心轴端固定减速机轴均内角

1) Radial load specified for foot-mounted gear unit with solid shaft

注意: Notice:

对于特殊低输出转速驱动(多级减速机), 电机功率必须与减速机的最大允许输出转矩相对应。
In drives for particularly low output speeds (multi-stage gear motor), the motor power must be limited according to maximum permitted output torque of the gear unit.

输出 功率 Output Power P_o [kW]	输出 转矩 Output torque M_2 [Nm]	中心 转速 Ratio i	允许 输出 转矩 Permitted output torque F_{-1} [N]	电机 型号 Motor type	机座号 Model
0.12kW					
0.28	1760	1760	7680	1.70	
0.38	1278	1806	8040	1.20	
0.55	868	1481	8170	1.30	K 12W177W180 120W-4
0.75	618	1244	8150	1.80	K 12W177W180 120W-4
1.1	423	1015	8180	1.80	K 12W177W180 120W-4
1.5	312	981	8200	2.1	K 12W177W180 120W-4
2.2	223	945	8230	2.5	
3.0	162	922	8250	2.7	
4.0	120	900	8280	0.85	
5.5	89	878	8300	1.00	
7.5	68	856	8320	1.15	
10	50	834	8340	1.20	K 12W177W180 120W-4
15	35	812	8360	1.30	K 12W177W180 120W-4
22	25	790	8380	1.40	K 12W177W180 120W-4
30	18	768	8400	1.50	K 12W177W180 120W-4
40	14	746	8420	1.60	K 12W177W180 120W-4
55	10	724	8440	1.70	K 12W177W180 120W-4
75	7	702	8460	1.80	K 12W177W180 120W-4
100	5	680	8480	1.90	K 12W177W180 120W-4
132	4	658	8500	2.0	K 12W177W180 120W-4
160	3	636	8520	2.1	K 12W177W180 120W-4
200	2	614	8540	2.2	K 12W177W180 120W-4
250	1.5	592	8560	2.3	K 12W177W180 120W-4
315	1.1	570	8580	2.4	K 12W177W180 120W-4
400	0.8	548	8600	2.5	K 12W177W180 120W-4
500	0.6	526	8620	2.6	K 12W177W180 120W-4
630	0.45	504	8640	2.7	K 12W177W180 120W-4
800	0.35	482	8660	2.8	K 12W177W180 120W-4
1000	0.28	460	8680	2.9	K 12W177W180 120W-4
1250	0.22	438	8700	3.0	K 12W177W180 120W-4
1600	0.16	416	8720	3.1	K 12W177W180 120W-4
2000	0.12	394	8740	3.2	K 12W177W180 120W-4
2500	0.09	372	8760	3.3	K 12W177W180 120W-4
3150	0.07	350	8780	3.4	K 12W177W180 120W-4
4000	0.055	328	8800	3.5	K 12W177W180 120W-4
5000	0.045	306	8820	3.6	K 12W177W180 120W-4
6300	0.035	284	8840	3.7	K 12W177W180 120W-4
8000	0.028	262	8860	3.8	K 12W177W180 120W-4
10000	0.022	240	8880	3.9	K 12W177W180 120W-4
12500	0.018	218	8900	4.0	K 12W177W180 120W-4
16000	0.014	196	8920	4.1	K 12W177W180 120W-4
20000	0.011	174	8940	4.2	K 12W177W180 120W-4
25000	0.009	152	8960	4.3	K 12W177W180 120W-4
31500	0.007	130	8980	4.4	K 12W177W180 120W-4
40000	0.0055	108	9000	4.5	K 12W177W180 120W-4
50000	0.0045	86	9020	4.6	K 12W177W180 120W-4
63000	0.0035	64	9040	4.7	K 12W177W180 120W-4
80000	0.0028	42	9060	4.8	K 12W177W180 120W-4
100000	0.0022	20	9080	4.9	K 12W177W180 120W-4
125000	0.0018	18	9100	5.0	K 12W177W180 120W-4
160000	0.0014	16	9120	5.1	K 12W177W180 120W-4
200000	0.0011	14	9140	5.2	K 12W177W180 120W-4
250000	0.0009	12	9160	5.3	K 12W177W180 120W-4
315000	0.0007	10	9180	5.4	K 12W177W180 120W-4
400000	0.00055	8	9200	5.5	K 12W177W180 120W-4
500000	0.00045	6	9220	5.6	K 12W177W180 120W-4
630000	0.00035	4	9240	5.7	K 12W177W180 120W-4
800000	0.00028	2	9260	5.8	K 12W177W180 120W-4
1000000	0.00022	1	9280	5.9	K 12W177W180 120W-4
1250000	0.00018	0.8	9300	6.0	K 12W177W180 120W-4
1600000	0.00014	0.6	9320	6.1	K 12W177W180 120W-4
2000000	0.00011	0.5	9340	6.2	K 12W177W180 120W-4
2500000	0.00009	0.4	9360	6.3	K 12W177W180 120W-4
3150000	0.00007	0.3	9380	6.4	K 12W177W180 120W-4
4000000	0.000055	0.2	9400	6.5	K 12W177W180 120W-4
5000000	0.000045	0.15	9420	6.6	K 12W177W180 120W-4
6300000	0.000035	0.1	9440	6.7	K 12W177W180 120W-4
8000000	0.000028	0.08	9460	6.8	K 12W177W180 120W-4
10000000	0.000022	0.06	9480	6.9	K 12W177W180 120W-4
12500000	0.000018	0.05	9500	7.0	K 12W177W180 120W-4
16000000	0.000014	0.04	9520	7.1	K 12W177W180 120W-4
20000000	0.000011	0.03	9540	7.2	K 12W177W180 120W-4
25000000	0.000009	0.025	9560	7.3	K 12W177W180 120W-4
31500000	0.000007	0.02	9580	7.4	K 12W177W180 120W-4
40000000	0.0000055	0.015	9600	7.5	K 12W177W180 120W-4
50000000	0.0000045	0.01	9620	7.6	K 12W177W180 120W-4
63000000	0.0000035	0.008	9640	7.7	K 12W177W180 120W-4
80000000	0.0000028	0.006	9660	7.8	K 12W177W180 120W-4
100000000	0.0000022	0.005	9680	7.9	K 12W177W180 120W-4
125000000	0.0000018	0.004	9700	8.0	K 12W177W180 120W-4
160000000	0.0000014	0.003	9720	8.1	K 12W177W180 120W-4
200000000	0.0000011	0.0025	9740	8.2	K 12W177W180 120W-4
250000000	0.0000009	0.002	9760	8.3	K 12W177W180 120W-4
315000000	0.0000007	0.0015	9780	8.4	K 12W177W180 120W-4
400000000	0.00000055	0.001	9800	8.5	K 12W177W180 120W-4
500000000	0.00000045	0.0008	9820	8.6	K 12W177W180 120W-4
630000000	0.00000035	0.0006	9840	8.7	K 12W177W180 120W-4
800000000	0.00000028	0.0004	9860	8.8	K 12W177W180 120W-4
1000000000	0.00000022	0.0003	9880	8.9	K 12W177W180 120W-4
1250000000	0.00000018	0.00025	9900	9.0	K 12W177W180 120W-4
1600000000	0.00000014	0.0002	9920	9.1	K 12W177W180 120W-4
2000000000	0.00000011	0.00015	9940	9.2	K 12W177W180 120W-4
2500000000	0.00000009	0.0001	9960	9.3	K 12W177W180 120W-4
3150000000	0.00000007	0.00008	9980	9.4	K 12W177W180 120W-4
4000000000	0.000000055	0.00006	10000	9.5	K 12W177W180 120W-4
5000000000	0.000000045	0.00004	10020	9.6	K 12W177W180 120W-4
6300000000	0.000000035	0.00003	10040	9.7	K 12W177W180 120W-4
8000000000	0.000000028	0.00002	10060	9.8	K 12W177W180 120W-4
10000000000	0.000000022	0.000015	10080	9.9	K 12W177W180 120W-4
12500000000	0.000000018	0.00001	10100	10.0	K 12W177W180 120W-4



输出 转速 Output speed n ₂ [r/min]	输入 转速 Output speed n ₁ [r/min]	传动 比 Ratio i	允许 使用 功率 Permitted service factor K _s	机座号 Model	输出 转速 Output speed n ₂ [r/min]	输入 转速 Output speed n ₁ [r/min]	传动 比 Ratio i	允许 使用 功率 Permitted service factor K _s	机座号 Model
0.12kW									
12	88	108.28	8.928	2.3	0.63	2780	2086	2780/2086	1.28
15	81	97.81	8.928	2.3	0.71	2030	1507	2030/1507	1.56
18	76	87.81	8.979	2.3	0.80	1820	1057	1820/1057	1.78
19	80	72.84	8.980	2.3	0.83	1540	734	1540/734	2.0
20	66	57.59	8.919	3.5	1.1	1430	1239	1430/1239	2.3
25	49	58.03	8.478	3.5	1.2	1160	1070	1160/1070	2.3
28	41	48.79	8.138	4.8	1.4	1050	851	1050/851	2.8
31	37	44.46	8.928	5.4	1.6	870	537	870/537	3.6
36	32	37.67	8.980	6.3	1.8	755	476	755/476	3.8
39	30	35.57	8.958	6.3	0.87	1670	1814	1670/1814	0.98
48	26	28.96	8.278	8.8	0.95	1360	1386	1360/1386	1.06
54	24	28.57	8.218	8.8	1.1	1070	1218	1070/1218	1.16
58	21	24.99	6.988	9.8	1.2	1170	1083	1170/1083	1.28
60	18	21.36	4.958	10	1.4	1030	824	1030/824	1.42
80	14	17.18	4.438	13	1.6	815	507	815/507	1.70
90	13	15.31	4.288	14	1.9	750	400	750/400	2.1
108	11	13.08	4.078	18	2.1	680	323	680/323	2.3
114	10	12.14	3.978	18	2.4	598	248	598/248	2.8
0.16kW									
12	88	108.28	8.928	2.3	1.6	880	803	880/803	0.88
15	81	97.81	8.928	2.3	1.7	840	733	840/733	0.98
18	76	87.81	8.979	2.3	1.9	745	697	745/697	1.16
19	80	72.84	8.980	2.3	2.2	655	613	655/613	1.28
20	66	57.59	8.919	3.5	2.4	580	544	580/544	1.42
25	49	58.03	8.478	3.5	2.6	520	471	520/471	1.60
28	41	48.79	8.138	4.8	3.2	445	426	445/426	1.65
31	37	44.46	8.928	5.4	3.6	385	367	385/367	1.80
36	32	37.67	8.980	6.3	4.1	380	323	380/323	2.3
39	30	35.57	8.958	6.3	4.7	285	279	285/279	2.8
48	26	28.96	8.278	8.8	2.2	660	615	660/615	0.85
54	24	28.57	8.218	8.8	2.4	580	544	580/544	0.90
58	21	24.99	6.988	9.8	2.6	515	471	515/471	0.95
60	18	21.36	4.958	10	3.8	471	400	471/400	1.16
80	14	17.18	4.438	13	3.8	450	375	450/375	1.28
90	13	15.31	4.288	14	4.1	380	323	380/323	1.42
108	11	13.08	4.078	18	4.5	345	300	345/300	1.60
114	10	12.14	3.978	18	5.0	300	267	300/267	1.80
0.25kW									
12	88	108.28	8.928	2.3	3.8	400	367	400/367	2.8
15	81	97.81	8.928	2.3	4.0	360	333	360/333	3.0
18	76	87.81	8.979	2.3	4.5	320	300	320/300	3.2
19	80	72.84	8.980	2.3	4.8	280	267	280/267	3.4
20	66	57.59	8.919	3.5	5.0	240	225	240/225	3.6
25	49	58.03	8.478	3.5	5.6	200	188	200/188	4.0
28	41	48.79	8.138	4.8	6.3	180	167	180/167	4.5
31	37	44.46	8.928	5.4	7.0	160	145	160/145	4.8
36	32	37.67	8.980	6.3	7.8	140	125	140/125	5.4
39	30	35.57	8.958	6.3	8.0	130	118	130/118	5.6
48	26	28.96	8.278	8.8	9.0	110	100	110/100	6.3
54	24	28.57	8.218	8.8	10.0	100	90	100/90	6.3
58	21	24.99	6.988	9.8	11.0	90	80	90/80	6.3
60	18	21.36	4.958	10	12.0	80	70	80/70	6.3
80	14	17.18	4.438	13	13.0	70	60	70/60	6.3
90	13	15.31	4.288	14	14.0	60	50	60/50	6.3
108	11	13.08	4.078	18	15.0	50	40	50/40	6.3
114	10	12.14	3.978	18	16.0	40	30	40/30	6.3
0.37kW									
12	88	108.28	8.928	2.3	5.0	360	333	360/333	3.0
15	81	97.81	8.928	2.3	5.6	320	300	320/300	3.2
18	76	87.81	8.979	2.3	6.3	280	267	280/267	3.4
19	80	72.84	8.980	2.3	6.8	240	225	240/225	3.6
20	66	57.59	8.919	3.5	7.0	200	188	200/188	4.0
25	49	58.03	8.478	3.5	7.8	180	167	180/167	4.5
28	41	48.79	8.138	4.8	8.0	160	145	160/145	4.8
31	37	44.46	8.928	5.4	8.5	140	125	140/125	5.4
36	32	37.67	8.980	6.3	9.0	130	118	130/118	5.6
39	30	35.57	8.958	6.3	9.5	120	110	120/110	6.3
48	26	28.96	8.278	8.8	10.0	110	100	110/100	6.3
54	24	28.57	8.218	8.8	10.5	100	90	100/90	6.3
58	21	24.99	6.988	9.8	11.0	90	80	90/80	6.3
60	18	21.36	4.958	10	11.5	80	70	80/70	6.3
80	14	17.18	4.438	13	12.0	70	60	70/60	6.3
90	13	15.31	4.288	14	12.5	60	50	60/50	6.3
108	11	13.08	4.078	18	13.0	50	40	50/40	6.3
114	10	12.14	3.978	18	13.5	40	30	40/30	6.3
0.55kW									
12	88	108.28	8.928	2.3	6.3	320	300	320/300	3.2
15	81	97.81	8.928	2.3	7.0	280	267	280/267	3.4
18	76	87.81	8.979	2.3	7.8	240	225	240/225	3.6
19	80	72.84	8.980	2.3	8.5	200	188	200/188	4.0
20	66	57.59	8.919	3.5	9.0	180	167	180/167	4.5
25	49	58.03	8.478	3.5	9.5	160	145	160/145	4.8
28	41	48.79	8.138	4.8	10.0	140	125	140/125	5.4
31	37	44.46	8.928	5.4	10.5	130	118	130/118	5.6
36	32	37.67	8.980	6.3	11.0	120	110	120/110	6.3
39	30	35.57	8.958	6.3	11.5	110	100	110/100	6.3
48	26	28.96	8.278	8.8	12.0	100	90	100/90	6.3
54	24	28.57	8.218	8.8	12.5	90	80	90/80	6.3
58	21	24.99	6.988	9.8	13.0	80	70	80/70	6.3
60	18	21.36	4.958	10	13.5	70	60	70/60	6.3
80	14	17.18	4.438	13	14.0	60	50	60/50	6.3
90	13	15.31	4.288	14	14.5	50	40	50/40	6.3
108	11	13.08	4.078	18	15.0	40	30	40/30	6.3
114	10	12.14	3.978	18	15.5	30	20	30/20	6.3
0.75kW									
12	88	108.28	8.928	2.3	8.0	280	267	280/267	3.4
15	81	97.81	8.928	2.3	8.8	240	225	240/225	3.6
18	76	87.81	8.979	2.3	9.5	200	188	200/188	4.0
19	80	72.84	8.980	2.3	10.0	180	167	180/167	4.5
20	66	57.59	8.919	3.5	10.5	160	145	160/145	4.8
25	49	58.03	8.478	3.5	11.0	140	125	140/125	5.4
28	41	48.79	8.138	4.8	11.5	130	118	130/118	5.6
31	37	44.46	8.928	5.4	12.0	120	110	120/110	6.3
36	32	37.67	8.980	6.3	12.5	110	100	110/100	6.3
39	30	35.57	8.958	6.3	13.0	100	90	100/90	6.3
48	26	28.96	8.278	8.8	13.5	90	80	90/80	6.3
54	24	28.57	8.218	8.8	14.0	80	70	80/70	6.3
58	21	24.99	6.988	9.8	14.5	70	60	70/60	6.3
60	18	21.36	4.958	10	15.0	60	50	60/50	6.3
80	14	17.18	4.438	13	1				



输出转速 Output speed n ₂ [r/min]	输出扭矩 Output torque M ₂ [N·m]	传动比 Ratio i	额定功率 Permitted output power P _N [kW]	机座号 Model
3.1	655	421	5750	6.90
3.8	578	382	7800	8.15
4.7	465	319	8380	1.20
4.7	465	280	8120	1.25
5.8	384	244	8880	1.38
6.1	335	215	9150	1.80
6.8	300	182	9380	2.0
7.1	260	168	9430	2.2
8.8	225	145	9550	2.2
10	206	129	9620	2.8
11.3	173	113	9720	3.0
13	152	97	9780	4.0
4.4	540	154.02	10850	2.6 K
4.5	475	136.28	10780	3.0 K
5.3	402	128.82	10850	3.4 K
5.8	400	113.55	10950	5.0 K
4.8	520	182.18	10780	2.8 K
4.8	465	179.37	10780	3.0 K
5.7	425	154.24	10850	3.4 K
6.5	365	138.28	10950	4.0 K
5.5	435	123.54	10780	1.90 K
6.3	380	108.03	10850	2.2 K
6.8	360	103.62	10950	2.3 K
7.8	315	90.34	10380	2.8 K
6.1	388	164.79	12680	2.1 K
7.1	335	123.54	13080	2.5 K
8.1	308	108.03	13080	2.8 K
8.5	280	103.62	13080	3.0 K
9.8	265	144.79	13080	3.1 K
11	238	123.54	13080	3.4 K
12	168	108.03	13080	4.1 K
13	159	102.62	13080	4.3 K
6.1	388	148.18	8910	1.80
7.1	335	123.55	9150	1.80 K
8.1	295	108.03	9380	2.0 K
8.8	260	103.62	9380	2.2 K
9.8	245	96.20	9480	2.2 K
11	210	88.80	9610	2.8
8.8	265	148.18	8410	2.2
11	225	123.55	8540	2.6 K
13	159	108.03	8540	3.0 K
13	159	102.62	8740	3.2 K
14	165	96.20	8740	3.4 K
17	140	81.86	8910	4.3
6.7	360	131.87	8470	1.0
7.3	325	121.48	8780	1.20 K
8.4	284	104.77	9020	1.40 K
9.7	245	96.80	9180	1.60 K
10	232	88.72	9380	1.78 K
8.8	240	131.87	7510	1.85 K
11	225	121.48	7640	1.80 K
12	192	104.77	7920	2.1 K
14	167	96.80	7920	2.4 K
16	156	88.72	7980	2.8
11	225	83.89	5900	0.90 K
12	197	72.34	5880	1.00 K
13	164	67.82	6020	1.10 K
15	157	60.80	6090	1.25 K
18	135	48.79	6230	1.50 K

输出转速 Output speed n ₂ [r/min]	输出扭矩 Output torque M ₂ [N·m]	传动比 Ratio i	额定功率 Permitted output power P _N [kW]	机座号 Model
12	195	105.36	5900	1.00
13	178	91.8	5880	1.10
16	154	82.68	6090	1.20
18	133	72.34	6230	1.50
22	118	67.82	6480	1.60
22	108	55.00	6510	1.65
25	92	49.18	6510	2.0
28	82	44.48	6580	2.2
32	73	37.87	6748	2.8
35	65	35.52	6748	3.0
43	56	30.58	6748	3.6 K
45	53	28.03	6748	3.8 K
48	52	26.98	6800	4.0 K
58	43	23.38	6778	4.8 K
62	37	20.18	6848	5.0
76	32	17.15	6778	6.0
78	29	15.37	6748	6.2
92	24	13.08	6748	6.8
107	22	12.14	6848	7.2
124	18	10.48	6748	8.3
148	15	8.67	6748	9.8
163	15	8.05	6748	10.0
191	13	6.80	6718	12.0
204	12	6.37	6748	12.0
0.25kW				
0.18	958.08	748.2	72680	8.80
0.21	1450.8	856.5	78980	8.80
0.24	1280.8	886.6	78480	1.08 K
0.27	1100.8	902.7	83280	1.20 K
0.31	981.4	943.7	85280	1.25 K
0.38	843.2	988.8	87380	1.38 K
0.42	713.9	931.1	81780	1.85
0.72	420.2	1935	82580	3.1 K
0.79	388.0	1737	82880	3.4 K
0.98	336.0	1541	82680	3.8 K
0.38	838.2	381.0	88080	8.88
0.41	730.9	335.5	88080	1.10 K
0.48	651.2	312.0	85080	1.20 K
0.53	588.0	289.8	88080	1.40 K
0.63	487.8	239.5	85080	1.60 K
0.71	421.9	193.9	85080	1.80
0.61	375.0	171.3	88080	2.1 K
0.64	344.8	155.4	85080	2.3 K
1.2	288.0	138.8	88080	2.7 K
1.2	284.8	118.6	88080	3.1 K
0.68	479.1	212.3	88080	8.80
0.74	420.8	189.8	88080	1.80
0.81	381.9	162.3	88080	2.0 K
0.98	378.8	143.0	88080	1.35 K
1.1	338.8	128.1	88080	1.80
1.2	309.8	112.2	88080	1.70 K
1.6	278.8	99.7	88080	2.2 K
1.8	242.8	88.0	88080	2.4 K
1.9	232.8	83.4	88080	2.7 K
2.1	213.8	82.2	88080	3.0 K
2.4	192.8	87.5	88080	3.4 K
0.07	320.0	143.5	78800	8.85
0.08	288.0	128.3	77280	8.85
1.3	242.8	107.8	78800	1.10
1.5	211.0	89.1	78800	1.30 K
1.8	185.8	78.8	78800	1.50 K
1.9	180.8	72.6	78800	1.70 K
2.1	164.8	68.1	78800	1.80 K
2.4	148.8	60.4	78800	2.0 K
2.7	131.8	57.3	78800	3.3 K
0.37kW				
4.9	625	280	7438	8.85
5.3	550	238.82	75380	1.10
6.4	480	212	75380	1.20 K
7.2	430	182	75180	1.40 K
8.3	370	156	80080	1.60 K
8.8	325	146	80080	1.80 K
11	280	128	82380	2.1 K
12	260	121	84480	2.4 K
14	215	97	86880	2.8
3.9	570	174.19	28800	3.8 K
4.1	550	164.32	28800	3.3 K
4.6	585	147.32	28800	3.3 K
4.6	775	107.37	28800	3.5 K
5.2	685	114.19	28800	4.8 K
6.0	788	138.28	28800	3.2 K
6.0	840	113.56	28800	2.8 K
7.0	585	87.06	28740	3.1 K
5.8	685	104.82	28800	2.8 K
6.7	635	96.80	28800	3.0 K
7.0	585	128.52	28740	3.1 K
7.9	445	113.56	28800	3.3 K
7.2	480	102.18	28740	3.0 K
7.4	480	178.37	28800	3.3 K
8.0	585	104.82	28800	3.8 K
6.3	580	108.83	12190	1.45 K
6.9	535	102.82	12190	1.55 K
7.6	470	90.04	12690	1.75 K
8.8	428	123.84	12890	1.78 K
8.3	428	108.83	12790	1.80 K
8.8	481	102.82	12890	2.0 K
9.8	385	90.04	13090	2.3 K
9.8	370	144.79	12890	2.3 K
11	325	123.84	13090	2.6 K
13	275	108.83	13090	3.0 K
14	260	102.82	13090	3.4 K
18	180	78.37	13090	4.3 K

输出转速 Output speed n ₂ [r/min]	输出扭矩 Output torque M ₂ [N·m]	传动比 Ratio i	额定功率 Permitted output power P _N [kW]	机座号 Model
1.7	1880	878	10820	5.80
2.0	1680	739	10320	5.80
2.2	1480	623	10420	5.80
2.5	1280	517	10420	5.80
2.8	1080	480	10420	1.40
3.2	950	428	10920	1.80 K
3.6	840	385	10920	2.0 K
4.2	738	328	10920	2.4 K
4.8	638	280	10420	2.4 K
5.4	490	262	10820	2.8
6.2	485	221	10740	3.1
6.8	415	190	10820	3.4
7.8	350	170	10920	3.8
9.0	340	154	10920	4.3
3.3	940	420	9808	8.80
3.8	820	381	10308	1.20
4.3	725	323	11702	1.50
4.8	625	279	11808	1.30 K
5.8	480	248	12202	1.60 K
6.8	421	217	12602	1.80 K
7.2	430	191	12702	1.90 K
7.8	370	164	12702	2.3 K
9.0	320	144	12702	2.8
11	275	122	12602	3.8
4.9	625	280	7438	8.85
5.3	550	238.82	75380	1.10
6.4	480	212	75380	1.20 K
7.2	430	182	75180	1.40 K
8.3	370	156	80080	1.60 K
8.8	325	146	80080	1.80 K
11	280	128	82380	2.1 K
12	260	121	84480	2.4 K
14	215	97	86880	2.8
3.9	570	174.19	28800	3.8 K
4.1	550	164.32	28800	3.3 K
4.6	585	147.32	28800	3.3 K
4.6	775	107.37	28800	3.5 K
5.2	685	114.19	28800	4.8 K
6.0	788	138.28	28800	3.2 K
6.0	840	113.56	28800	2.8 K
7.0	585	87.06	28740	3.1 K
5.8	685	104.82	28800	2.8 K
6.7	635	96.80	28800	3.0 K
7.0	585	128.52	28740	3.1 K
7.9	445	113.56	28800	3.3 K
7.2	480	102.18	28740	3.0 K
7.4	480	178.37	28800	3.3 K
8.0	585	104.82	28800	3.8 K
6.3	580	108.83	12190	1.45 K
6.9	535	102.82	12190	1.55 K
7.6	470	90.04	12690	1.75 K
8.8	428	123.84	12890	1.78 K
8.3	428	108.83	12790	1.80 K
8.8	481	102.82	12890	2.0 K
9.8	385	90.04	13090	2.3 K
9.8	370	144.79	12890	2.3 K
11	325	123.84	13090	2.6 K
13	275	108.83	13090	3.0 K
14	260	102.82	13090	3.4 K
18	180	78.37	13090	4.3 K

输出转速 Output speed n ₂ [r/min]	输出扭矩 Output torque M ₂ [N·m]	传动比 Ratio i	额定功率 Permitted output power P _N [kW]	机座号 Model
0.37kW				
7.3	465	123.55	8480	1.35
8.1	315	103.62	8720	1.50
8.8	408	102.68	8870	1.80 K
10	355	90.29	9070	1.78 K
12	308	84.88	9280	2.0 K
13	278	88.72	9380	2.2
6.8	375	145.14	8050	1.80
11	315	123.65	8230	1.50
13	275	188.28	8250	2.2 K
15	365	162.68	8420	2.5 K
18	238	80.28	8530	2.8 K
20	198	76.55	9050	3.1 K
25	177	89.12	8700	3.4
8.8	410	184.37	8490	1.0 K
9.9	355	96.85	6480	1.5 K
11	315	88.12	8720	1.80 K
12	298	75.20	8100	1.35 K
10	345	132.27	8680	1.20 K
11	318	121.48	7560	1.30 K
13	268	121.48	7330	1.30 K
15	258	80.88	7580	1.30 K
16	229	85.12	7670	1.85 K
18	193	75.20	7810	2.1 K
20	178	83.30	7960	2.5 K
22	162	83.30	7960	2.5
16	258	87.85	7320	0.80
18	215	83.68	5470	0.95
20	188	72.54	5590	1.10
20	174	87.80	5630	1.15
24	158	56.68	5510	1.35
28	128	49.78	5360	1.80
31	114	44.48	5230	2.1
35	97	37.67	5060	2.5
39	85	33.67	4890	2.2
42	77	29.96	4800	2.5 K
48	68	26.63	4760	2.7 K
53	64	24.98	4590	3.1 K
59	60	23.58	4510	3.3 K
66	52	20.19	4380	3.6 K
80	44	17.15	4160	4.1
90	38	15.31	4040	4.5
100	34	13.58	3880	5.0
114	31	12.14	3760	5.1
132	27	10.48	3630	5.9
158	23	8.81	3480	7.0
178	20	7.85	3360	7.5
203	17	6.80	3180	8.6
217	16	6.31	3130	8.9
250	14	5.35	2970	10
0.55kW				
8.8	660	189.78	17800	0.90
9.9	485	142.72	19000	1.00
11	426	131.16	18000	1.25 K
12	414	116.55	18000	1.35 K
18	268	73.33	18000	2.1
10	348	113.73	18000	0.85
8.15	338	132.64	18000	0.96
9.16	380	86.28	18000	1.15
8.21	314	144.11	18000	1.25 K
12.5	272	53.55	18000	1.85
8.33	332	84.97	18000	2.4



额定 输出 功率 P _{out} [kW]	额定 输出 扭矩 T _{out} [N·m]	传动 比 i	额定 输入 功率 P _{in} [kW]	额定 输入 扭矩 T _{in} [N·m]	电机 型号 Model
0.55kW					
0.20	22480	6681	104790	0.68	K 151/11/17/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/1222/1223/1224/1225/1226/1227/1228/12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输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	中心 距 Center distance a [mm]	传动 比 Ratio i	允许 过载 Permitted overloading load F _o [%]	服务 系数 Service factor K _s	机座号 Model
0.75kW						
11	645	123.85	7130	0.86		
13	563	108.29	7940	1.85		
15	435	132.85	8160	1.10		
18	473	98.26	8570	1.30		
18	395	78.86	8880	1.80		
20	365	68.12	9080	1.85		
23	315	68.81	9230	1.90		
24	300	57.42	9280	2.0		
26	255	48.89	9450	2.4		
31	230	44.45	9530	2.6		
18	390	75.20	9080	1.80		
20	365	68.81	9230	1.90		
22	332	62.30	8780	1.20		
24	295	58.83	7110	1.35		
24	255	48.85	7430	1.55		
30	140	48.83	7540	1.85		
30	205	38.81	7140	1.85		
39	184	35.29	7180	2.3		
44	162	31.30	7550	2.5		
31	232	64.46	4170	0.85		
36	197	57.87	4180	1.00		
39	188	38.87	4140	1.10		
48	188	28.86	4080	1.30		
58	168	28.83	4080	1.35		
68	138	24.86	3980	1.85		
88	121	23.36	3980	1.80		
88	108	20.18	3880	1.75		
80	89	17.16	3780	2.0		
80	80	18.31	3870	2.2		
105	85	13.88	3880	2.4		
114	83	12.16	3880	2.6		
132	84	10.49	3380	2.10		
185	85	8.81	3280	3.5		
175	41	7.86	3180	3.8		
285	35	6.80	3030	4.2		
217	35	6.31	2980	4.4		
287	35	5.36	2540	5.0		
1.1kW						
0.18	82700	8363	171300	0.80		
0.17	82430	8136	185800	0.85		
0.16	48300	7341	180000	1.85		
0.21	48300	8747	180000	1.35		
0.23	38300	8861	180000	1.30		
0.26	34900	5358	180000	1.45		
0.28	37200	4871	180000	1.80		
0.32	28300	4373	180000	1.80		
0.26	35800	5355	180000	0.80		
0.26	37200	4788	180000	1.80		
0.34	38600	4373	180000	1.35		
0.41	22200	3276	180000	1.45		
0.51	18000	2738	180000	1.80		
0.84	14600	3182	180000	2.3		
0.82	11300	1764	180000	2.8		
0.99	9035	1408	180000	3.4		
1.1	8868	1298	180000	3.7		

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	中心 距 Center distance a [mm]	传动 比 Ratio i	允许 过载 Permitted overloading load F _o [%]	服务 系数 Service factor K _s	机座号 Model
1.1kW						
0.48	22800	3816	103800	0.80		
0.48	20100	3051	111100	0.90		
0.54	16800	2670	112780	1.05		
0.68	16100	2322	113680	1.20		
0.84	11000	1659	115080	1.55		
1.0	8870	1368	116800	2.0		
1.1	8200	1229	115800	2.2		
1.3	7150	1083	118000	2.5		
1.8	6180	842	118130	3.8		
1.6	5850	854	118230	3.2		
0.73	13100	1926	79180	1.00		
0.82	11800	1787	78880	1.10		
0.91	10400	1541	85950	1.25		
1.0	8160	1342	81130	1.45		
1.2	7380	1177	81880	1.68		
1.4	6950	1025	81880	1.88		
1.6	6080	898	82080	2.1		
1.8	5270	788	82280	2.3		
2.0	4740	704	82480	2.7		
2.3	4360	616	82580	3.2		
2.5	3890	548	82800	3.5		
2.9	3180	477	82600	4.1		
1.2	7820	1186	88080	1.30		
1.4	6920	1030	88080	1.50		
1.5	6830	904	88080	1.35		
1.8	5380	783	88080	1.80		
2.0	4700	696	88080	1.70		
2.3	4120	615	88080	1.95		
2.7	3800	523	88080	2.3		
3.0	3360	451	88080	2.8		
3.4	3120	386	88080	3.2		
4.4	2140	318	88080	3.7		
1.9	5330	745	98800	0.85		
2.2	4420	652	40800	0.85		
2.6	3810	573	40800	1.10		
2.8	3400	584	40800	1.25		
3.2	2940	437	40800	1.45		
3.7	2380	382	40800	1.85		
4.1	2300	342	40800	1.85		
3.0	3220	474	26880	0.85		
3.3	2880	426	27080	0.85		
3.8	2520	373	27080	1.25		
4.2	2230	320	27080	1.30		
4.8	1950	284	28180	1.35		
5.8	1700	230	28380	1.80		
5.9	1600	235	28480	1.70		
7.0	1360	201	28880	2.2		
3.8	2720	176.65	40000	1.80		
4.3	2378	153.21	40000	1.80		
4.8	2175	140.38	40000	1.70		
5.8	1781	123.82	40000	2.3		
5.2	2010	178.35	40000	2.1		
6.0	1750	152.31	40000	2.3		
6.8	1600	148.28	40000	2.8		
7.4	1420	122.93	40000	3.8		
7.9	1200	118.95	40000	3.3		
9.1	1150	103.21	40000	3.7		
10	1080	148.28	40000	4.1		

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	中心 距 Center distance a [mm]	传动 比 Ratio i	允许 过载 Permitted overloading load F _o [%]	服务 系数 Service factor K _s	机座号 Model
1.1kW						
0.3	1900	174.18	26100	1.35		
0.3	1800	184.34	26200	1.45		
0.2	1840	147.32	26300	1.80		
0.2	1450	120.91	26500	1.85		
0.8	1310	174.18	26000	2.1		
0.8	1230	184.34	26100	2.2		
0.5	1110	147.32	26700	2.4		
11	880	126.81	26800	2.8		
12	873	115.62	26800	3.1		
6.8	1540	135.28	15400	1.00		
7.2	1470	125.52	15800	1.05		
8.0	1360	113.88	15700	1.20		
9.5	1110	97.85	15900	1.40		
10	1820	135.28	16300	1.55		
11	880	126.82	16800	1.80		
12	850	113.55	16800	1.80		
14	730	87.55	18200	2.1		
16	870	88.87	18300	2.3		
18	565	76.67	18500	2.7		
18	588	73.88	18600	2.8		
15	810	186.03	16400	1.80		
14	770	182.82	16700	1.85		
16	575	96.84	11400	1.20		
16	575	78.27	12000	1.45		
20	818	68.85	12300	1.80		
23	480	60.68	12600	1.80		
24	450	57.28	12700	1.80		
26	365	48.77	12800	2.2		
32	335	44.32	13500	2.5		
36	290	38.38	13200	2.8		
50	675	80.25	2410	0.90		
78	375	76.88	7940	1.05		
80	360	69.12	8790	1.15		
23	405	80.81	8030	1.30		
24	430	87.42	8780	1.40		
30	365	46.69	8020	1.65		
32	338	44.43	8180	1.80		
36	290	38.49	8300	2.1		
40	270	35.75	8480	2.3		
48	225	30.28	8540	2.6		
51	205	27.34	8910	2.9		
68	161	24.65	9030	3.3		
70	153	22.71	9080	3.6		
72	146	18.34	8730	4.0		
80	132	17.87	8100	4.2		
82	114	18.32	8180	4.5		
88	90	13.38	7880	5.1		
110	75	11.92	8180	6.8		
124	85	11.28	7900	7.0		
148	72	9.89	7700	9.8		
161	71	8.93	8100	8.0		
180	57	7.93	8890	8.4		
210	49	6.91	8090	1.0		
25	425	58.83	2750	0.85		
27	390	48.85	2780	1.10		
30	345	40.83	2880	1.15		
38	298	38.81	2780	1.30		
40	265	35.38	2760	1.50		
48	238	31.38	2880	1.70		
48	220	29.32	2690	1.80		
64	194	25.01	8710	2.4		
64	194	21.61	8710	2.4		
72	167	19.88	8380	2.7		

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	中心 距 Center distance a [mm]	传动 比 Ratio i	允许 过载 Permitted overloading load F _o [%]	服务 系数 Service factor K _s	机座号 Model
1.1kW						
47	325	29.06	3420	0.90		
58	188	28.89	3440	1.00		
60	175	25.18	3440	1.10		
68	152	23.18	3420	1.20		
72	126	17.18	3370	1.30		
81	115	15.21	3330	1.50		
107	68	13.08	3260	1.70		
113	91	12.14	3400	1.70		
133	78	10.48	3140	2.0		
157	67	8.91	2940	2.4		
178	68	7.98	2780	2.6		
208	51	6.89	2870	2.8		
220	48	6.37	2830	3.0		
261	48	5.38	2720	3.5		
1.5kW						
0.21	86700	8747	171120	0.80		
0.24	87370	8991	168360	0.90		
0.25	47300	5356	199080	1.05		K 14730/1730 W353-3000-8
0.28	33200	4817	199080	1.2		K 14730/1730 W353-3000-8
0.32	38800	4370	199080	1.30		K 14730/1730 W353-3000-8
0.39	32300	3609	199080	1.50		K 14730/1730 W353-3000-8
0.48	27800	3049	199080	1.80		K 14730/1730 W353-3000-8
0.55	22300	2512	199080	2.2		K 14730/1730 W353-3000-8
0.62	20500	2288	199080	2.5		K 14730/1730 W353-3000-8
0.78	38700	4078	199080	0.88		K 14730/1730 W353-3000-8
0.97	33700	3378	199080	1.0		K 14730/1730 W353-3000-8
0.51	24700	2150	199080	1.30		K 14730/1730 W353-3000-8
0.63	19800	2183	199080	1.50		K 14730/1730 W353-3000-8
0.83	18800	1704	199080	2.1		K 14730/1730 W353-3000-8
1.0	12900	1436	199080	2.5		K 14730/1730 W353-3000-8
1.1	11800	1286	199080	2.7		K 14730/1730 W353-3000-8
K 15730/1730 W353-3000-8						
0.61	26700	2322	199080	1.80		K 15730/1730 W353-3000-8
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输出转速 Output speed n ₂ [r/min]	输出扭矩 Output torque T ₂ [N·m]	传动比 Ratio i	额定功率 Permitted output power P _N [kW]	额定转速 Service speed n ₁ [r/min]	机座号 Model
1.5kW					
1.4	8480	1030	8500	0.88	
2.2	8120	840	8000	0.98	
2.6	7930	790	8500	1.10	
3.0	7690	800	8500	1.16	K 107W/F77W32-30W4
3.3	7630	810	8500	1.18	K 107W/F77W32-30W4
3.7	7470	820	8500	1.26	K 107W/F77W32-30W4
4.0	7420	820	8500	1.28	K 107W/F77W32-30W4
4.5	7270	830	8500	1.36	K 107W/F77W32-30W4
5.0	7120	840	8500	1.45	K 107W/F77W32-30W4
5.5	6970	850	8500	1.54	K 107W/F77W32-30W4
6.0	6820	860	8500	1.63	K 107W/F77W32-30W4
6.3	6770	860	8500	1.68	K 107W/F77W32-30W4
7.0	6620	870	8500	1.78	K 107W/F77W32-30W4
7.5	6470	880	8500	1.88	K 107W/F77W32-30W4
8.0	6320	890	8500	1.98	K 107W/F77W32-30W4
8.5	6170	900	8500	2.08	K 107W/F77W32-30W4
9.0	6020	910	8500	2.18	K 107W/F77W32-30W4
9.5	5870	920	8500	2.28	K 107W/F77W32-30W4
10.0	5720	930	8500	2.38	K 107W/F77W32-30W4
10.5	5570	940	8500	2.48	K 107W/F77W32-30W4
11.0	5420	950	8500	2.58	K 107W/F77W32-30W4
11.5	5270	960	8500	2.68	K 107W/F77W32-30W4
12.0	5120	970	8500	2.78	K 107W/F77W32-30W4
12.5	4970	980	8500	2.88	K 107W/F77W32-30W4
13.0	4820	990	8500	2.98	K 107W/F77W32-30W4
13.5	4670	1000	8500	3.08	K 107W/F77W32-30W4
14.0	4520	1010	8500	3.18	K 107W/F77W32-30W4
14.5	4370	1020	8500	3.28	K 107W/F77W32-30W4
15.0	4220	1030	8500	3.38	K 107W/F77W32-30W4
15.5	4070	1040	8500	3.48	K 107W/F77W32-30W4
16.0	3920	1050	8500	3.58	K 107W/F77W32-30W4
16.5	3770	1060	8500	3.68	K 107W/F77W32-30W4
17.0	3620	1070	8500	3.78	K 107W/F77W32-30W4
17.5	3470	1080	8500	3.88	K 107W/F77W32-30W4
18.0	3320	1090	8500	3.98	K 107W/F77W32-30W4
18.5	3170	1100	8500	4.08	K 107W/F77W32-30W4
19.0	3020	1110	8500	4.18	K 107W/F77W32-30W4
19.5	2870	1120	8500	4.28	K 107W/F77W32-30W4
20.0	2720	1130	8500	4.38	K 107W/F77W32-30W4
20.5	2570	1140	8500	4.48	K 107W/F77W32-30W4
21.0	2420	1150	8500	4.58	K 107W/F77W32-30W4
21.5	2270	1160	8500	4.68	K 107W/F77W32-30W4
22.0	2120	1170	8500	4.78	K 107W/F77W32-30W4
22.5	1970	1180	8500	4.88	K 107W/F77W32-30W4
23.0	1820	1190	8500	4.98	K 107W/F77W32-30W4
23.5	1670	1200	8500	5.08	K 107W/F77W32-30W4
24.0	1520	1210	8500	5.18	K 107W/F77W32-30W4
24.5	1370	1220	8500	5.28	K 107W/F77W32-30W4
25.0	1220	1230	8500	5.38	K 107W/F77W32-30W4
25.5	1070	1240	8500	5.48	K 107W/F77W32-30W4
26.0	920	1250	8500	5.58	K 107W/F77W32-30W4
26.5	770	1260	8500	5.68	K 107W/F77W32-30W4
27.0	620	1270	8500	5.78	K 107W/F77W32-30W4
27.5	470	1280	8500	5.88	K 107W/F77W32-30W4
28.0	320	1290	8500	5.98	K 107W/F77W32-30W4
28.5	170	1300	8500	6.08	K 107W/F77W32-30W4
29.0	20	1310	8500	6.18	K 107W/F77W32-30W4
29.5	10	1320	8500	6.28	K 107W/F77W32-30W4
30.0	0	1330	8500	6.38	K 107W/F77W32-30W4
30.5	0	1340	8500	6.48	K 107W/F77W32-30W4
31.0	0	1350	8500	6.58	K 107W/F77W32-30W4
31.5	0	1360	8500	6.68	K 107W/F77W32-30W4
32.0	0	1370	8500	6.78	K 107W/F77W32-30W4
32.5	0	1380	8500	6.88	K 107W/F77W32-30W4
33.0	0	1390	8500	6.98	K 107W/F77W32-30W4
33.5	0	1400	8500	7.08	K 107W/F77W32-30W4
34.0	0	1410	8500	7.18	K 107W/F77W32-30W4
34.5	0	1420	8500	7.28	K 107W/F77W32-30W4
35.0	0	1430	8500	7.38	K 107W/F77W32-30W4
35.5	0	1440	8500	7.48	K 107W/F77W32-30W4
36.0	0	1450	8500	7.58	K 107W/F77W32-30W4
36.5	0	1460	8500	7.68	K 107W/F77W32-30W4
37.0	0	1470	8500	7.78	K 107W/F77W32-30W4
37.5	0	1480	8500	7.88	K 107W/F77W32-30W4
38.0	0	1490	8500	7.98	K 107W/F77W32-30W4
38.5	0	1500	8500	8.08	K 107W/F77W32-30W4
39.0	0	1510	8500	8.18	K 107W/F77W32-30W4
39.5	0	1520	8500	8.28	K 107W/F77W32-30W4
40.0	0	1530	8500	8.38	K 107W/F77W32-30W4
40.5	0	1540	8500	8.48	K 107W/F77W32-30W4
41.0	0	1550	8500	8.58	K 107W/F77W32-30W4
41.5	0	1560	8500	8.68	K 107W/F77W32-30W4
42.0	0	1570	8500	8.78	K 107W/F77W32-30W4
42.5	0	1580	8500	8.88	K 107W/F77W32-30W4
43.0	0	1590	8500	8.98	K 107W/F77W32-30W4
43.5	0	1600	8500	9.08	K 107W/F77W32-30W4
44.0	0	1610	8500	9.18	K 107W/F77W32-30W4
44.5	0	1620	8500	9.28	K 107W/F77W32-30W4
45.0	0	1630	8500	9.38	K 107W/F77W32-30W4
45.5	0	1640	8500	9.48	K 107W/F77W32-30W4
46.0	0	1650	8500	9.58	K 107W/F77W32-30W4
46.5	0	1660	8500	9.68	K 107W/F77W32-30W4
47.0	0	1670	8500	9.78	K 107W/F77W32-30W4
47.5	0	1680	8500	9.88	K 107W/F77W32-30W4
48.0	0	1690	8500	9.98	K 107W/F77W32-30W4
48.5	0	1700	8500	10.08	K 107W/F77W32-30W4
49.0	0	1710	8500	10.18	K 107W/F77W32-30W4
49.5	0	1720	8500	10.28	K 107W/F77W32-30W4
50.0	0	1730	8500	10.38	K 107W/F77W32-30W4
50.5	0	1740	8500	10.48	K 107W/F77W32-30W4
51.0	0	1750	8500	10.58	K 107W/F77W32-30W4
51.5	0	1760	8500	10.68	K 107W/F77W32-30W4
52.0	0	1770	8500	10.78	K 107W/F77W32-30W4
52.5	0	1780	8500	10.88	K 107W/F77W32-30W4
53.0	0	1790	8500	10.98	K 107W/F77W32-30W4
53.5	0	1800	8500	11.08	K 107W/F77W32-30W4
54.0	0	1810	8500	11.18	K 107W/F77W32-30W4
54.5	0	1820	8500	11.28	K 107W/F77W32-30W4
55.0	0	1830	8500	11.38	K 107W/F77W32-30W4
55.5	0	1840	8500	11.48	K 107W/F77W32-30W4
56.0	0	1850	8500	11.58	K 107W/F77W32-30W4
56.5	0	1860	8500	11.68	K 107W/F77W32-30W4
57.0	0	1870	8500	11.78	K 107W/F77W32-30W4
57.5	0	1880	8500	11.88	K 107W/F77W32-30W4
58.0	0	1890	8500	11.98	K 107W/F77W32-30W4
58.5	0	1900	8500	12.08	K 107W/F77W32-30W4
59.0	0	1910	8500	12.18	K 107W/F77W32-30W4
59.5	0	1920	8500	12.28	K 107W/F77W32-30W4
60.0	0	1930	8500	12.38	K 107W/F77W32-30W4
60.5	0	1940	8500	12.48	K 107W/F77W32-30W4
61.0	0	1950	8500	12.58	K 107W/F77W32-30W4
61.5	0	1960	8500	12.68	K 107W/F77W32-30W4
62.0	0	1970	8500	12.78	K 107W/F77W32-30W4
62.5	0	1980	8500	12.88	K 107W/F77W32-30W4
63.0	0	1990	8500	12.98	K 107W/F77W32-30W4
63.5	0	2000	8500	13.08	K 107W/F77W32-30W4
64.0	0	2010	8500	13.18	K 107W/F77W32-30W4
64.5	0	2020	8500	13.28	K 107W/F77W32-30W4
65.0	0	2030	8500	13.38	K 107W/F77W32-30W4
65.5	0	2040	8500	13.48	K 107W/F77W32-30W4
66.0	0	2050	8500	13.58	K 107W/F77W32-30W4
66.5	0	2060	8500	13.68	K 107W/F77W32-30W4
67.0	0	2070	8500	13.78	K 107W/F77W32-30W4
67.5	0	2080	8500	13.88	K 107W/F77W32-30W4
68.0	0	2090	8500	13.98	K 107W/F77W32-30W4
68.5	0	2100	8500	14.08	K 107W/F77W32-30W4
69.0	0	2110	8500	14.18	K 107W/F77W32-30W4
69.5	0	2120	8500	14.28	K 107W/F77W32-30W4
70.0	0	2130	8500	14.38	K 107W/F77W32-30W4
70.5	0	2140	8500	14.48	K 107W/F77W32-30W4
71.0	0	2150	8500	14.58	K 107W/F77W32-30W4
71.5	0	2160	8500	14.68	K 107W/F77W32-30W4
72.0	0	2170	8500	14.78	K 107W/F77W32-30W4
72.5	0	2180	8500	14.88	K 107W/F77W32-30W4
73.0	0	2190	8500	14.98	K 107W/F77W32-30W4
73.5	0	2200	8500	15.08	K 107W/F77W32-30W4
74.0	0	2210	8500	15.18	K 107W/F77W32-30W4
74.5	0	2220	8500	15.28	K 107W/F77W32-30W4
75.0	0	2230	8500	15.38	K 107W/F77W32-30W4
75.5	0	2240	8500	15.48	K 107W/F77W32-30W4
76.0	0	2250	8500	15.58	K 107W/F77W32-30W4
76.5	0	2260	8500	15.68	K 107W/F77W32-30W4
77.0	0	2270	8500	15.78	K 107W/F77W32-30W4
77.5	0	2280	8500	15.88	K 107W/F77W32-30W4
78.0	0	2290	8500	15.98	K 107W/F77W32-30W4
78.5	0	2300	8500	16.08	K 107W/F77W32-30W4
79.0	0	2310	8500	16.18	K 107W/F77W32-30W4
79.5	0	2320	8500	16.28	K 107W/F77W32-30W4
80.0	0	2330	8500	16.38	K 107W/F77W32-30W4
80.5	0	2340	8500	16.48	K 107W/F77W32-30W4
81.0	0	2350	8500	16.58	K 107W/F77W32-30W4
81.5	0	2360	8500	16.68	K 107W/F77W32-30W4
82.0	0	2370	8500	16.78	K 107W/F77W32-30W4
82.5	0	2380	8500	16.88	K 107W/F77W32-30W4
83.0	0	2390	8500	16.98	K 107W/F77W32-30W4
83.5	0	2400	8500	17.08	K 107W/F77W32-30W4
84.0	0	2410	8500	17.18	K 107W/F77W32-30W4
84.5	0	2420	8500	17.28	K 107W/F77W32-30W4
85.0	0	2430	8500	17.38	K 107W/F77W32-30W4
85.5	0	2440	8500	17.48	K 107W/F77W32-30W4
86.0	0	2450	8500	17.58	K 107W/F77W32-30W4
86.5	0	2460	8500	17.68	K 107W/F77W32-30W4



输出转速 Output speed n ₂ [r/min]	额定输出 Output torque T ₂ [N·m]	传动比 Ratio i	额定输入 Power P ₁ [kW]	额定功率 Service factor K _f	机座号 Model
3.0级					
2.82	21700	1764	105000	1.80	
0.98	26200	1464	105000	1.80	
0.71	24120	1296	105000	1.23	
0.5	21610	1104	105000	1.95	
1.8	17500	8400	105000	1.88	K 10T30T W50S-D09V4
1.1	15300	843	105000	2.1	
1.9	14000	77	105000	2.3	
1.1	22800	1239	105000	0.80	
1.3	20500	1050	111000	0.90	
1.1	17500	843	111000	1.44	K 12T18T W50S-D09V4
1.8	15800	843	111000	1.73	K 12T18T W50S-D09V4
1.9	13900	795	111000	1.90	KAF 12T18T W50S-D09V4
3.0	13800	587	111000	1.90	
2.8	13100	564	115000	1.95	
3.0	8840	536	80700	1.90	
3.0	8640	531	81200	1.90	
3.3	7700	490	81500	1.70	K 12T18T W50S-D09V4
3.0	8480	567	81800	1.80	
3.0	8140	520	82000	1.90	KAF 12T18T W50S-D09V4
4.0	5300	287	82300	2.3	
1.8	14600	790	76500	0.80	
2.0	13500	734	79400	1.80	K 12T18T W50S-D09V4
2.0	13400	610	80000	1.18	K 12T18T W50S-D09V4
2.0	13300	549	80800	1.25	KAF 12T18T W50S-D09V4
3.0	8620	471	81100	1.45	KAF 12T18T W50S-D09V4
3.3	7940	438	81800	1.83	
3.8	6818	481	83000	0.88	
3.4	7628	488	83000	1.88	
4.0	5940	364	83500	1.90	
4.0	5940	310	83100	1.95	K 12T18T W50S-D09V4
4.8	5310	280	83900	1.90	KAF 12T18T W50S-D09V4
5.0	4750	281	84000	2.1	
6.3	4128	232	83000	1.88	KAF 12T18T W50S-D09V4
7.1	3878	188	83500	2.3	
8.0	3540	174	84000	2.3	
9.0	2888	154	83900	2.5	
10	2610	140	83900	2.8	
6.0	4860	288	40000	0.80	K 10T18T W50S-D09V4
6.0	4800	232	40000	1.80	KAF 10T18T W50S-D09V4
7.0	3740	198	40000	1.95	KAF 10T18T W50S-D09V4
8.0	3210	143.47	40000	1.88	K 10T W50S-D09V4
8.0	4830	121.41	40000	1.88	KAF 10T W50S-D09V4
7.2	4810	172.47	40000	1.80	KAF 10T W50S-D09V4
7.2	4810	168.78	40000	2.8	KAF 10T W50S-D09V4
7.9	3820	99.98	40000	2.1	
8.5	4310	143.47	40000	1.95	K 10T W50S-D09V4
8.5	3700	121.48	40000	1.80	KAF 10T W50S-D09V4
8.6	3430	112.41	40000	2.3	KAF 10T W50S-D09V4
8.3	3610	180.78	40000	2.8	KAF 10T W50S-D09V4
8.5	2940	143.47	40000	2.3	K 10T W50S-D09V4
12	2800	121.48	40000	2.3	KAF 10T W50S-D09V4
7.6	3760	123.83	40000	1.18	K 10T W50S-D09V4
8.0	3200	195.13	40000	1.95	KAF 10T W50S-D09V4
8.7	2900	88.88	40000	1.45	KAF 10T W50S-D09V4
11	2620	88.82	40000	1.88	KAF 10T W50S-D09V4
7.9	3600	176.05	40000	1.28	K 10T W50S-D09V4
8.1	3420	193.21	40000	1.38	KAF 10T W50S-D09V4
18	2810	142.28	40000	1.88	KAF 10T W50S-D09V4
11	2540	121.83	40000	1.78	KAF 10T W50S-D09V4
13	2150	105.13	40000	2.0	
14	1980	98.80	40000	2.3	
16	1770	88.82	40000	2.4	K 10T W50S-D09V4
18	1590	71.89	40000	2.7	KAF 10T W50S-D09V4
20	1440	70.34	40000	3.0	KAF 10T W50S-D09V4
23	1280	62.88	40000	3.8	KAF 10T W50S-D09V4
26	1150	56.85	40000	3.7	
9.8	3010	147.32	28800	3.80	K 8T W50S-D09V4
11	2630	126.81	21400	1.68	KAF 8T W50S-D09V4
12	2170	115.82	21700	1.15	KAF 8T W50S-D09V4
14	1720	102.71	28800	1.30	KAF 8T W50S-D09V4
16	1710	88.84	30000	1.55	
20	1440	70.34	28800	1.88	KAF 8T W50S-D09V4
23	1270	63.80	28800	2.1	KAF 8T W50S-D09V4
26	1160	56.84	28700	2.3	KAF 8T W50S-D09V4
28	1010	49.18	28800	2.7	KAF 8T W50S-D09V4
33	860	44.82	28800	3.0	KAF 8T W50S-D09V4
36	740	38.82	28400	3.5	
16	1820	88.87	13100	3.88	
18	1600	78.17	10300	3.88	KAF 7T W50S-D09V4
19	1411	73.89	10300	1.65	KAF 7T W50S-D09V4
22	1230	64.75	10300	1.15	KAF 7T W50S-D09V4
24	1190	58.34	11800	1.30	KAF 7T W50S-D09V4
27	1040	51.45	10300	1.60	
36	740	38.82	10300	3.5	KAF 7T W50S-D09V4
31	820	45.05	18800	1.70	K 7T W50S-D09V4
33	820	42.04	18800	1.90	KAF 7T W50S-D09V4
40	720	38.30	10300	2.3	KAF 7T W50S-D09V4
47	630	30.49	19400	2.5	KAF 7T W50S-D09V4
32	910	44.32	9450	3.90	K 6T W50S-D09V4
36	750	38.29	10300	1.00	KAF 6T W50S-D09V4
37	730	33.82	11800	1.18	KAF 6T W50S-D09V4
46	620	30.21	11800	1.35	KAF 6T W50S-D09V4
51	500	27.20	11800	1.70	KAF 6T W50S-D09V4
58	460	24.20	12300	1.88	
82	450	22.80	13800	1.70	
83	390	19.20	13800	1.88	
86	360	17.84	13800	2.1	K 8T W50S-D09V4
91	310	15.19	13800	2.2	KAF 8T W50S-D09V4
95	270	12.22	13800	2.3	KAF 8T W50S-D09V4
103	230	12.48	13800	2.1	KAF 8T W50S-D09V4
140	170	10.45	13800	2.3	
145	150	9.85	13800	2.4	
68	620	30.28	7180	0.88	K 5T W50S-D09V4
51	560	21.34	7180	1.85	KAF 5T W50S-D09V4
58	490	24.85	7180	2.30	KAF 5T W50S-D09V4
82	460	22.71	7180	1.30	
71	365	19.34	7080	1.45	
76	300	11.51	7020	1.95	
77	270	10.23	7020	1.70	
108	270	12.29	7180	1.80	K 8T W50S-D09V4
107	245	11.83	8420	1.70	KAF 8T W50S-D09V4
124	230	11.86	8420	1.80	KAF 8T W50S-D09V4
140	190	9.59	8200	2.1	KAF 8T W50S-D09V4
181	178	8.71	8200	2.3	
188	158	7.88	8200	2.8	
213	134	6.57	8780	2.8	
73	460	26.88	4430	1.80	K 4T W50S-D09V4
83	345	16.98	4430	1.70	KAF 4T W50S-D09V4
88	323	13.88	4500	1.73	KAF 4T W50S-D09V4

输出转速 Output speed n ₂ [r/min]	额定输出 Output torque T ₂ [N·m]	传动比 Ratio i	额定输入 Power P ₁ [kW]	额定功率 Service factor K _f	机座号 Model
3.0级					
183	280	13.88	4810	1.30	
210	280	11.8	4480	1.45	
240	240	11.77	4370	1.45	
135	215	10.58	4450	1.95	K 4T W50S-D09V4
184	178	8.18	4370	1.80	KAF 4T W50S-D09V4
144	178	8.58	4270	1.88	KAF 4T W50S-D09V4
180	178	7.38	4180	1.88	KAF 4T W50S-D09V4
215	135	6.58	4150	1.80	
241	119	5.81	4000	1.80	
187	182	8.81	3080	0.80	K 3T W50S-D09V4
176	183	7.88	3040	0.88	KAF 3T W50S-D09V4
196	130	6.86	3040	1.10	KAF 3T W50S-D09V4
220	150	6.37	3080	1.10	KAF 3T W50S-D09V4
281	170	5.38	3080	1.30	KAF 3T W50S-D09V4
4.0级					
1.3	29200	835	100000	2.5	K 16T18T W50S-D09V4
1.7	12000	320	100000	4.0	
0.65	60000	2018	100000	8.80	
0.63	55000	2058	100000	9.00	
0.61	30200	2054	100000	1.00	
0.78	48000	1821	100000	1.18	K 16T18T W50S-D09V4
0.88	38300	1808	100000	1.28	K 16T18T W50S-D09V4
1.6	34000	1358	100000	1.45	
1.3	29200	1198	100000	1.78	
1.4	28000	1048	100000	1.98	
2.3	22100	844	100000	2.3	
1.6	34000	1400	100000	8.90	
1.1	31000	1298	100000	1.08	
1.3	28900	1101	100000	1.28	
1.8	22100	844	100000	1.48	
1.7	20500	843	100000	1.88	K 16T18T W50S-D09V4
1.9	18500	771	100000	2.1	
2.3	15400	632	100000	2.3	
1.7	20500	854	100000	8.85	K 12T18T W50S-D09V4
1.9	18400	790	110000	1.08	KAF 12T18T W50S-D09V4
2.3	13800	587	110000	1.28	KAF 12T18T W50S-D09V4
2.8	12300	564	108000	1.48	KAF 12T18T W50S-D09V4
3.3	10900	434	109100	1.78	
2.7	13100	550	71800	1.18	
3.8	11800	473	71800	1.18	
3.4	12300	418	80800	1.28	K 12T18T W50S-D09V4
3.8	10400	387	81000	1.48	KAF 12T18T W50S-D09V4
4.3	9100	363	81400	1.48	KAF 12T18T W50S-D09V4
5.8	7910	287	81900	1.88	KAF 12T18T W50S-D09V4
5.8	8200	283	82000	2.1	
3.8	12100	418	81000	1.88	K 12T18T W50S-D09V4
3.8	11800	349	78800	1.88	KAF 12T18T W50S-D09V4
3.6	11800	471	78000	1.18	KAF 12T18T W50S-D09V4
4.3	10300	415	80900	1.25	KAF 12T18T W50S-D09V4
3.8	8990	364	80000	1.90	
4.3	7880	318	80000	2.00	
4.8	7080	288	80000	1.18	K 12T18T W50S-D09V4
5.7	6200	241	80000	1.48	KAF 12T18T W50S-D09V4
6.4	5478	232	80000	1.45	KAF 12T18T W50S-D09V4
7.2	4940	198	80000	1.65	KAF 12T18T W50S-D09V4
8.2	4380	182	80000	1.78	
9.2	3800	168	80000	1.88	
10	3440	140	80000	2.1	
4.1	4830	198	40000	0.88	K 10T18T W50S-D09V4
4.1	4830	198	40000	1.88	KAF 10T18T W50S-D09V4
4.1	4830	198	40000	1.88	KAF 10T18T W50S-D09V4
5.3	7220	136.14	81700	1.80	K 12T W50S-D09V4
5.3	6900	122.48	81700	2.8	KAF 12T W50S-D09V4
5.3	6850	116.18	82100	2.3	KAF 12T W50S-D09V4
4.0级					
6.8	1880	168.87	82100	2.3	K 1



输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio i	额定 输入功率 Rated input power P ₁ [kW]	服务 系数 Service factor K _s	机型号 Model
4.5kW					
88	646	34.65	6/30	0.66	
93	618	32.7	6/40	1.00	
98	591	31.34	6/50	1.33	
103	564	29.97	6/60	1.67	
108	537	28.62	6/70	2.00	
113	510	27.28	6/80	2.33	
118	483	25.94	6/90	2.67	
123	456	24.60	6/100	3.00	
128	429	23.26	6/110	3.33	
133	402	21.92	6/120	3.67	
138	375	20.58	6/130	4.00	
143	348	19.24	6/140	4.33	
148	321	17.90	6/150	4.67	
153	294	16.56	6/160	5.00	
158	267	15.22	6/170	5.33	
163	240	13.88	6/180	5.67	
168	213	12.54	6/190	6.00	
173	186	11.20	6/200	6.33	
178	159	9.86	6/210	6.67	
183	132	8.52	6/220	7.00	
188	105	7.18	6/230	7.33	
193	78	5.84	6/240	7.67	
198	51	4.50	6/250	8.00	
203	24	3.16	6/260	8.33	
208	17	2.82	6/270	8.67	
213	14	2.48	6/280	9.00	
218	11	2.14	6/290	9.33	
223	8	1.80	6/300	9.67	
228	5	1.46	6/310	10.00	
233	2	1.12	6/320	10.33	
238	1	0.78	6/330	10.67	
243	1	0.78	6/340	11.00	
248	1	0.78	6/350	11.33	
253	1	0.78	6/360	11.67	
258	1	0.78	6/370	12.00	
263	1	0.78	6/380	12.33	
268	1	0.78	6/390	12.67	
273	1	0.78	6/400	13.00	
278	1	0.78	6/410	13.33	
283	1	0.78	6/420	13.67	
288	1	0.78	6/430	14.00	
293	1	0.78	6/440	14.33	
298	1	0.78	6/450	14.67	
303	1	0.78	6/460	15.00	
308	1	0.78	6/470	15.33	
313	1	0.78	6/480	15.67	
318	1	0.78	6/490	16.00	
323	1	0.78	6/500	16.33	
328	1	0.78	6/510	16.67	
333	1	0.78	6/520	17.00	
338	1	0.78	6/530	17.33	
343	1	0.78	6/540	17.67	
348	1	0.78	6/550	18.00	
353	1	0.78	6/560	18.33	
358	1	0.78	6/570	18.67	
363	1	0.78	6/580	19.00	
368	1	0.78	6/590	19.33	
373	1	0.78	6/600	19.67	
378	1	0.78	6/610	20.00	
383	1	0.78	6/620	20.33	
388	1	0.78	6/630	20.67	
393	1	0.78	6/640	21.00	
398	1	0.78	6/650	21.33	
403	1	0.78	6/660	21.67	
408	1	0.78	6/670	22.00	
413	1	0.78	6/680	22.33	
418	1	0.78	6/690	22.67	
423	1	0.78	6/700	23.00	
428	1	0.78	6/710	23.33	
433	1	0.78	6/720	23.67	
438	1	0.78	6/730	24.00	
443	1	0.78	6/740	24.33	
448	1	0.78	6/750	24.67	
453	1	0.78	6/760	25.00	
458	1	0.78	6/770	25.33	
463	1	0.78	6/780	25.67	
468	1	0.78	6/790	26.00	
473	1	0.78	6/800	26.33	
478	1	0.78	6/810	26.67	
483	1	0.78	6/820	27.00	
488	1	0.78	6/830	27.33	
493	1	0.78	6/840	27.67	
498	1	0.78	6/850	28.00	
503	1	0.78	6/860	28.33	
508	1	0.78	6/870	28.67	
513	1	0.78	6/880	29.00	
518	1	0.78	6/890	29.33	
523	1	0.78	6/900	29.67	
528	1	0.78	6/910	30.00	
533	1	0.78	6/920	30.33	
538	1	0.78	6/930	30.67	
543	1	0.78	6/940	31.00	
548	1	0.78	6/950	31.33	
553	1	0.78	6/960	31.67	
558	1	0.78	6/970	32.00	
563	1	0.78	6/980	32.33	
568	1	0.78	6/990	32.67	
573	1	0.78	6/1000	33.00	
578	1	0.78	6/1010	33.33	
583	1	0.78	6/1020	33.67	
588	1	0.78	6/1030	34.00	
593	1	0.78	6/1040	34.33	
598	1	0.78	6/1050	34.67	
603	1	0.78	6/1060	35.00	
608	1	0.78	6/1070	35.33	
613	1	0.78	6/1080	35.67	
618	1	0.78	6/1090	36.00	
623	1	0.78	6/1100	36.33	
628	1	0.78	6/1110	36.67	
633	1	0.78	6/1120	37.00	
638	1	0.78	6/1130	37.33	
643	1	0.78	6/1140	37.67	
648	1	0.78	6/1150	38.00	
653	1	0.78	6/1160	38.33	
658	1	0.78	6/1170	38.67	
663	1	0.78	6/1180	39.00	
668	1	0.78	6/1190	39.33	
673	1	0.78	6/1200	39.67	
678	1	0.78	6/1210	40.00	
683	1	0.78	6/1220	40.33	
688	1	0.78	6/1230	40.67	
693	1	0.78	6/1240	41.00	
698	1	0.78	6/1250	41.33	
703	1	0.78	6/1260	41.67	
708	1	0.78	6/1270	42.00	
713	1	0.78	6/1280	42.33	
718	1	0.78	6/1290	42.67	
723	1	0.78	6/1300	43.00	
728	1	0.78	6/1310	43.33	
733	1	0.78	6/1320	43.67	
738	1	0.78	6/1330	44.00	
743	1	0.78	6/1340	44.33	
748	1	0.78	6/1350	44.67	
753	1	0.78	6/1360	45.00	
758	1	0.78	6/1370	45.33	
763	1	0.78	6/1380	45.67	
768	1	0.78	6/1390	46.00	
773	1	0.78	6/1400	46.33	
778	1	0.78	6/1410	46.67	
783	1	0.78	6/1420	47.00	
788	1	0.78	6/1430	47.33	
793	1	0.78	6/1440	47.67	
798	1	0.78	6/1450	48.00	
803	1	0.78	6/1460	48.33	
808	1	0.78	6/1470	48.67	
813	1	0.78	6/1480	49.00	
818	1	0.78	6/1490	49.33	
823	1	0.78	6/1500	49.67	
828	1	0.78	6/1510	50.00	
833	1	0.78	6/1520	50.33	
838	1	0.78	6/1530	50.67	
843	1	0.78	6/1540	51.00	
848	1	0.78	6/1550	51.33	
853	1	0.78	6/1560	51.67	
858	1	0.78	6/1570	52.00	
863	1	0.78	6/1580	52.33	
868	1	0.78	6/1590	52.67	
873	1	0.78	6/1600	53.00	
878	1	0.78	6/1610	53.33	
883	1	0.78	6/1620	53.67	
888	1	0.78	6/1630	54.00	
893	1	0.78	6/1640	54.33	
898	1	0.78	6/1650	54.67	
903	1	0.78	6/1660	55.00	
908	1	0.78	6/1670	55.33	
913	1	0.78	6/1680	55.67	
918	1	0.78	6/1690	56.00	
923	1	0.78	6/1700	56.33	
928	1	0.78	6/1710	56.67	
933	1	0.78	6/1720	57.00	
938	1	0.78	6/1730	57.33	
943	1	0.78	6/1740	57.67	
948	1	0.78	6/1750	58.00	
953	1	0.78	6/1760	58.33	
958	1	0.78	6/1770	58.67	
963	1	0.78	6/1780	59.00	
968	1	0.78	6/1790	59.33	
973	1	0.78	6/1800	59.67	
978	1	0.78	6/1810	60.00	
983	1	0.78	6/1820	60.33	
988	1	0.78	6/1830	60.67	
993	1	0.78	6/1840	61.00	
998	1	0.78	6/1850	61.33	
1003	1	0.78	6/1860	61.67	
1008	1	0.78	6/1870	62.00	
1013	1	0.78	6/1880	62.33	
1018	1	0.78	6/1890	62.67	
1023	1	0.78	6/1900	63.00	
1028	1	0.78	6/1910	63.33	
1033	1	0.78	6/1920	63.67	
1038	1	0.78	6/1930	64.00	
1043	1	0.78	6/1940	64.33	
1048	1	0.78	6/1950	64.67	
1053	1	0.78	6/1960	65.00	
1058	1	0.78	6/1970	65.33	
1063	1	0.78	6/1980	65.67	
1068	1	0.78	6/1990	66.00	
1073	1	0.78	6/2000	66.33	
1078	1	0.78	6/2010	66.67	
1083	1	0.78	6/2020	67.00	
1088	1	0.78	6/2030	67.33	
1093	1	0.78	6/2040	67.67	
1098	1	0.78	6/2050	68.00	
1103	1	0.78	6/2060	68.33	
1108	1	0.78	6/2070	68.67	
1113	1	0.78	6/2080	69.00	
1118	1	0.78	6/2090	69.33	
1123	1	0.78	6/2100	69.67	
1128	1	0.78	6/2110	70.00	
1133	1	0.78	6/2120	70.33	
1138	1	0.78	6/2130	70.67	
1143	1	0.78	6/2140	71.00	
1148	1	0.78	6/2150	71.33	
1153	1	0.78	6/2160	71.67	
1158	1	0.78	6/2170	72.00	
1163	1	0.78	6/2180	72.33	
1168	1	0.78	6/2190	72.67	
1173	1	0.78	6/2200	73.00	
1178	1	0.78	6/2210	73.33	
1183	1	0.78	6/2220	73.67	
1188	1	0.78	6/2230	74.00	
1193	1	0.78	6/2240	74.33	
1198	1	0.78	6/2250	74.67	
1203	1	0.78	6/2260	75.00	
1208	1	0.78	6/2270	75.33	
1213	1	0.78	6/2280	75.67	
1218	1	0.78	6/2290	76.00	



输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque M ₂ [N·m]	传动 比 Ratio i	额定 功率 Permitted output power P ₂ [kW]	使用 系数 Service factor K _s	机座号 Model
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11.0kW

5.9	17900	121.39	11200W	1.0	K 107 V03310904
7.2	14600	139.37	11200W	1.25	K 107 V03310904
9.0	11900	151.14	11200W	1.5	K 107 V03310904
11	10000	171.00	11200W	1.5	K 107 V03310904
14	8000	213.75	11200W	1.5	K 107 V03310904
18	6300	270.00	11200W	1.5	K 107 V03310904
22	5000	336.00	11200W	1.5	K 107 V03310904
28	3900	438.46	11200W	1.5	K 107 V03310904
36	3000	560.00	11200W	1.5	K 107 V03310904
45	2300	717.39	11200W	1.5	K 107 V03310904
56	1800	888.89	11200W	1.5	K 107 V03310904

5.9	17900	121.39	11200W	1.0	K 107 V03310904
7.2	14600	139.37	11200W	1.25	K 107 V03310904
9.0	11900	151.14	11200W	1.5	K 107 V03310904
11	10000	171.00	11200W	1.5	K 107 V03310904
14	8000	213.75	11200W	1.5	K 107 V03310904
18	6300	270.00	11200W	1.5	K 107 V03310904
22	5000	336.00	11200W	1.5	K 107 V03310904
28	3900	438.46	11200W	1.5	K 107 V03310904
36	3000	560.00	11200W	1.5	K 107 V03310904
45	2300	717.39	11200W	1.5	K 107 V03310904
56	1800	888.89	11200W	1.5	K 107 V03310904

11	9000	136.34	8000W	1.5	K 107 V03310904
14	7200	170.45	8000W	1.5	K 107 V03310904
18	5800	210.34	8000W	1.5	K 107 V03310904
22	4700	261.91	8000W	1.5	K 107 V03310904
28	3600	333.33	8000W	1.5	K 107 V03310904

13	8200	112.61	8000W	1.5	K 107 V03310904
14	7300	118.62	8000W	1.5	K 107 V03310904
16	6500	124.61	8000W	1.5	K 107 V03310904
17	6000	133.33	8000W	1.5	K 107 V03310904

20	5300	151.52	8000W	1.5	K 107 V03310904
22	4800	166.67	8000W	1.5	K 107 V03310904
25	4200	190.48	8000W	1.5	K 107 V03310904
28	3800	210.53	8000W	1.5	K 107 V03310904
32	3200	250.00	8000W	1.5	K 107 V03310904

36	2800	285.71	8000W	1.5	K 107 V03310904
40	2500	320.00	8000W	1.5	K 107 V03310904
45	2200	363.64	8000W	1.5	K 107 V03310904
50	2000	400.00	8000W	1.5	K 107 V03310904
56	1800	444.44	8000W	1.5	K 107 V03310904

63	1600	506.25	8000W	1.5	K 107 V03310904
71	1400	571.43	8000W	1.5	K 107 V03310904
80	1250	640.00	8000W	1.5	K 107 V03310904
90	1111	720.00	8000W	1.5	K 107 V03310904
100	1000	800.00	8000W	1.5	K 107 V03310904

112	900	888.89	8000W	1.5	K 107 V03310904
125	800	1000.00	8000W	1.5	K 107 V03310904
140	714	1120.00	8000W	1.5	K 107 V03310904
160	625	1280.00	8000W	1.5	K 107 V03310904
180	556	1440.00	8000W	1.5	K 107 V03310904

200	500	1600.00	8000W	1.5	K 107 V03310904
224	450	1777.78	8000W	1.5	K 107 V03310904
251	400	2000.00	8000W	1.5	K 107 V03310904
280	357	2238.09	8000W	1.5	K 107 V03310904
315	318	2500.00	8000W	1.5	K 107 V03310904

355	270	2963.00	8000W	1.5	K 107 V03310904
400	237	3377.33	8000W	1.5	K 107 V03310904
450	200	4000.00	8000W	1.5	K 107 V03310904
500	180	4444.44	8000W	1.5	K 107 V03310904
560	161	5000.00	8000W	1.5	K 107 V03310904

630	137	5833.33	8000W	1.5	K 107 V03310904
710	121	6571.43	8000W	1.5	K 107 V03310904
800	111	7272.73	8000W	1.5	K 107 V03310904
900	100	8000.00	8000W	1.5	K 107 V03310904

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque M ₂ [N·m]	传动 比 Ratio i	额定 功率 Permitted output power P ₂ [kW]	使用 系数 Service factor K _s	机座号 Model
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15.0kW

4.8	28700	218	15000W	1.10	K 107 V03310904
5.8	23900	218	15000W	1.25	K 107 V03310904
6.3	22500	218	15000W	1.5	K 107 V03310904
6.8	18200	213	15000W	1.5	K 107 V03310904
7.1	18900	206	15000W	1.75	K 107 V03310904
8.0	17200	187.50	15000W	1.5	K 107 V03310904
9.1	14400	180	15000W	2.2	K 107 V03310904

6.3	25700	218	11200W	0.85	K 107 V03310904
6.8	18200	213	11200W	0.85	K 107 V03310904
7.1	18900	206	11200W	1.00	K 107 V03310904
8.0	17200	187.50	11200W	1.25	K 107 V03310904
12	11000	180	11200W	1.5	K 107 V03310904
14	9500	150	11200W	1.5	K 107 V03310904

5.4	26800	178.56	7500W	1.5	K 107 V03310904
5.9	24400	165.37	7500W	2.2	K 107 V03310904
7.2	19900	134.99	15000W	1.5	K 107 V03310904
8.8	16200	108.83	15000W	1.5	K 107 V03310904

8.9	16100	104.08	15000W	2.2	K 107 V03310904
11	13200	134.99	15000W	2.2	K 107 V03310904
7.8	18900	122.38	11200W	1.00	K 107 V03310904
8.8	16200	108.83	11200W	1.25	K 107 V03310904
11	13200	134.99	11200W	1.5	K 107 V03310904
12	11900	124.35	11200W	1.5	K 107 V03310904
14	9500	150.38	11200W	1.75	K 107 V03310904

9.1	14400	180.45	11200W	1.25	K 107 V03310904
12	12000	160.00	11200W	1.5	K 107 V03310904
15	9600	150.00	11200W	1.5	K 107 V03310904
18	8000	144.00	11200W	1.5	K 107 V03310904
22	6600	136.36	11200W	1.5	K 107 V03310904

25	5760	125.00	11200W	1.5	K 107 V03310904
28	5140	111.11	11200W	1.5	K 107 V03310904
32	4500	100.00	11200W	1.5	K 107 V03310904
36	4000	90.00	11200W	1.5	K 107 V03310904
40	3600	80.00	11200W	1.5	K 107 V03310904

45	3200	72.73	11200W	1.5	K 107 V03310904
50	2880	65.45	11200W	1.5	K 107 V03310904
56	2590	58.33	11200W	1.5	K 107 V03310904
63	2240	50.00	11200W	1.5	K 107 V03310904
71	2000	44.44	11200W	1.5	K 107 V03310904

80	1800	38.89	11200W	1.5	K 107 V03310904
90	1600	33.33	11200W	1.5	K 107 V03310904
100	1440	29.63	11200W	1.5	K 107 V03310904
112	1280	25.00	11200W	1.5	K 107 V03310904
125	1120	21.43	11200W	1.5	K 107 V03310904

140	1000	18.18	11200W	1.5	K 107 V03310904
160	889	15.74	11200W	1.5	K 107 V03310904
180	778	13.76	11200W	1.5	K 107 V03310904
200	690	12.00	11200W	1.5	K 107 V03310904
224	616	10.55	11200W	1.5	K 107 V03310904

251	545	9.17	11200W	1.5	K 107 V03310904
280	481	8.00	11200W	1.5	K 107 V03310904
315	423	7.06	11200W	1.5	K 107 V03310904
355	371	6.25	11200W	1.5	K 107 V03310904
400	323	5.50	11200W	1.5	K 107 V03310904

450	280	4.81	11200W	1.5	K 107 V03310904
500	245	4.17	11200W	1.5	K 107 V03310904
560	214	3.60	11200W	1.5	K 107 V03310904
630	189	3.12	11200W	1.5	K 107 V03310904
710	166	2.65	11200W	1.5	K 107 V03310904

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque M ₂ [N·m]	传动 比 Ratio i	额定 功率 Permitted output power P ₂ [kW]	使用 系数 Service factor K _s	机座号 Model
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15.0kW

8.1	1570	18.00	7500W	1.5	K 107 V03310904
10.1	1340	14.40	7500W	1.5	K 107 V03310904
12.1	1150	11.70	7500W	1.5	K 107 V03310904
14.1	1000	9.00	7500W	1.5	K 107 V03310904
16.1	870	7.20	7500W	1.5	K 107 V03310904
18.1	760	6.30	7500W	1.5	K 107 V03310904
20.1	660	5.45	7500W	1.5	K 107 V03310904
22.1	570	4.70	7500W	1.5	K 107 V03310904
24.1	490	4.08	7500W	1.5	K 107 V03310904
26.1	420	3.57	7500W	1.5	K 107 V03310904
28.1	360	3.12	7500W	1.5	K 107 V03310904
30.1	310	2.74	7500W	1.5	K 107 V03310904
32.1	270	2.41	7500W	1.5	K 107 V03310904
34.1	230	2.17	7500W	1.5	K 107 V03310904
36.1	200	1.90	7500W	1.5	K 107 V03310904
38.1	170	1.65	7500W	1.5	K 107 V03310904
40.1	150	1.43	7500W	1.5	K 107 V03310904
42.1	130	1.23	7500W	1.5	K 107 V03310904
44.1	110	1.05	7500W	1.5	K 107 V03310904
46.1	100	0.90	7500W	1.5	K 107 V03310904
48.1	90	0.77	7500W	1.5	K 107 V03310904
50.1	80	0.66	7500W	1.5	K 107 V03310904
52.1	70	0.58	7500W	1.5	K 107 V03310904
54.1	60	0.50	7500W	1.5	K 107 V03310904
56.1	50	0.43	7500W	1.5	K 107 V03310904
58.1	40	0.37	7500W	1.5	K 107 V03310904
60.1	30	0.30	7500W	1.5	K 107 V03310904
62.1	20	0.24	7500W	1.5	K 107 V03310904



输出 转速 Output speed n ₂ [rpm]	输出 扭矩 Output torque M ₂ [N·m]	传动 比 Ratio i	输出 功率 Output power P ₂ [kW]	减速 比 Service factor K	机型号 Model
22kW					
15	12900	80.20	21800	1.50	K 127 W022000-4
16	11820	87.88	21800	1.35	KP 127 W022000-4
18	10620	97.22	21800	1.20	KAF 127 W022000-4
23	8640	127.00	21800	1.20	KAF 127 W022000-4
27	7740	144.87	21700	1.20	KAF 127 W022000-4
32	6500	171.42	20700	1.20	KAF 127 W022000-4
40	5200	214.29	20700	1.20	KAF 127 W022000-4
50	4200	267.86	21800	1.20	KAF 127 W022000-4
63	3410	322.61	21800	1.20	KAF 127 W022000-4
80	2710	402.22	21800	1.20	KAF 127 W022000-4
100	2160	500.00	21800	1.20	KAF 127 W022000-4
125	1720	622.22	21800	1.20	KAF 127 W022000-4
160	1330	811.00	21800	1.20	KAF 127 W022000-4
200	1060	1019.00	21800	1.20	KAF 127 W022000-4
250	840	1271.43	21800	1.20	KAF 127 W022000-4
315	670	1581.00	21800	1.20	KAF 127 W022000-4
400	520	2019.00	21800	1.20	KAF 127 W022000-4
500	410	2512.22	21800	1.20	KAF 127 W022000-4
630	320	3125.00	21800	1.20	KAF 127 W022000-4
800	250	3966.67	21800	1.20	KAF 127 W022000-4
1000	200	4950.00	21800	1.20	KAF 127 W022000-4
1250	160	6187.50	21800	1.20	KAF 127 W022000-4
1600	120	8250.00	21800	1.20	KAF 127 W022000-4
2000	90	10333.33	21800	1.20	KAF 127 W022000-4
2500	72	12916.67	21800	1.20	KAF 127 W022000-4
3150	58	16034.48	21800	1.20	KAF 127 W022000-4
4000	45	20444.44	21800	1.20	KAF 127 W022000-4
5000	36	25555.56	21800	1.20	KAF 127 W022000-4
6300	29	31896.55	21800	1.20	KAF 127 W022000-4
8000	23	40217.39	21800	1.20	KAF 127 W022000-4
10000	18	50555.56	21800	1.20	KAF 127 W022000-4
12500	14	6333.33	21800	1.20	KAF 127 W022000-4
16000	11	8181.82	21800	1.20	KAF 127 W022000-4
20000	9	10222.22	21800	1.20	KAF 127 W022000-4
25000	7	12777.78	21800	1.20	KAF 127 W022000-4
31500	6	15750.00	21800	1.20	KAF 127 W022000-4
40000	5	20000.00	21800	1.20	KAF 127 W022000-4
50000	4	25000.00	21800	1.20	KAF 127 W022000-4
63000	3	31500.00	21800	1.20	KAF 127 W022000-4
80000	2	40000.00	21800	1.20	KAF 127 W022000-4
100000	2	50000.00	21800	1.20	KAF 127 W022000-4
125000	2	62500.00	21800	1.20	KAF 127 W022000-4
160000	2	80000.00	21800	1.20	KAF 127 W022000-4
200000	2	100000.00	21800	1.20	KAF 127 W022000-4
250000	2	125000.00	21800	1.20	KAF 127 W022000-4
315000	2	157500.00	21800	1.20	KAF 127 W022000-4
400000	2	200000.00	21800	1.20	KAF 127 W022000-4
500000	2	250000.00	21800	1.20	KAF 127 W022000-4
630000	2	315000.00	21800	1.20	KAF 127 W022000-4
800000	2	400000.00	21800	1.20	KAF 127 W022000-4
1000000	2	500000.00	21800	1.20	KAF 127 W022000-4
1250000	2	625000.00	21800	1.20	KAF 127 W022000-4
1600000	2	800000.00	21800	1.20	KAF 127 W022000-4
2000000	2	1000000.00	21800	1.20	KAF 127 W022000-4
2500000	2	1250000.00	21800	1.20	KAF 127 W022000-4
3150000	2	1575000.00	21800	1.20	KAF 127 W022000-4
4000000	2	2000000.00	21800	1.20	KAF 127 W022000-4
5000000	2	2500000.00	21800	1.20	KAF 127 W022000-4
6300000	2	3150000.00	21800	1.20	KAF 127 W022000-4
8000000	2	4000000.00	21800	1.20	KAF 127 W022000-4
10000000	2	5000000.00	21800	1.20	KAF 127 W022000-4
12500000	2	6250000.00	21800	1.20	KAF 127 W022000-4
16000000	2	8000000.00	21800	1.20	KAF 127 W022000-4
20000000	2	10000000.00	21800	1.20	KAF 127 W022000-4
25000000	2	12500000.00	21800	1.20	KAF 127 W022000-4
31500000	2	15750000.00	21800	1.20	KAF 127 W022000-4
40000000	2	20000000.00	21800	1.20	KAF 127 W022000-4
50000000	2	25000000.00	21800	1.20	KAF 127 W022000-4
63000000	2	31500000.00	21800	1.20	KAF 127 W022000-4
80000000	2	40000000.00	21800	1.20	KAF 127 W022000-4
100000000	2	50000000.00	21800	1.20	KAF 127 W022000-4
125000000	2	62500000.00	21800	1.20	KAF 127 W022000-4
160000000	2	80000000.00	21800	1.20	KAF 127 W022000-4
200000000	2	100000000.00	21800	1.20	KAF 127 W022000-4
250000000	2	125000000.00	21800	1.20	KAF 127 W022000-4
315000000	2	157500000.00	21800	1.20	KAF 127 W022000-4
400000000	2	200000000.00	21800	1.20	KAF 127 W022000-4
500000000	2	250000000.00	21800	1.20	KAF 127 W022000-4
630000000	2	315000000.00	21800	1.20	KAF 127 W022000-4
800000000	2	400000000.00	21800	1.20	KAF 127 W022000-4
1000000000	2	500000000.00	21800	1.20	KAF 127 W022000-4
1250000000	2	625000000.00	21800	1.20	KAF 127 W022000-4
1600000000	2	800000000.00	21800	1.20	KAF 127 W022000-4
2000000000	2	1000000000.00	21800	1.20	KAF 127 W022000-4
2500000000	2	1250000000.00	21800	1.20	KAF 127 W022000-4
3150000000	2	1575000000.00	21800	1.20	KAF 127 W022000-4
4000000000	2	2000000000.00	21800	1.20	KAF 127 W022000-4
5000000000	2	2500000000.00	21800	1.20	KAF 127 W022000-4
6300000000	2	3150000000.00	21800	1.20	KAF 127 W022000-4
8000000000	2	4000000000.00	21800	1.20	KAF 127 W022000-4
10000000000	2	5000000000.00	21800	1.20	KAF 127 W022000-4
12500000000	2	6250000000.00	21800	1.20	KAF 127 W022000-4
16000000000	2	8000000000.00	21800	1.20	KAF 127 W022000-4
20000000000	2	10000000000.00	21800	1.20	KAF 127 W022000-4
25000000000	2	12500000000.00	21800	1.20	KAF 127 W022000-4
31500000000	2	15750000000.00	21800	1.20	KAF 127 W022000-4
40000000000	2	20000000000.00	21800	1.20	KAF 127 W022000-4
50000000000	2	25000000000.00	21800	1.20	KAF 127 W022000-4
63000000000	2	31500000000.00	21800	1.20	KAF 127 W022000-4
80000000000	2	40000000000.00	21800	1.20	KAF 127 W022000-4
100000000000	2	50000000000.00	21800	1.20	KAF 127 W022000-4
125000000000	2	62500000000.00	21800	1.20	KAF 127 W022000-4
160000000000	2	80000000000.00	21800	1.20	KAF 127 W022000-4
200000000000	2	100000000000.00	21800	1.20	KAF 127 W022000-4
250000000000	2	125000000000.00	21800	1.20	KAF 127 W022000-4
315000000000	2	157500000000.00	21800	1.20	KAF 127 W022000-4
400000000000	2	200000000000.00	21800	1.20	KAF 127 W022000-4
500000000000	2	250000000000.00	21800	1.20	KAF 127 W022000-4
630000000000	2	315000000000.00	21800	1.20	KAF 127 W022000-4
800000000000	2	400000000000.00	21800	1.20	KAF 127 W022000-4
1000000000000	2	500000000000.00	21800	1.20	KAF 127 W022000-4
1250000000000	2	625000000000.00	21800	1.20	KAF 127 W022000-4
1600000000000	2	800000000000.00	21800	1.20	KAF 127 W022000-4
2000000000000	2	1000000000000.00	21800	1.20	KAF 127 W022000-4
2500000000000	2	1250000000000.00	21800	1.20	KAF 127 W022000-4
3150000000000	2	1575000000000.00	21800	1.20	KAF 127 W022000-4
4000000000000	2	2000000000000.00	21800	1.20	KAF 127 W022000-4
5000000000000	2	2500000000000.00	21800	1.20	KAF 127 W022000-4
6300000000000	2	3150000000000.00	21800	1.20	KAF 127 W022000-4
8000000000000	2	4000000000000.00	21800	1.20	KAF 127 W022000-4
10000000000000	2	5000000000000.00	21800	1.20	KAF 127 W022000-4
12500000000000	2	6250000000000.00	21800	1.20	KAF 127 W022000-4
16000000000000	2	8000000000000.00	21800	1.20	KAF 127 W022000-4
20000000000000	2	10000000000000.00	21800	1.20	KAF 127 W022000-4
25000000000000	2	12500000000000.00	21800	1.20	KAF 127 W022000-4
31500000000000	2	15750000000000.00	21800	1.20	KAF 127 W022000-4
40000000000000	2	20000000000000.00	21800	1.20	KAF 127 W022000-4
50000000000000	2	25000000000000.00	21800	1.20	KAF 127 W022000-4
63000000000000	2	31500000000000.00	21800	1.20	KAF 127 W022000-4
80000000000000	2	40000000000000.00	21800	1.20	KAF 127 W022000-4
100000000000000	2	50000000000000.00	21800	1.20	KAF 127 W022000-4
125000000000000	2	62500000000000.00	21800	1.20	KAF 127 W022000-4
160000000000000	2	80000000000000.00	21800	1.20	KAF 127 W022000-4
200000000000000	2	100000000000000.00	21800	1.20	KAF 127 W022000-4
250000000000000	2	125000000000000.00	21800	1.20	KAF 127 W022000-4
315000000000000	2	157500000000000.00	21800	1.20	KAF 127 W022000-4
400000000000000	2	200000000000000.00	21800	1.20	KAF 127 W022000-4
500000000000000	2	250000000000000.00	21800	1.20	KAF 127 W022000-4
630000000000000	2	315000000000000.00	21800	1.20	KAF 127 W022000-4
800000000000000	2	400000000000000.00	21800	1.20	KAF 127 W022000-4
1000000000000000	2	500000000000000.00	21800	1.20	KAF 127 W022000-4
1250000000000000	2	625000000000000.00	21800	1.20	KAF 127 W022000-4
1600000000000000	2	800000000000000.00	21800	1.20	KAF 127 W022000-4
2000000000000000	2	1000000000000000.00	21800	1.20	KAF 127 W022000-4
2500000000000000	2	1250000000000000.00	21800	1.20	KAF 127 W022000-4
3150000000000000	2	1575000000000000.00	21800	1.20	KAF 127 W022000-4
4000000000000000	2	2000000000000000.00	21800	1.20	KAF 127 W022000-4
5000000000000000	2	2500000000000000.00	21800	1.2	



输出 转速 Output speed n_2 [r/min]	输出 转矩 Output torque M_2 [N·m]	传动 比 Ratio i	额定 功率 Permitted output power P_2 [kW]	减速 倍数 Service factor K	机型号 Model	输出 转速 Output speed n_2 [r/min]	输出 转矩 Output torque M_2 [N·m]	传动 比 Ratio i	额定 功率 Permitted output power P_2 [kW]	减速 倍数 Service factor K	机型号 Model
60kW						100kW					
15	89100	102.36	102300	0.85	K 10T	28	24800	52.28	714000	0.85	K 10T
17	81710	66.86	102300	1.00		31	48800	35.52	714000	1.25	
20	68560	55.71	102300	1.25		35	33200	29.42	714000	1.45	
25	55100	44.56	102300	1.50		40	24700	21.92	714000	1.75	
30	46440	37.13	102300	1.75		45	17500	18.18	714000	2.00	
35	40440	32.57	102300	2.00	K 10T	50	15200	16.36	89000	1.25	K 10T
40	35440	28.01	102300	2.25		55	13200	14.55	89000	1.45	
45	31440	24.45	102300	2.50		60	11800	12.73	89000	1.75	
50	28440	21.89	102300	2.75		65	10500	11.36	89000	2.00	
55	25440	19.33	102300	3.00		70	9500	10.27	89000	2.25	
60	22440	16.77	102300	3.25	K 10T	80	8200	8.89	89000	2.50	K 10T
65	19440	14.21	102300	3.50		90	7200	7.82	89000	2.75	
70	17440	12.65	102300	3.75		100	6200	6.82	89000	3.00	
75	15440	11.09	102300	4.00		110	5500	6.05	89000	3.25	
80	13440	9.53	102300	4.25		120	4800	5.33	89000	3.50	
85	12440	8.77	102300	4.50	K 15T	130	4200	4.76	89000	3.75	K 15T
90	11440	7.99	102300	4.75		140	3700	4.29	89000	4.00	
95	10440	7.23	102300	5.00		150	3200	3.86	89000	4.25	
100	9440	6.47	102300	5.25		160	2800	3.44	89000	4.50	
105	8440	5.71	102300	5.50		170	2400	3.03	89000	4.75	
110	7440	4.95	102300	5.75	K 15T	180	2100	2.67	89000	5.00	K 15T
115	6440	4.19	102300	6.00		190	1800	2.31	89000	5.25	
120	5440	3.43	102300	6.25		200	1600	2.00	89000	5.50	
125	4440	2.67	102300	6.50		210	1400	1.78	89000	5.75	
130	3440	1.91	102300	6.75		220	1200	1.57	89000	6.00	
135	2440	1.15	102300	7.00	K 20T	230	1100	1.39	89000	6.25	K 20T
140	1440	0.39	102300	7.25		240	1000	1.21	89000	6.50	
145	1340	0.35	102300	7.50		250	900	1.04	89000	6.75	
150	1240	0.31	102300	7.75		260	800	0.91	89000	7.00	
155	1140	0.27	102300	8.00		270	700	0.79	89000	7.25	
160	1040	0.23	102300	8.25	K 25T	280	600	0.68	89000	7.50	K 25T
165	940	0.19	102300	8.50		290	550	0.61	89000	7.75	
170	840	0.17	102300	8.75		300	500	0.54	89000	8.00	
175	740	0.15	102300	9.00		310	450	0.48	89000	8.25	
180	640	0.13	102300	9.25		320	400	0.42	89000	8.50	
185	540	0.11	102300	9.50	K 30T	330	350	0.37	89000	8.75	K 30T
190	440	0.09	102300	9.75		340	300	0.32	89000	9.00	
195	340	0.07	102300	10.00		350	250	0.27	89000	9.25	
200	240	0.05	102300	10.25		360	200	0.23	89000	9.50	
205	140	0.03	102300	10.50		370	150	0.19	89000	9.75	
210	130	0.02	102300	10.75	K 35T	380	140	0.17	89000	10.00	K 35T
215	120	0.02	102300	11.00		390	130	0.15	89000	10.25	
220	110	0.01	102300	11.25		400	120	0.13	89000	10.50	
225	100	0.01	102300	11.50		410	110	0.11	89000	10.75	
230	90	0.01	102300	11.75		420	100	0.10	89000	11.00	
235	80	0.01	102300	12.00	K 40T	430	90	0.09	89000	11.25	K 40T
240	70	0.01	102300	12.25		440	80	0.08	89000	11.50	
245	60	0.01	102300	12.50		450	70	0.07	89000	11.75	
250	50	0.01	102300	12.75		460	60	0.06	89000	12.00	
255	40	0.01	102300	13.00		470	50	0.05	89000	12.25	
260	30	0.01	102300	13.25	K 45T	480	40	0.04	89000	12.50	K 45T
265	20	0.01	102300	13.50		490	30	0.03	89000	12.75	
270	10	0.01	102300	13.75		500	20	0.02	89000	13.00	
275	5	0.01	102300	14.00		510	10	0.01	89000	13.25	
280	0	0.01	102300	14.25		520	0	0.01	89000	13.50	
285	0	0.01	102300	14.50	K 50T	530	0	0.01	89000	13.75	K 50T
290	0	0.01	102300	14.75		540	0	0.01	89000	14.00	
295	0	0.01	102300	15.00		550	0	0.01	89000	14.25	
300	0	0.01	102300	15.25		560	0	0.01	89000	14.50	
305	0	0.01	102300	15.50		570	0	0.01	89000	14.75	
310	0	0.01	102300	15.75	K 55T	580	0	0.01	89000	15.00	K 55T
315	0	0.01	102300	16.00		590	0	0.01	89000	15.25	
320	0	0.01	102300	16.25		600	0	0.01	89000	15.50	
325	0	0.01	102300	16.50		610	0	0.01	89000	15.75	
330	0	0.01	102300	16.75		620	0	0.01	89000	16.00	
335	0	0.01	102300	17.00	K 60T	630	0	0.01	89000	16.25	K 60T
340	0	0.01	102300	17.25		640	0	0.01	89000	16.50	
345	0	0.01	102300	17.50		650	0	0.01	89000	16.75	
350	0	0.01	102300	17.75		660	0	0.01	89000	17.00	
355	0	0.01	102300	18.00		670	0	0.01	89000	17.25	
360	0	0.01	102300	18.25	K 65T	680	0	0.01	89000	17.50	K 65T
365	0	0.01	102300	18.50		690	0	0.01	89000	17.75	
370	0	0.01	102300	18.75		700	0	0.01	89000	18.00	
375	0	0.01	102300	19.00		710	0	0.01	89000	18.25	
380	0	0.01	102300	19.25		720	0	0.01	89000	18.50	
385	0	0.01	102300	19.50	K 70T	730	0	0.01	89000	18.75	K 70T
390	0	0.01	102300	19.75		740	0	0.01	89000	19.00	
395	0	0.01	102300	20.00		750	0	0.01	89000	19.25	
400	0	0.01	102300	20.25		760	0	0.01	89000	19.50	
405	0	0.01	102300	20.50		770	0	0.01	89000	19.75	
410	0	0.01	102300	20.75	K 75T	780	0	0.01	89000	20.00	K 75T
415	0	0.01	102300	21.00		790	0	0.01	89000	20.25	
420	0	0.01	102300	21.25		800	0	0.01	89000	20.50	
425	0	0.01	102300	21.50		810	0	0.01	89000	20.75	
430	0	0.01	102300	21.75		820	0	0.01	89000	21.00	
435	0	0.01	102300	22.00	K 80T	830	0	0.01	89000	21.25	K 80T
440	0	0.01	102300	22.25		840	0	0.01	89000	21.50	
445	0	0.01	102300	22.50		850	0	0.01	89000	21.75	
450	0	0.01	102300	22.75		860	0	0.01	89000	22.00	
455	0	0.01	102300	23.00		870	0	0.01	89000	22.25	
460	0	0.01	102300	23.25	K 85T	880	0	0.01	89000	22.50	K 85T
465	0	0.01	102300	23.50		890	0	0.01	89000	22.75	
470	0	0.01	102300	23.75		900	0	0.01	89000	23.00	
475	0	0.01	102300	24.00		910	0	0.01	89000	23.25	
480	0	0.01	102300	24.25		920	0	0.01	89000	23.50	
485	0	0.01	102300	24.50	K 90T	930	0	0.01	89000	23.75	K 90T
490	0	0.01	102300	24.75		940	0	0.01	89000	24.00	
495	0	0.01	102300	25.00		950	0	0.01	89000	24.25	
500	0	0.01	102300	25.25		960	0	0.01	89000	24.50	
505	0	0.01	102300	25.50		970	0	0.01	89000	24.75	
510	0	0.01	102300	25.75	K 95T	980	0	0.01	89000	25.00	K 95T
515	0	0.01	102300	26.00		990	0	0.01	89000	25.25	
520	0	0.01	102300	26.25		1000	0	0.01	89000	25.50	
525	0	0.01	102300	26.50		1010	0	0.01	89000	25.75	
530	0	0.01	102300	26.75		1020	0	0.01	89000	26.00	
535	0	0.01	102300	27.00	K 100T	1030	0	0.01	89000	26.25	K 100T
540	0	0.01	102300	27.25		1040	0	0.01	89000	26.50	
545	0	0.01	102300	27.50		1050	0	0.01	89000	26.75	
550	0	0.01	102300	27.75		1060	0	0.01	89000	27.00	
555	0	0.01	102300	28.00		1070	0	0.01	89000	27.25	
560	0	0.01	102300	28.25	K 105T	1080	0	0.01	89000	27.50	K 105T
565	0	0.01	102300	28.50		1090	0	0.01	89000	27.75	
570	0	0.01	102300	28.75		1100	0	0.01	89000	28.00	
575	0	0.01	102300	29.00		1110	0	0.01	89000	28.25	
580	0	0.01	102300	29.25		1120	0	0.01	89000	28.50	
585	0	0.01	102300	29.50	K 110T	1130	0	0.01	89000	28.75	K 110T
590	0	0.01	102300	29.75		1140	0	0.01	89000	29.00	
595	0	0.01	102300	30.00		1150	0	0.01	89000	29.25	
600	0	0.01	102300	30.25		1160	0	0.01	89000	29.50	
605	0	0.01	102300	30.50		1170	0	0.01	89000	29.75	
610	0	0.01	102300	30.75	K 115T	1180	0	0.01	89000	30.00	K 115T
615	0	0.01	102300	31.00		1190	0	0.01	89000	30.25	
620	0	0.01	102300	31.25		1200	0	0.01	89000		

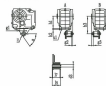


型号 Size	B D	a D	a1 D1	a2 D2	h1 H2	J	K	W H	轴伸尺寸 Shaft dimension				
									d	l	l1 L2	S	U
K27 KA27B	118	180	32	108	53	18	11	37	28x8	80	5	8F10	28
K37 KA37B	138	180	32	128	53	18	11	37	38x8	80	5.5	8F10	33
K47 KA47B	158	180	45	138	53	21	13.5	43	38x8	70	7	8F12	38
K57 KA57B	158	172	38	148	53	24	13.5	43	48x8	80	8	8F16	43
K67 KA67B	158	157	88	158	90	24	13.5	45	48x8	80	8	8F16	43
K77 KA77B	208	283	55	188	112	27	17.5	55	58x8	180	10	8F18	53.5
K87 KA87B	208	283	55	188	112	27	17.5	55	58x8	180	10	8F18	53.5
K97 KA97B	258	385	78	218	130	32	22	87	80x8	190	8	8F20	64
K107 KA107B	258	385	78	218	130	32	22	87	80x8	190	8	8F20	64
K127 KA127B	358	448	95	318	208	40	33	108	90x8	170	8	8F24	98
K137 KA137B	358	448	95	318	208	40	33	108	90x8	170	8	8F24	98
K147 KA147B	428	528	118	378	228	45	39	111	110x8	210	10	8F24	118
K157 KA157B	428	528	118	378	228	45	39	111	110x8	210	10	8F24	118

KA27/T...KA187



L 30/7-818/T

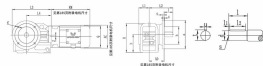


型号 Size	空心轴尺寸 Hollow shaft dimension								H	L1 L2	L3	N	Q
	d1	D1	d2	D2	d3	D3	d4	D4					
K27 KA27B	-	-	-	-	-	-	-	-	185	110	136	6.5	120
K37 KA37B	38	60	78	100	112	132	142	162	26.3	135	166	7.2	180
K47 KA47B	48	68	86	108	120	140	150	170	43.3	152	173	13.1	180
K57 KA57B	48	68	86	108	120	140	150	170	43.3	152	173	13.1	180
K67 KA67B	58	78	96	118	130	150	160	180	53.8	171	192	20	180
K77 KA77B	68	88	106	128	140	160	170	190	64.4	190	202	31.3	280
K87 KA87B	68	88	106	128	140	160	170	190	64.4	190	202	31.3	280
K97 KA97B	78	98	116	138	150	170	180	200	74.9	211	217	32.3	380
K107 KA107B	78	98	116	138	150	170	180	200	74.9	211	217	32.3	380
K127 KA127B	118	138	156	178	190	210	220	240	95.4	247	253	52	480
K137 KA137B	118	138	156	178	190	210	220	240	95.4	247	253	52	480
K147 KA147B	138	158	176	198	210	230	240	260	108.4	268	274	63	480
K157 KA157B	138	158	176	198	210	230	240	260	108.4	268	274	63	480

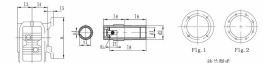


型号 Size	A D	B F	C G	H	K M	P N	空心轴尺寸 Hollow shaft dimension				基座尺寸 Torque arm base				H L ₁	N Q
							d d ₁	L ₁ L ₁	L ₂ L ₂	L ₃ L ₃	d ₁ d ₁	L ₄ L ₄	L ₅ L ₅	L ₆ L ₆		
KA 37- K 37/T	66 35 82	180 147 97	180-85	M18 4	12 M8	38° 45	63 60 2.8	88 17 106	M10 33.3 8	23.5 20 20	106... 18 142H	10.4... 31 36... 60°	22.5 M18K25 138	164 210 138	8.5 128	
KA 47- K 47/T	78 48 100	110 179 115	110-85	M10 4	12 M8	38° 56	78 75 3	78 22 132	M12 38.3 18	30 12 20	112... 168H	10.4... 35... 55°	22.5 M18K38 166	188 243 166	7.2 160	
KA 57- K 57/T	88 47 105	122 182 128	132-85	M12 5	20 M12	40° 56	88 83 3	83 29 142	M16 43.3 12	40 18 18	132... 192H	16.4... 60... 55°	29 M12K38 173	215 268 173	13.1 160	
KA 67- K 67/T	86 42 110	130 182 125	140-85	M12 5	20 M12	40° 55	84 80 3.5	90 29 156	M18 43.3 12	45 25 25	140... 200H	16.4... 60... 55°	29 M12K38 178	228 274 178	20 160	
KA 77- K 77/T	182 46 122	154 204 138	180-85	M18 6	20 M12	50° 76	108 105 4	185 32 183	M18 53.8 14	52.5 25 25	180... 250H	16.4... 60... 60°	29 M18K48 202	286 312 202	31.3 200	
KA 87- K 87/T	118 85 168	170 260 190	212-85	M18 6	28 M16	60° 85	123 120 4	133 35 18	M20 64.4 30	60 16 30	212... 300H	25... 80... 60°	41 M18K48 257	338 390 257	25.9 250	
KA 97- K 97/T	160 83 165	228 288 190	286-1	M20 6	26 M16	70° 95	153 160 4	150 34 270	M20 78 20	78 17 48	285... 350H	25... 100... 55°	41 M20K58 277	414 438 277	32.3 300	
KA 127- K 127/T	190 100 190	288 378 238	315-1	M24 6	- 118	90° 118	178 178 2.5	175 48 313	M24 95.4 25	74 45 45	315... 450H	25... 100... 55°	41 M24K88 361	500 537 361	52 360	

KF37...-KF157...



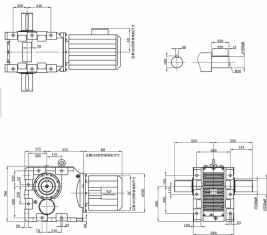
KAF37...-KAF157...

法兰形式
Flange form

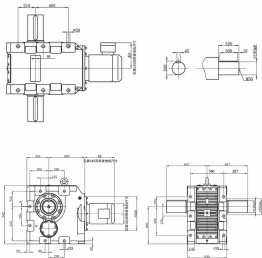
型号 Size	A D	B F	C G	H	K M	P N	d	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	L ₉	L ₁₀	L ₁₁	L ₁₂	L ₁₃	L ₁₄	L ₁₅	L ₁₆	L ₁₇	L ₁₈	L ₁₉	L ₂₀	L ₂₁	L ₂₂	L ₂₃	L ₂₄	L ₂₅	L ₂₆	L ₂₇	L ₂₈	L ₂₉	L ₃₀	L ₃₁	L ₃₂	L ₃₃	L ₃₄	L ₃₅	L ₃₆	L ₃₇	L ₃₈	L ₃₉	L ₄₀	L ₄₁	L ₄₂	L ₄₃	L ₄₄	L ₄₅	L ₄₆	L ₄₇	L ₄₈	L ₄₉	L ₅₀	L ₅₁	L ₅₂	L ₅₃	L ₅₄	L ₅₅	L ₅₆	L ₅₇	L ₅₈	L ₅₉	L ₆₀	L ₆₁	L ₆₂	L ₆₃	L ₆₄	L ₆₅	L ₆₆	L ₆₇	L ₆₈	L ₆₉	L ₇₀	L ₇₁	L ₇₂	L ₇₃	L ₇₄	L ₇₅	L ₇₆	L ₇₇	L ₇₈	L ₇₉	L ₈₀	L ₈₁	L ₈₂	L ₈₃	L ₈₄	L ₈₅	L ₈₆	L ₈₇	L ₈₈	L ₈₉	L ₉₀	L ₉₁	L ₉₂	L ₉₃	L ₉₄	L ₉₅	L ₉₆	L ₉₇	L ₉₈	L ₉₉	L ₁₀₀	L ₁₀₁	L ₁₀₂	L ₁₀₃	L ₁₀₄	L ₁₀₅	L ₁₀₆	L ₁₀₇	L ₁₀₈	L ₁₀₉	L ₁₁₀	L ₁₁₁	L ₁₁₂	L ₁₁₃	L ₁₁₄	L ₁₁₅	L ₁₁₆	L ₁₁₇	L ₁₁₈	L ₁₁₉	L ₁₂₀	L ₁₂₁	L ₁₂₂	L ₁₂₃	L ₁₂₄	L ₁₂₅	L ₁₂₆	L ₁₂₇	L ₁₂₈	L ₁₂₉	L ₁₃₀	L ₁₃₁	L ₁₃₂	L ₁₃₃	L ₁₃₄	L ₁₃₅	L ₁₃₆	L ₁₃₇	L ₁₃₈	L ₁₃₉	L ₁₄₀	L ₁₄₁	L ₁₄₂	L ₁₄₃	L ₁₄₄	L ₁₄₅	L ₁₄₆	L ₁₄₇	L ₁₄₈	L ₁₄₉	L ₁₅₀	L ₁₅₁	L ₁₅₂	L ₁₅₃	L ₁₅₄	L ₁₅₅	L ₁₅₆	L ₁₅₇	L ₁₅₈	L ₁₅₉	L ₁₆₀	L ₁₆₁	L ₁₆₂	L ₁₆₃	L ₁₆₄	L ₁₆₅	L ₁₆₆	L ₁₆₇	L ₁₆₈	L ₁₆₉	L ₁₇₀	L ₁₇₁	L ₁₇₂	L ₁₇₃	L ₁₇₄	L ₁₇₅	L ₁₇₆	L ₁₇₇	L ₁₇₈	L ₁₇₉	L ₁₈₀	L ₁₈₁	L ₁₈₂	L ₁₈₃	L ₁₈₄	L ₁₈₅	L ₁₈₆	L ₁₈₇	L ₁₈₈	L ₁₈₉	L ₁₉₀	L ₁₉₁	L ₁₉₂	L ₁₉₃	L ₁₉₄	L ₁₉₅	L ₁₉₆	L ₁₉₇	L ₁₉₈	L ₁₉₉	L ₂₀₀	L ₂₀₁	L ₂₀₂	L ₂₀₃	L ₂₀₄	L ₂₀₅	L ₂₀₆	L ₂₀₇	L ₂₀₈	L ₂₀₉	L ₂₁₀	L ₂₁₁	L ₂₁₂	L ₂₁₃	L ₂₁₄	L ₂₁₅	L ₂₁₆	L ₂₁₇	L ₂₁₈	L ₂₁₉	L ₂₂₀	L ₂₂₁	L ₂₂₂	L ₂₂₃	L ₂₂₄	L ₂₂₅	L ₂₂₆	L ₂₂₇	L ₂₂₈	L ₂₂₉	L ₂₃₀	L ₂₃₁	L ₂₃₂	L ₂₃₃	L ₂₃₄	L ₂₃₅	L ₂₃₆	L ₂₃₇	L ₂₃₈	L ₂₃₉	L ₂₄₀	L ₂₄₁	L ₂₄₂	L ₂₄₃	L ₂₄₄	L ₂₄₅	L ₂₄₆	L ₂₄₇	L ₂₄₈	L ₂₄₉	L ₂₅₀	L ₂₅₁	L ₂₅₂	L ₂₅₃	L ₂₅₄	L ₂₅₅	L ₂₅₆	L ₂₅₇	L ₂₅₈	L ₂₅₉	L ₂₆₀	L ₂₆₁	L ₂₆₂	L ₂₆₃	L ₂₆₄	L ₂₆₅	L ₂₆₆	L ₂₆₇	L ₂₆₈	L ₂₆₉	L ₂₇₀	L ₂₇₁	L ₂₇₂	L ₂₇₃	L ₂₇₄	L ₂₇₅	L ₂₇₆	L ₂₇₇	L ₂₇₈	L ₂₇₉	L ₂₈₀	L ₂₈₁	L ₂₈₂	L ₂₈₃	L ₂₈₄	L ₂₈₅	L ₂₈₆	L ₂₈₇	L ₂₈₈	L ₂₈₉	L ₂₉₀	L ₂₉₁	L ₂₉₂	L ₂₉₃	L ₂₉₄	L ₂₉₅	L ₂₉₆	L ₂₉₇	L ₂₉₈	L ₂₉₉	L ₃₀₀	L ₃₀₁	L ₃₀₂	L ₃₀₃	L ₃₀₄	L ₃₀₅	L ₃₀₆	L ₃₀₇	L ₃₀₈	L ₃₀₉	L ₃₁₀	L ₃₁₁	L ₃₁₂	L ₃₁₃	L ₃₁₄	L ₃₁₅	L ₃₁₆	L ₃₁₇	L ₃₁₈	L ₃₁₉	L ₃₂₀	L ₃₂₁	L ₃₂₂	L ₃₂₃	L ₃₂₄	L ₃₂₅	L ₃₂₆	L ₃₂₇	L ₃₂₈	L ₃₂₉	L ₃₃₀	L ₃₃₁	L ₃₃₂	L ₃₃₃	L ₃₃₄	L ₃₃₅	L ₃₃₆	L ₃₃₇	L ₃₃₈	L ₃₃₉	L ₃₄₀	L ₃₄₁	L ₃₄₂	L ₃₄₃	L ₃₄₄	L ₃₄₅	L ₃₄₆	L ₃₄₇	L ₃₄₈	L ₃₄₉	L ₃₅₀	L ₃₅₁	L ₃₅₂	L ₃₅₃	L ₃₅₄	L ₃₅₅	L ₃₅₆	L ₃₅₇	L ₃₅₈	L ₃₅₉	L ₃₆₀	L ₃₆₁	L ₃₆₂	L ₃₆₃	L ₃₆₄	L ₃₆₅	L ₃₆₆	L ₃₆₇	L ₃₆₈	L ₃₆₉	L ₃₇₀	L ₃₇₁	L ₃₇₂	L ₃₇₃	L ₃₇₄	L ₃₇₅	L ₃₇₆	L ₃₇₇	L ₃₇₈	L ₃₇₉	L ₃₈₀	L ₃₈₁	L ₃₈₂	L ₃₈₃	L ₃₈₄	L ₃₈₅	L ₃₈₆	L ₃₈₇	L ₃₈₈	L ₃₈₉	L ₃₉₀	L ₃₉₁	L ₃₉₂	L ₃₉₃	L ₃₉₄	L ₃₉₅	L ₃₉₆	L ₃₉₇	L ₃₉₈	L ₃₉₉	L ₄₀₀	L ₄₀₁	L ₄₀₂	L ₄₀₃	L ₄₀₄	L ₄₀₅	L ₄₀₆	L ₄₀₇	L ₄₀₈	L ₄₀₉	L ₄₁₀	L ₄₁₁	L ₄₁₂	L ₄₁₃	L ₄₁₄	L ₄₁₅	L ₄₁₆	L ₄₁₇	L ₄₁₈	L ₄₁₉	L ₄₂₀	L ₄₂₁	L ₄₂₂	L ₄₂₃	L ₄₂₄	L ₄₂₅	L ₄₂₆	L ₄₂₇	L ₄₂₈	L ₄₂₉	L ₄₃₀	L ₄₃₁	L ₄₃₂	L ₄₃₃	L ₄₃₄	L ₄₃₅	L ₄₃₆	L ₄₃₇	L ₄₃₈	L ₄₃₉	L ₄₄₀	L ₄₄₁	L ₄₄₂	L ₄₄₃	L ₄₄₄	L ₄₄₅	L ₄₄₆	L ₄₄₇	L ₄₄₈	L ₄₄₉	L ₄₅₀	L ₄₅₁	L ₄₅₂	L ₄₅₃	L ₄₅₄	L ₄₅₅	L ₄₅₆	L ₄₅₇	L ₄₅₈	L ₄₅₉	L ₄₆₀	L ₄₆₁	L ₄₆₂	L ₄₆₃	L ₄₆₄	L ₄₆₅	L ₄₆₆	L ₄₆₇	L ₄₆₈	L ₄₆₉	L ₄₇₀	L ₄₇₁	L ₄₇₂	L ₄₇₃	L ₄₇₄	L ₄₇₅	L ₄₇₆	L ₄₇₇	L ₄₇₈	L ₄₇₉	L ₄₈₀	L ₄₈₁	L ₄₈₂	L ₄₈₃	L ₄₈₄	L ₄₈₅	L ₄₈₆	L ₄₈₇	L ₄₈₈	L ₄₈₉	L ₄₉₀	L ₄₉₁	L ₄₉₂	L ₄₉₃	L ₄₉₄	L ₄₉₅	L ₄₉₆	L ₄₉₇	L ₄₉₈	L ₄₉₉	L ₅₀₀	L ₅₀₁	L ₅₀₂	L ₅₀₃	L ₅₀₄	L ₅₀₅	L ₅₀₆	L ₅₀₇	L ₅₀₈	L ₅₀₉	L ₅₁₀	L ₅₁₁	L ₅₁₂	L ₅₁₃	L ₅₁₄	L ₅₁₅	L ₅₁₆	L ₅₁₇	L ₅₁₈	L ₅₁₉	L ₅₂₀	L ₅₂₁	L ₅₂₂	L ₅₂₃	L ₅₂₄	L ₅₂₅	L ₅₂₆	L ₅₂₇	L ₅₂₈	L ₅₂₉	L ₅₃₀	L ₅₃₁	L ₅₃₂	L ₅₃₃	L ₅₃₄	L ₅₃₅	L ₅₃₆	L ₅₃₇	L ₅₃₈	L ₅₃₉	L ₅₄₀	L ₅₄₁	L ₅₄₂	L ₅₄₃	L ₅₄₄	L ₅₄₅	L ₅₄₆	L ₅₄₇	L ₅₄₈	L ₅₄₉	L ₅₅₀	L ₅₅₁	L ₅₅₂	L ₅₅₃	L ₅₅₄	L ₅₅₅	L ₅₅₆	L ₅₅₇	L ₅₅₈	L ₅₅₉	L ₅₆₀	L ₅₆₁	L ₅₆₂	L ₅₆₃	L ₅₆₄	L ₅₆₅	L ₅₆₆	L ₅₆₇	L ₅₆₈	L ₅₆₉	L ₅₇₀	L ₅₇₁	L ₅₇₂	L ₅₇₃	L ₅₇₄	L ₅₇₅	L ₅₇₆	L ₅₇₇	L ₅₇₈	L ₅₇₉	L ₅₈₀	L ₅₈₁	L ₅₈₂	L ₅₈₃	L ₅₈₄	L ₅₈₅	L ₅₈₆	L ₅₈₇	L ₅₈₈	L ₅₈₉	L ₅₉₀	L ₅₉₁	L ₅₉₂	L ₅₉₃	L ₅₉₄	L ₅₉₅	L ₅₉₆	L ₅₉₇	L ₅₉₈	L ₅₉₉	L ₆₀₀	L ₆₀₁	L ₆₀₂	L ₆₀₃	L ₆₀₄	L ₆₀₅	L ₆₀₆	L ₆₀₇	L ₆₀₈	L ₆₀₉	L ₆₁₀	L ₆₁₁	L ₆₁₂	L ₆₁₃	L ₆₁₄	L ₆₁₅	L ₆₁₆	L ₆₁₇	L ₆₁₈	L ₆₁₉	L ₆₂₀	L ₆₂₁	L ₆₂₂	L ₆₂₃	L ₆₂₄	L ₆₂₅	L ₆₂₆	L ₆₂₇	L ₆₂₈	L ₆₂₉	L ₆₃₀	L ₆₃₁	L ₆₃₂	L ₆₃₃	L ₆₃₄	L ₆₃₅	L ₆₃₆	L ₆₃₇	L ₆₃₈	L ₆₃₉	L ₆₄₀	L ₆₄₁	L ₆₄₂	L ₆₄₃	L ₆₄₄	L ₆₄₅	L ₆₄₆	L ₆₄₇	L ₆₄₈	L ₆₄₉	L ₆₅₀	L ₆₅₁	L ₆₅₂	L ₆₅₃	L ₆₅₄	L ₆₅₅	L ₆₅₆	L ₆₅₇	L ₆₅₈	L ₆₅₉	L ₆₆₀	L ₆₆₁	L ₆₆₂	L ₆₆₃	L ₆₆₄	L ₆₆₅	L ₆₆₆	L ₆₆₇	L ₆₆₈	L ₆₆₉	L ₆₇₀	L ₆₇₁	L ₆₇₂	L ₆₇₃	L ₆₇₄	L ₆₇₅	L ₆₇₆	L ₆₇₇	L ₆₇₈	L ₆₇₉	L ₆₈₀	L ₆₈₁	L ₆₈₂	L ₆₈₃	L ₆₈₄	L ₆₈₅	L ₆₈₆	L ₆₈₇	L ₆₈₈	L ₆₈₉	L ₆₉₀	L ₆₉₁	L ₆₉₂	L ₆₉₃	L ₆₉₄	L ₆₉₅	L ₆₉₆	L ₆₉₇	L ₆₉₈	L ₆₉₉	L ₇₀₀	L ₇₀₁	L ₇₀₂	L ₇₀₃	L ₇₀₄	L ₇₀₅	L ₇₀₆	L ₇₀₇	L ₇₀₈	L ₇₀₉	L ₇₁₀	L ₇₁₁	L ₇₁₂	L ₇₁₃	L ₇₁₄	L ₇₁₅	L ₇₁₆	L ₇₁₇	L ₇₁₈	L ₇₁₉	L ₇₂₀	L ₇₂₁	L ₇₂₂	L ₇₂₃	L ₇₂₄	L ₇₂₅	L ₇₂₆	L ₇₂₇	L ₇₂₈	L ₇₂₉	L ₇₃₀	L ₇₃₁	L ₇₃₂	L ₇₃₃	L ₇₃₄	L ₇₃₅	L ₇₃₆	L ₇₃₇	L ₇₃₈	L ₇₃₉	L ₇₄₀	L ₇₄₁	L ₇₄₂	L ₇₄₃	L ₇₄₄	L ₇₄₅	L ₇₄₆	L ₇₄₇	L ₇₄₈	L ₇₄₉	L ₇₅₀	L ₇₅₁	L ₇₅₂	L ₇₅₃	L ₇₅₄	L ₇₅₅	L ₇₅₆	L ₇₅₇	L ₇₅₈	L ₇₅₉	L ₇₆₀	L ₇₆₁	L ₇₆₂	L ₇₆₃	L ₇₆₄	L ₇₆₅	L ₇₆₆	L ₇₆₇	L ₇₆₈	L ₇₆₉	L ₇₇₀	L ₇₇₁	L ₇₇₂	L ₇₇₃	L ₇₇₄	L ₇₇₅	L ₇₇₆	L ₇₇₇	L ₇₇₈	L ₇₇₉	L ₇₈₀	L ₇₈₁	L ₇₈₂	L ₇₈₃	L ₇₈₄	L ₇₈₅	L ₇₈₆	L ₇₈₇	L ₇₈₈	L ₇₈₉	L ₇₉₀	L ₇₉₁	L ₇₉₂	L ₇₉₃	L ₇₉₄	L ₇₉₅	L ₇₉₆	L ₇₉₇	L ₇₉₈	L ₇₉₉	L ₈₀₀	L ₈₀₁	L ₈₀₂	L ₈₀₃	L ₈₀₄	L ₈₀₅	L ₈₀₆	L ₈₀₇	L ₈₀₈	L ₈₀₉	L ₈₁₀	L ₈₁₁	L ₈₁₂	L ₈₁₃	L ₈₁₄	L ₈₁₅	L ₈₁₆	L ₈₁₇	L ₈₁₈	L ₈₁₉	L ₈₂₀	L ₈₂₁	L ₈₂₂	L ₈₂₃	L ₈₂₄	L ₈₂₅	L ₈₂₆	L ₈₂₇	L ₈₂₈	L ₈₂₉	L ₈₃₀	L ₈₃₁	L ₈₃₂	L ₈₃₃	L ₈₃₄	L ₈₃₅	L ₈₃₆	L ₈₃₇	L ₈₃₈	L ₈₃₉	L ₈₄₀	L ₈₄₁	L ₈₄₂	L ₈₄₃	L ₈₄₄	L ₈₄₅	L ₈₄₆	L ₈₄₇	L ₈₄₈	L ₈₄₉	L ₈₅₀	L ₈₅₁	L ₈₅₂	L ₈₅₃	L ₈₅₄	L ₈₅₅	L ₈₅₆	L ₈₅₇	L ₈₅₈	L ₈₅₉	L ₈₆₀	L ₈₆₁	L ₈₆₂	L ₈₆₃	L ₈₆₄	L ₈₆₅	L ₈₆₆	L ₈₆₇	L ₈₆₈	L ₈₆₉	L ₈₇₀	L ₈₇₁	L ₈₇₂	L ₈₇₃	L ₈₇₄	L ₈₇₅	L ₈₇₆	L ₈₇₇	L ₈₇₈	L ₈₇₉	L ₈₈₀	L ₈₈₁	L ₈₈₂	L ₈₈₃	L ₈₈₄	L ₈₈₅	L ₈₈₆	L ₈₈₇	L ₈₈₈	L ₈₈₉	L ₈₉₀	L ₈₉₁	L ₈₉₂	L ₈₉₃	L ₈₉₄	L ₈₉₅	L ₈₉₆	L ₈₉₇	L ₈₉₈	L ₈₉₉	L ₉₀₀	L ₉₀₁	L ₉₀₂	L ₉₀₃	L ₉₀₄	L ₉₀₅	L ₉₀₆	L ₉₀₇	L ₉₀₈	L ₉₀₉	L ₉₁₀	L ₉₁₁	L ₉₁₂	L ₉₁₃	L ₉₁₄	L ₉₁₅	L ₉₁₆	L ₉₁₇	L ₉₁₈	L ₉₁₉	L ₉₂₀	L ₉₂₁	L ₉₂₂	L ₉₂₃	L ₉₂₄	L ₉₂₅	L ₉₂₆	L ₉₂₇	L ₉₂₈	L ₉₂₉	L ₉₃₀	L ₉₃₁	L ₉₃₂	L ₉₃₃	L ₉₃₄	L ₉₃₅	L ₉₃₆	L ₉₃₇	L ₉₃₈	L ₉₃₉	L ₉₄₀	L ₉₄₁	L ₉₄₂	L ₉₄₃	L ₉₄₄	L ₉₄₅	L ₉₄₆	L ₉₄₇	L ₉₄₈	L ₉₄₉	L ₉₅₀	L ₉₅₁	L ₉₅₂	L ₉₅₃	L ₉₅₄	L ₉₅₅	L ₉₅₆
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KA167..

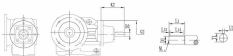


KA187..





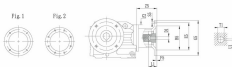
K_AD..



		G2	K2	D1	L1	L13	L14	T1	U1	M
K_37	AD1	102	16	46	4	32	18	5	85	
	AD2	120	130	19	46	4	32	21.5	5	85
K_47 K_57 K_67	AD2	180	123	19	46	4	32	21.5	5	85
	AD3		159	24	55	5	40	27	8	85
K_77	AD2		116	19	40	4	32	21.5	5	85
	AD3	250	191	24	65	5	40	27	8	85
	AD4		224	35	65	5	70	41	10	M12
K_87	AD2		111	19	40	4	32	21.5	5	85
	AD3		156	28	65	5	55	31	8	M10
	AD4		219	38	65	5	70	41	10	M12
	AD5		282	42	115	10	70	45	12	M16
K_97	AD3		181	28	65	5	55	31	8	M10
	AD4	350	214	35	65	5	70	41	10	M12
	AD5		287	42	115	10	70	45	12	M16
	AD6		327	48	115	10	80	51.5	14	M18
K_107	AD3		145	28	65	5	55	31	8	M10
	AD4		235	38	65	5	70	41	10	M12
	AD5	350	285	42	115	10	70	45	12	M16
	AD6		321	48	115	10	80	51.5	14	M18
K_127	AD4		193	38	65	5	70	41	10	M12
	AD5		255	42	115	10	70	45	12	M16
	AD6		305	48	115	10	80	51.5	14	M18
	AD7		355	55	115	10	90	59	15	M20
K_157 K_167 K_187	AD5		383	75	140	15	110	74.5	20	M20
	AD6		298	42	115	10	70	45	12	M16
	AD6		298	48	115	10	80	51.5	14	M18
	AD7		292	55	115	10	90	59	15	M20
	AD8		374	75	140	15	110	74.5	20	M20



K_AM..



			G5	G5	F5	G2	G5	G5	D1	L1	T1	U1		
K_37	AM53	1	95	115	3.5	120	140	80	72	11	23	12.8	4	
	AM71*		110	130			180			14	30	16.3	5	
	AM80*		130	165	4.5		200	M10	106	19	40	21.6	6	
	AM80*							24	50	27.3	8			
K_47 K_57 K_67	AM53	1	95	115	3.5	160	140	80	68	11	23	12.8	4	
	AM71		110	130			180			14	30	16.3	5	
	AM80		130	165	4.5		200	M10	99	19	40	21.6	6	
	AM80							24	50	27.3	8			
K_77	AM100*	1	180	215	5	200	250	M12	134	28	50	31.3	8	
	AM112*													
	AM132S*													
	AM132M*		230	285	5		300	M12	179	38	60	41.3	10	
K_87	AM80	1	130	165	4.5	250	200	M10	87	19	40	21.6	6	
	AM80									24	50	27.3	8	
	AM110		180	215			250			121	28	50	31.3	8
	AM112													
K_97	AM132B	1	230	285	5	250	300	M12		174	38	60	41.3	10
	AM132M													
	AM132ML													
	AM1500*		250	300	6		350	M18	232	42	110	45.3	12	
K_97	AM180*	1	180	215		250	350	M18	232	48	110	51.8	16	
	AM110													
	AM112													
	AM132S		230	285			300	M12	168	38	60	41.3	10	
K_107	AM132M	1	230	285		250	300							
	AM132ML													
	AM180		250	300			350			227	42	110	45.3	12
	AM188													
K_117	AM200*	2	300	350		250	400							
	AM225*		350	400	7		450	M15	266	55		59.3	15	
K_127	AM225*	2	350	400	7	250	450							
K_137	AM225*	2	400	450	8	250	500							
K_147	AM225*	2	450	500	9	250	550							
K_157	AM225*	2	500	550	10	250	600							
K_167	AM225*	2	550	600	11	250	650							
K_177	AM225*	2	600	650	12	250	700							
K_187	AM225*	2	650	700	13	250	750							
K_197	AM225*	2	700	750	14	250	800							
K_207	AM225*	2	750	800	15	250	850							
K_217	AM225*	2	800	850	16	250	900							
K_227	AM225*	2	850	900	17	250	950							
K_237	AM225*	2	900	950	18	250	1000							
K_247	AM225*	2	950	1000	19	250	1050							
K_257	AM225*	2	1000	1050	20	250	1100							
K_267	AM225*	2	1050	1100	21	250	1150							
K_277	AM225*	2	1100	1150	22	250	1200							
K_287	AM225*	2	1150	1200	23	250	1250							
K_297	AM225*	2	1200	1250	24	250	1300							
K_307	AM225*	2	1250	1300	25	250	1350							
K_317	AM225*	2	1300	1350	26	250	1400							
K_327	AM225*	2	1350	1400	27	250	1450							
K_337	AM225*	2	1400	1450	28	250	1500							
K_347	AM225*	2	1450	1500	29	250	1550							
K_357	AM225*	2	1500	1550	30	250	1600							
K_367	AM225*	2	1550	1600	31	250	1650							
K_377	AM225*	2	1600	1650	32	250	1700							
K_387	AM225*	2	1650	1700	33	250	1750							
K_397	AM225*	2	1700	1750	34	250	1800							
K_407	AM225*	2	1750	1800	35	250	1850							
K_417	AM225*	2	1800	1850	36	250	1900							
K_427	AM225*	2	1850	1900	37	250	1950							
K_437	AM225*	2	1900	1950	38	250	2000							
K_447	AM225*	2	1950	2000	39	250	2050							
K_457	AM225*	2	2000	2050	40	250	2100							
K_467	AM225*	2	2050	2100	41	250	2150							
K_477	AM225*	2	2100	2150	42	250	2200							
K_487	AM225*	2	2150	2200	43	250	2250							
K_497	AM225*	2	2200	2250	44	250	2300							
K_507	AM225*	2	2250	2300	45	250	2350							
K_517	AM225*	2	2300	2350	46	250	2400							



K..AM..

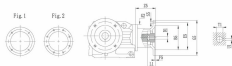
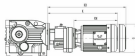


		Fig	B5	E5	F5	G2	G5	G6	Z5	D1	L1	T1	U1
K..107	AM100	1	190	215	5	350	300	M12	110	28	60	31.3	9
	AM112												
	AM132B												
	AM132M	1	230	285	6	450	300	M12	163	36	90	41.3	10
	AM160												
	AM180												
K..127	AM200	2	250	330	7	550	400	M16	221	48	110	51.8	14
	AM225												
	AM250												
K..157	AM300	1	230	285	8	450	300	M12	148	38	80	41.3	10
	AM320												
	AM355												
K..167	AM400	1	230	330	8	550	350	M16	236	48	110	51.3	14
	AM450												
	AM500												
K..187	AM560	2	250	330	7	550	400	M16	262	55	140	58.3	16
	AM630												
	AM710												
K..207	AM800	1	250	330	8	550	350	M16	236	48	110	51.3	14
	AM900												
	AM1000												

K..B..



型号组合	功率(KW)	AC	K	KB	KM
K..47B37 K..57B37	0.18	129	371.5	408	305.5
	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
K..67B37	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
	1.5	129	371.5	408	305.5
K..77B37	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
	1.5	129	371.5	408	305.5
K..87B37	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
	1.5	129	371.5	408	305.5
K..97B37	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
	1.5	129	371.5	408	305.5
K..107B37 K..117B37	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
	1.5	129	371.5	408	305.5
K..127B37 K..137B37	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
	1.5	129	371.5	408	305.5
K..147B37 K..157B37	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
	1.5	129	371.5	408	305.5
K..167B37 K..177B37	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
	1.5	129	371.5	408	305.5
K..187B37 K..197B37	0.25	129	371.5	408	305.5
	0.37	129	371.5	408	305.5
	0.55	129	371.5	408	305.5
	0.75	129	371.5	408	305.5
	1.1	129	371.5	408	305.5
	1.5	129	371.5	408	305.5

注：上表电机尺寸为参考尺寸，因空间限制电机尺寸有严格要求时请向我公司咨询。
Notes: The dimension of motor in the above table is only reference. If you have special requirement, Please consult us.



8.S系列斜齿轮—蜗轮蜗杆减速机 8.S Helical-Worm Geared Motor

8.1 设计方案

8.1 Versions geared motors

斜齿轮—蜗轮蜗杆减速机有以下设计方案：

The following types of helical-worm gearmotor can be supplied:



S.D.
足架安装斜齿轮—蜗轮蜗杆减速机
Foot-mounted helical-worm gear motor



SF.D.
法兰安装斜齿轮—蜗轮蜗杆减速机
Helical-worm gear motor flange-mounted version



SAF.D.
B5法兰空心轴安装斜齿轮—蜗轮蜗杆减速机
Helical-worm gear motor in B5 flange-mounted version with hollow shaft



SHF.D.
B5法兰空心轴带胀套安装斜齿轮—蜗轮蜗杆减速机
Helical-worm gear motor in B5 flange-mounted version with hollow shaft and shrink disk



SHA.D.
空心轴安装斜齿轮—蜗轮蜗杆减速机
Helical-worm gear motor with hollow shaft



SH.D.
空心轴带胀套安装斜齿轮—蜗轮蜗杆减速机
Helical-worm gear motor with hollow shaft and shrink disk



SAH.D.
B14法兰空心轴安装斜齿轮—蜗轮蜗杆减速机
Helical-worm gear motor in B14 flange-mounted version with hollow shaft



SHH.D.
B14法兰空心轴带胀套安装斜齿轮—蜗轮蜗杆减速机
Helical-worm gear motor in B14 flange-mounted version with hollow shaft and shrink disk

S67-87 $n_2=1400$ r/min

S67					S77				
S200Nw					1270Nw				
i	n_1 [r/min]	M_{out} [Nm]	F_{in} [N]	AD	i	n_1 [r/min]	M_{out} [Nm]	F_{in} [N]	AD
217.41	8.4	520	6680		256.47	5.5	1270	15880	
190.11	7.4	520	6680		225.29	6.2	1270	15880	
180.60	7.8	520	6680		214.00	6.8	1270	15880	
188.45	8.8	520	6680		199.09	7.4	1270	15880	
134.80	10	520	6680		161.69	8.7	1270	15880	
121.30	12	520	6680		146.15	8.4	1270	15880	
105.75	13	520	6680	AD2	130.00	11	1270	12300	
105.80	14	520	6680		125.29	11	1270	12400	
88.80	16	520	6680		107.93	13	1170	12600	
78.00	18	520	6680		87.14	14	1140	12800	AD2
74.06	19	480	6020		88.22	16	1180	13200	
67.57	21	520	6680		75.29	19	1670	13400	
65.63	21	480	6020		75.08	19	1180	13200	
62.35	22	480	6020		71.38	20	1180	13200	
58.80	24	520	6680	AD3	66.67	21	1640	13600	
54.70	26	480	6020		65.00	22	1180	12800	
46.40	30	480	6020		56.90	25	880	13200	
41.89	33	480	1180		53.87	26	1180	1180	
36.88	38	480	1230		49.38	29	1180	1180	
34.80	40	480	1380		43.30	32	1180	1180	
28.65	47	480	6540	AD3	41.07	36	1180	12800	
26.50	52	480	6240		35.94	30	1180	8850	
24.44	57	340	6040		32.38	43	1080	8400	
23.30	60	480	5870		28.41	49	1080	8870	
23.32	60	340	5880		25.07	55	1630	8750	
26.37	69	340	5620		22.89	61	765	7440	
20.38	80	420	5780	AD3	22.22	63	880	8200	
17.38	81	340	3080		20.99	67	765	8620	AD3
16.80	80	340	4820	AD2	16.97	74	830	7800	
13.75	102	340	4510		16.42	76	765	5820	
12.96	105	340	4510		17.48	80	710	8470	
11.05	127	340	3980		15.28	92	710	4810	
10.05	140	340	3290	AD3	13.78	102	710	3860	
8.60	161	335	2980		12.07	116	720	3800	
7.56	165	285	3220		10.65	131	730	2380	
					9.44	140	725	1640	AD4
					8.06	116	880	1180	

S97 S67/77R37 $n_2=1400$ r/min

S97					S77R37				
S200Nw					S77R37				
i	n_1 [r/min]	M_{out} [Nm]	F_{in} [N]	AD	i	n_1 [r/min]	M_{out} [Nm]	F_{in} [N]	AD
266.40	4.9	4800	36300		213.82	5.07	870	8780	
262.22	5.3	4800	36300		198.84	5.07	870	8780	
230.87	6.0	4800	36300		191.20	5.06	870	8780	
196.52	7.1	4800	36300		198.82	5.06	870	8780	
180.35	7.7	3600	26500		140.85	5.10	870	8780	
161.74	8.7	3640	38800		127.74	5.11	870	8780	
145.80	9.6	3730	38800	AD3	119.13	5.15	870	8780	
121.85	11	3680	37000		96.84	5.14	870	8780	
116.82	12	3810	37000		85.26	5.16	870	8780	
105.71	13	3440	37000		74.80	5.19	870	8780	
89.80	16	3240	37000		68.21	5.21	870	8780	
80.88	17	3200	37000		57.99	5.24	870	8780	
78.26	18	3080	37000		49.85	5.25	870	8780	
71.43	20	3300	37000	AD4	44.10	5.32	870	8780	
58.45	21	2800	36130	AD3	38.80	5.36	870	8780	
60.38	23	3300	37000		34.02	5.41	870	8780	
56.78	26	3300	37000		29.44	5.45	870	8780	
49.87	28	3300	35800		2636	5.50	870	8780	
44.88	31	3300	36100		2276	5.61	870	8780	
40.86	34	3300	35800	AD4	2014	5.70	870	8780	
36.85	38	3300	37000		1772	5.79	870	8780	
32.85	43	3200	35400		1559	5.80	870	8780	
27.63	51	3510	30000	AD5	1363	1.0	870	8780	
26.38	53	2600	36130	AD4	1194	1.2	870	8780	
24.13	58	2870	28000		1048	1.3	870	8780	
22.58	59	2800	24600		914	1.5	870	8780	
21.23	68	2800	22700		809	1.7	870	8780	
19.23	73	2600	22700		712	2.0	870	8780	
17.85	82	2570	21100	AD6	629	2.3	870	8780	
16.42	91	2470	20800		543	2.6	870	8780	
15.87	107	2330	20100		468	3.0	870	8780	
11.41	123	2210	18500		424	3.5	870	8780	
9.86	147	2040	18800		360	3.8	870	8780	
8.28	158	1770	18800		318	4.4	870	8780	
					281	5.0	870	8780	
					248	5.7	870	8780	
					221	6.3	870	8780	
					188	7.1	870	8780	
					168	8.3	870	8780	
					156	9.0	870	8780	

S 87/97R57 $n_2=1400$ r/min

S87R57					2500Nm					S97R57					4200Nm				
i	n_1 [r/min]	M_{max} [Nm]	F_{r0} [N]		i	n_1 [r/min]	M_{max} [Nm]	F_{r0} [N]		i	n_1 [r/min]	M_{max} [Nm]	F_{r0} [N]		i	n_1 [r/min]	M_{max} [Nm]	F_{r0} [N]	
25687	0.05	2500	27500		33816	0.04	4200	34290		33816	0.04	4200	34290		33816	0.04	4200	34290	
25640	0.06	2500	27500		31154	0.04	4200	34290		31154	0.04	4200	34290		31154	0.04	4200	34290	
20588	0.07	2500	27500		27867	0.05	4200	34290		27867	0.05	4200	34290		27867	0.05	4200	34290	
16785	0.08	2500	27500		24661	0.06	4200	34290		24661	0.06	4200	34290		24661	0.06	4200	34290	
10774	0.08	2500	27500		21937	0.07	4200	34290		21937	0.07	4200	34290		21937	0.07	4200	34290	
14620	0.09	2500	27500		18740	0.07	4200	34290		18740	0.07	4200	34290		18740	0.07	4200	34290	
13180	0.11	2500	27500		16233	0.09	4200	34290		16233	0.09	4200	34290		16233	0.09	4200	34290	
11290	0.12	2500	27500		14876	0.10	4200	34290		14876	0.10	4200	34290		14876	0.10	4200	34290	
9804	0.14	2500	27500		12752	0.11	4200	34290		12752	0.11	4200	34290		12752	0.11	4200	34290	
8549	0.16	2500	27500		11267	0.12	4200	34290		11267	0.12	4200	34290		11267	0.12	4200	34290	
7843	0.18	2500	27500		10876	0.14	4200	34290		10876	0.14	4200	34290		10876	0.14	4200	34290	
6706	0.21	2500	27500		8608	0.16	4200	34290		8608	0.16	4200	34290		8608	0.16	4200	34290	
5875	0.24	2500	27500		7954	0.18	4200	34290		7954	0.18	4200	34290		7954	0.18	4200	34290	
5187	0.27	2500	27500		6648	0.21	4200	30680		6648	0.21	4200	30680		6648	0.21	4200	30680	
4606	0.30	2500	27500		5768	0.24	4200	30680		5768	0.24	4200	30680		5768	0.24	4200	30680	
3872	0.36	2500	27500		4937	0.28	4200	30680		4937	0.28	4200	30680		4937	0.28	4200	30680	
3476	0.43	2500	27500		4444	0.32	4200	30680		4444	0.32	4200	30680		4444	0.32	4200	30680	
2895	0.48	2500	27500		4017	0.36	4200	30680		4017	0.36	4200	30680		4017	0.36	4200	30680	
2586	0.54	2500	27500		3453	0.41	4200	30680		3453	0.41	4200	30680		3453	0.41	4200	30680	
2235	0.60	2500	27500		3108	0.45	4200	30680		3108	0.45	4200	30680		3108	0.45	4200	30680	
2054	0.68	2500	27500		2684	0.53	4200	30680		2684	0.53	4200	30680		2684	0.53	4200	30680	
1824	0.77	2500	27500		2329	0.60	4200	30680		2329	0.60	4200	30680		2329	0.60	4200	30680	
1631	0.86	2500	27500		2061	0.67	4200	30680		2061	0.67	4200	30680		2061	0.67	4200	30680	
1332	1.1	2500	27500		1668	0.75	4200	30680		1668	0.75	4200	30680		1668	0.75	4200	30680	
1191	1.2	2500	27500		1574	0.88	4200	30680		1574	0.88	4200	30680		1574	0.88	4200	30680	
1032	1.4	2500	27500		1364	1.0	4200	30680		1364	1.0	4200	30680		1364	1.0	4200	30680	
938	1.5	2500	27500		1223	1.1	4200	30680		1223	1.1	4200	30680		1223	1.1	4200	30680	
831	1.7	2500	27500		1078	1.3	4200	30680		1078	1.3	4200	30680		1078	1.3	4200	30680	
719	1.9	2500	27500		928	1.5	4200	30680		928	1.5	4200	30680		928	1.5	4200	30680	
624	2.2	2500	27500		824	1.7	4200	30680		824	1.7	4200	30680		824	1.7	4200	30680	
558	2.5	2500	27500		714	2.0	4200	34480		714	2.0	4200	34480		714	2.0	4200	34480	
485	2.9	2500	27500		626	2.2	4200	30680		626	2.2	4200	30680		626	2.2	4200	30680	
435	3.2	2450	27800		538	2.6	4200	30680		538	2.6	4200	30680		538	2.6	4200	30680	
378	3.7	2450	27800		486	2.9	4200	30780		486	2.9	4200	30780		486	2.9	4200	30780	
323	4.3	2400	27700		420	3.3	4200	30780		420	3.3	4200	30780		420	3.3	4200	30780	
281	5.0	2400	27700		376	3.7	4200	30680		376	3.7	4200	30680		376	3.7	4200	30680	
255	5.5	1980	28400		327	4.3	4200	30680		327	4.3	4200	30680		327	4.3	4200	30680	
222	6.3	1980	28400		287	4.9	4200	30680		287	4.9	4200	30680		287	4.9	4200	30680	
206	6.8	1980	28400		252	5.6	4200	31080		252	5.6	4200	31080		252	5.6	4200	31080	
					219	6.4	4200	31080		219	6.4	4200	31080		219	6.4	4200	31080	
					205	6.8	4200	31080		205	6.8	4200	31080		205	6.8	4200	31080	

8.4 选型表注释

8.4 Selection table

选型表的构成

Selection table for gear motors

P_{in} [kW]	n_1 [r/min]	M_2 [Nm]	i	$F_{r0}^{(1)}$ [N]	s_k	
↓	↓	↓	↓	↓	↓	↓
驱动电机 额定功率 Rated power driving motor	输出转速 Output speed	输出扭矩 Output torque	减速机电比 Gear unit ratio	输出端所允许的 径向负载 Permissible radial load output side	使用系数 Service factor	减速机型号 Gear unit type
						电机型号 Motor type

对于特殊低输出转速
For special low output speed

M_{max} [Nm]	n_2 [r/min]	i	$F_{r0}^{(1)}$ [N]		
↓	↓	↓	↓	↓	↓
最大允许 输出扭矩 Max. permissible Output torque	输出转速 Output speed	减速机电比 Gear unit ratio	输出端所允许的 径向负载 Permissible radial load output side	减速机型号 Gear unit type	电机型号 Motor type

图例 Cutline

该也可用于S系列电机。 亦可用于S系列电机。

1) 实心轴底脚安装减速机时径向负载

1) Radial load specified for foot-mounted gear unit with solid shaft

注意: Notice:

对于特殊低输出转速驱动(多级减速机), 电机功率必须与减速机的最大允许输出扭矩相对应。
In drives for particularly low output speeds (multi-stage gear motor), the motor power must be limited according to maximum permitted output torque of the gear unit.

Output Power [mW]	Output current [mA]	Output Ratio [%]	Forward Power [mW]	Forward Current [mA]	Forward Voltage [V]	Efficiency [%]	Notes
0.12W							
0.12	6810	11267	2870	0.80	0.4	8.4	8.4W/11267mA/0.80V/0.4A
0.14	4210	10780	3380	0.80	0.4	8.6	8.6W/10780mA/0.80V/0.4A
0.18	3650	8660	3430	0.80	0.4	8.6	8.6W/8660mA/0.80V/0.4A
0.18	3990	7504	3440	0.80	0.4	8.6	8.6W/7504mA/0.80V/0.4A
0.18	3120	7494	3440	0.80	0.4	8.6	8.6W/7494mA/0.80V/0.4A
0.21	2830	6700	3780	0.85	0.4	8.7	8.7W/6700mA/0.85V/0.4A
0.23	2330	5890	3780	0.85	0.4	8.8	8.8W/5890mA/0.85V/0.4A
0.27	1860	5187	3880	1.20	0.4	8.9	8.9W/5187mA/1.20V/0.4A
0.30	1740	4800	2880	1.00	0.4	8.9	8.9W/4800mA/1.00V/0.4A
0.38	1450	3872	2620	1.20	0.4	9.0	9.0W/3872mA/1.20V/0.4A
0.38	1340	3680	2700	0.86	0.4	9.0	9.0W/3680mA/0.86V/0.4A
0.46	1170	3040	3100	1.0	0.4	9.1	9.1W/3040mA/1.0V/0.4A
0.48	1060	2810	3100	1.0	0.4	9.1	9.1W/2810mA/1.0V/0.4A
0.56	1130	2590	3290	1.30	0.4	9.2	9.2W/2590mA/1.30V/0.4A
0.76	960	1812	3410	1.30	0.4	9.4	9.4W/1812mA/1.30V/0.4A
0.78	870	1740	3430	1.30	0.4	9.4	9.4W/1740mA/1.30V/0.4A
0.86	840	1600	3470	1.80	0.4	9.5	9.5W/1600mA/1.80V/0.4A
0.86	840	1600	3470	1.80	0.4	9.5	9.5W/1600mA/1.80V/0.4A
1.0	645	1245	3500	1.80	0.4	9.6	9.6W/1245mA/1.80V/0.4A
1.0	665	1360	4090	0.85	0.4	9.6	9.6W/1360mA/0.85V/0.4A
1.2	575	1194	4190	1.00	0.4	9.6	9.6W/1194mA/1.00V/0.4A
1.3	516	1040	4190	1.20	0.4	9.6	9.6W/1040mA/1.20V/0.4A
1.6	445	914	4260	1.30	0.4	9.6	9.6W/914mA/1.30V/0.4A
1.7	400	809	4880	1.40	0.4	9.6	9.6W/809mA/1.40V/0.4A
1.8	368	712	4880	1.40	0.4	9.6	9.6W/712mA/1.40V/0.4A
1.8	365	616	4910	1.40	0.4	9.6	9.6W/616mA/1.40V/0.4A
2.5	265	544	5500	2.2	0.4	9.6	9.6W/544mA/2.2V/0.4A
2.9	237	489	5500	2.6	0.4	9.6	9.6W/489mA/2.6V/0.4A
3.9	184	424	6040	2.8	0.4	9.6	9.6W/424mA/2.8V/0.4A
3.8	180	380	10000	2.8	0.4	9.6	9.6W/380mA/2.8V/0.4A
4.5	145	261.80	8050	2.1	0.4	9.7	9.7W/261.80mA/2.1V/0.4A
4.8	133	244.80	8050	2.2	0.4	9.7	9.7W/244.80mA/2.2V/0.4A
5.7	108	198.12	8160	2.8	0.4	9.7	9.7W/198.12mA/2.8V/0.4A
6.8	103	172.80	8160	2.8	0.4	9.7	9.7W/172.80mA/2.8V/0.4A
4.5	130	261.80	8490	1.30	0.4	9.7	9.7W/261.80mA/1.30V/0.4A
4.8	120	244.80	8490	1.40	0.4	9.7	9.7W/244.80mA/1.40V/0.4A
5.7	108	198.12	8670	1.80	0.4	9.7	9.7W/198.12mA/1.80V/0.4A
6.6	98	177.60	8680	1.70	0.4	9.7	9.7W/177.60mA/1.70V/0.4A
6.6	98	177.60	8680	1.80	0.4	9.7	9.7W/177.60mA/1.80V/0.4A
6.9	95	261.80	8680	1.80	0.4	9.7	9.7W/261.80mA/1.80V/0.4A
7.5	89	184.80	8710	1.90	0.4	9.7	9.7W/184.80mA/1.90V/0.4A
8.4	86	169.80	8710	2.2	0.4	9.7	9.7W/169.80mA/2.2V/0.4A
10	86	172.80	8710	2.8	0.4	9.7	9.7W/172.80mA/2.8V/0.4A
10	84	126.30	8760	2.8	0.4	9.7	9.7W/126.30mA/2.8V/0.4A
12	87	145.73	8816	3.6	0.4	9.7	9.7W/145.73mA/3.6V/0.4A
6.7	167	144.40	3000	0.85	0.4	8.3	8.3W/144.40mA/0.85V/0.4A
6.2	169	157.40	3000	0.95	0.4	8.3	8.3W/157.40mA/0.95V/0.4A
6.8	171	162.20	3000	1.00	0.4	8.3	8.3W/162.20mA/1.00V/0.4A
8.1	76	168.80	3000	1.20	0.4	8.3	8.3W/168.80mA/1.20V/0.4A
8.3	71	88.80	3000	1.30	0.4	8.3	8.3W/88.80mA/1.30V/0.4A
10	64	88.36	3000	1.40	0.4	8.3	8.3W/88.36mA/1.40V/0.4A
8.8	74	187.43	3500	1.20	0.4	8.8	8.8W/187.43mA/1.20V/0.4A
8.6	68	144.40	3500	1.30	0.4	8.8	8.8W/144.40mA/1.30V/0.4A
9.0	60	123.84	3500	1.40	0.4	8.8	8.8W/123.84mA/1.40V/0.4A
10	55	109.80	3500	1.50	0.4	8.8	8.8W/109.80mA/1.50V/0.4A
14	49	89.80	3500	1.70	0.4	8.8	8.8W/89.80mA/1.70V/0.4A
14	44	86.36	3500	1.80	0.4	8.8	8.8W/86.36mA/1.80V/0.4A
17	42	86.36	3500	1.80	0.4	8.8	8.8W/86.36mA/1.80V/0.4A

Output Power [mW]	Output Level [dBm]	Carrier Ratio [dB]	Permitted Leakage Power [μW]	Spurious Power [μW]	Model
0.12kW					
10	17	71.44	3.000	2.3	S 37 100W1200-4 S 37 100W1200-5 S 37 100W1200-6 S 37 100W1200-7 S 37 100W1200-8 S 37 100W1200-9 S 37 100W1200-10 S 37 100W1200-11 S 37 100W1200-12 S 37 100W1200-13
15	18	71.44	3.000	2.3	
20	19	71.44	3.000	2.3	
25	20	71.44	3.000	2.3	
30	21	71.44	3.000	2.3	
35	22	71.44	3.000	2.3	
40	23	71.44	3.000	2.3	
45	24	71.44	3.000	2.3	
50	25	71.44	3.000	2.3	
55	26	71.44	3.000	2.3	
60	27	71.44	3.000	2.3	
65	28	71.44	3.000	2.3	S 37 100W1200-14 S 37 100W1200-15 S 37 100W1200-16 S 37 100W1200-17 S 37 100W1200-18 S 37 100W1200-19 S 37 100W1200-20 S 37 100W1200-21 S 37 100W1200-22 S 37 100W1200-23
70	29	71.44	3.000	2.3	
75	30	71.44	3.000	2.3	
80	31	71.44	3.000	2.3	
85	32	71.44	3.000	2.3	
90	33	71.44	3.000	2.3	
95	34	71.44	3.000	2.3	
100	35	71.44	3.000	2.3	
105	36	71.44	3.000	2.3	
110	37	71.44	3.000	2.3	
115	38	71.44	3.000	2.3	
120	39	71.44	3.000	2.3	S 37 100W1200-24 S 37 100W1200-25 S 37 100W1200-26 S 37 100W1200-27 S 37 100W1200-28 S 37 100W1200-29 S 37 100W1200-30 S 37 100W1200-31 S 37 100W1200-32 S 37 100W1200-33
125	40	71.44	3.000	2.3	
130	41	71.44	3.000	2.3	
135	42	71.44	3.000	2.3	
140	43	71.44	3.000	2.3	
145	44	71.44	3.000	2.3	
150	45	71.44	3.000	2.3	
155	46	71.44	3.000	2.3	
160	47	71.44	3.000	2.3	
165	48	71.44	3.000	2.3	
170	49	71.44	3.000	2.3	
175	50	71.44	3.000	2.3	S 37 100W1200-34 S 37 100W1200-35 S 37 100W1200-36 S 37 100W1200-37 S 37 100W1200-38 S 37 100W1200-39 S 37 100W1200-40 S 37 100W1200-41 S 37 100W1200-42 S 37 100W1200-43
180	51	71.44	3.000	2.3	
185	52	71.44	3.000	2.3	
190	53	71.44	3.000	2.3	
195	54	71.44	3.000	2.3	
200	55	71.44	3.000	2.3	
205	56	71.44	3.000	2.3	
210	57	71.44	3.000	2.3	
215	58	71.44	3.000	2.3	
220	59	71.44	3.000	2.3	
225	60	71.44	3.000	2.3	
230	61	71.44	3.000	2.3	S 37 100W1200-44 S 37 100W1200-45 S 37 100W1200-46 S 37 100W1200-47 S 37 100W1200-48 S 37 100W1200-49 S 37 100W1200-50 S 37 100W1200-51 S 37 100W1200-52 S 37 100W1200-53
235	62	71.44	3.000	2.3	
240	63	71.44	3.000	2.3	
245	64	71.44	3.000	2.3	
250	65	71.44	3.000	2.3	
255	66	71.44	3.000	2.3	
260	67	71.44	3.000	2.3	
265	68	71.44	3.000	2.3	
270	69	71.44	3.000	2.3	
275	70	71.44	3.000	2.3	
280	71	71.44	3.000	2.3	
285	72	71.44	3.000	2.3	S 37 100W1200-54 S 37 100W1200-55 S 37 100W1200-56 S 37 100W1200-57 S 37 100W1200-58 S 37 100W1200-59 S 37 100W1200-60 S 37 100W1200-61 S 37 100W1200-62 S 37 100W1200-63
290	73	71.44	3.000	2.3	
295	74	71.44	3.000	2.3	
300	75	71.44	3.000	2.3	
305	76	71.44	3.000	2.3	
310	77	71.44	3.000	2.3	
315	78	71.44	3.000	2.3	
320	79	71.44	3.000	2.3	
325	80	71.44	3.000	2.3	
330	81	71.44	3.000	2.3	
335	82	71.44	3.000	2.3	
340	83	71.44	3.000	2.3	S 37 100W1200-64 S 37 100W1200-65 S 37 100W1200-66 S 37 100W1200-67 S 37 100W1200-68 S 37 100W1200-69 S 37 100W1200-70 S 37 100W1200-71 S 37 100W1200-72 S 37 100W1200-73
345	84	71.44	3.000	2.3	
350	85	71.44	3.000	2.3	
355	86	71.44	3.000	2.3	
360	87	71.44	3.000	2.3	
365	88	71.44	3.000	2.3	
370	89	71.44	3.000	2.3	
375	90	71.44	3.000	2.3	
380	91	71.44	3.000	2.3	
385	92	71.44	3.000	2.3	
390	93	71.44	3.000	2.3	
395	94	71.44	3.000	2.3	S 37 100W1200-74 S 37 100W1200-75 S 37 100W1200-76 S 37 100W1200-77 S 37 100W1200-78 S 37 100W1200-79 S 37 100W1200-80 S 37 100W1200-81 S 37 100W1200-82 S 37 100W1200-83
400	95	71.44	3.000	2.3	
405	96	71.44	3.000	2.3	
410	97	71.44	3.000	2.3	
415	98	71.44	3.000	2.3	
420	99	71.44	3.000	2.3	
425	100	71.44	3.000	2.3	
430	101	71.44	3.000	2.3	
435	102	71.44	3.000	2.3	
440	103	71.44	3.000	2.3	
445	104	71.44	3.000	2.3	
450	105	71.44	3.000	2.3	S 37 100W1200-84 S 37 100W1200-85 S 37 100W1200-86 S 37 100W1200-87 S 37 100W1200-88 S 37 100W1200-89 S 37 100W1200-90 S 37 100W1200-91 S 37 100W1200-92 S 37 100W1200-93
455	106	71.44	3.000	2.3	
460	107	71.44	3.000	2.3	
465	108	71.44	3.000	2.3	
470	109	71.44	3.000	2.3	
475	110	71.44	3.000	2.3	
480	111	71.44	3.000	2.3	
485	112	71.44	3.000	2.3	
490	113	71.44	3.000	2.3	
495	114	71.44	3.000	2.3	
500	115	71.44	3.000	2.3	
505	116	71.44	3.000	2.3	S 37 100W1200-94 S 37 100W1200-95 S 37 100W1200-96 S 37 100W1200-97 S 37 100W1200-98 S 37 100W1200-99 S 37 100W1200-100 S 37 100W1200-101 S 37 100W1200-102 S 37 100W1200-103
510	117	71.44	3.000	2.3	
515	118	71.44	3.000	2.3	
520	119	71.44	3.000	2.3	
525	120	71.44	3.000	2.3	
530	121	71.44	3.000	2.3	
535	122	71.44	3.000	2.3	
540	123	71.44	3.000	2.3	
545	124	71.44	3.000	2.3	
550	125	71.44	3.000	2.3	
555	126	71.44	3.000	2.3	
560	127	71.44	3.000	2.3	S 37 100W1200-104 S 37 100W1200-105 S 37 100W1200-106 S 37 100W1200-107 S 37 100W1200-108 S 37 100W1200-109 S 37 100W1200-110 S 37 100W1200-111 S 37 100W1200-112 S 37 100W1200-113
565	128	71.44	3.000	2.3	
570	129	71.44	3.000	2.3	
575	130	71.44	3.000	2.3	
580	131	71.44	3.000	2.3	
585	132	71.44	3.000	2.3	
590	133	71.44	3.000	2.3	
595	134	71.44	3.000	2.3	
600	135	71.44	3.000	2.3	
605	136	71.44	3.000	2.3	
610	137	71.44	3.000	2.3	
615	138	71.44	3.000	2.3	S 37 100W1200-114 S 37 100W1200-115 S 37 100W1200-116 S 37 100W1200-117 S 37 100W1200-118 S 37 100W1200-119 S 37 100W1200-120 S 37 100W1200-121 S 37 100W1200-122 S 37 100W1200-123
620	139	71.44	3.000	2.3	
625	140	71.44	3.000	2.3	
630	141	71.44	3.000	2.3	
635	142	71.44	3.000	2.3	
640	143	71.44	3.000	2.3	
645	144	71.44	3.000	2.3	
650	145	71.44	3.000	2.3	
655	146	71.44	3.000	2.3	
660	147	71.44	3.000	2.3	
665	148	71.44	3.000	2.3	
670	149	71.44	3.000	2.3	S 37 100W1200-124 S 37 100W1200-125 S 37 100W1200-126 S 37 100W1200-127 S 37 100W1200-128 S 37 100W1200-129 S 37 100W1200-130 S 37 100W1200-131 S 37 100W1200-132 S 37 100W1200-133
675	150	71.44	3.000	2.3	
680	151	71.44	3.000	2.3	
685	152	71.44	3.000	2.3	
690	153	71.44	3.000	2.3	
695	154	71.44	3.000	2.3	
700	155	71.44	3.000	2.3	
705	156	71.44	3.000	2.3	
710	157	71.44	3.000	2.3	
715	158	71.44	3.000	2.3	
720	159	71.44	3.000	2.3	
725	160	71.44	3.000	2.3	S 37 100W1200-134 S 37 100W1200-135 S 37 100W1200-136 S 37 100W1200-137 S 37 100W1200-138 S 37 100W1200-139 S 37 100W1200-140 S 37 100W1200-141 S 37 100W1200-142 S 37 100W1200-143
730	161	71.44	3.000	2.3	
735	162	71.44	3.000	2.3	
740	163	71.44	3.000	2.3	
745	164	71.44	3.000	2.3	
750	165	71.44	3.000	2.3	
755	166	71.44	3.000	2.3	
760	167	71.44	3.000	2.3	
765	168	71.44	3.000	2.3	
770	169	71.44	3.000	2.3	
775	170	71.44	3.000	2.3	
780	171	71.44	3.000	2.3	S 37 100W1200-144 S 37 100W1200-145 S 37 100W1200-146 S 37 100W1200-147 S 37 100W1200-148 S 37 100W1200-149 S 37 100W1200-150 S 37 100W1200-151 S 37 100W1200-152 S 37 100W1200-153
785	172	71.44	3.000	2.3	
790	173	71.44	3.000	2.3	
795	174	71.44	3.000	2.3	
800	175	71.44	3.000	2.3	
805	176	71.44	3.000	2.3	
810	177	71.44	3.000	2.3	
815	178	71.44	3.000	2.3	
820	179	71.44	3.000	2.3	
825	180	71.44	3.000	2.3	
830	181	71.44	3.000	2.3	
835	182	71.44	3.000	2.3	S 37 100W1200-154 S 37 100W1200-155 S 37 100W1200-156 S 37 100W1200-157 S 37 100W1200-158 S 37 100W1200-159 S 37 100W1200-160 S 37 100W1200-161 S 37 100W1200-162 S 37 100W1200-163
840	183	71.44	3.000	2.3	
845	184	71.44	3.000	2.3	
850	185	71.44	3.000	2.3	
855	186	71.44	3.000	2.3	
860	187	71.44	3.000	2.3	
865	188	71.44	3.000	2.3	
870	189	71.44	3.000	2.3	
875	190	71.44	3.000	2.3	
880	191	71.44	3.000	2.3	
885	192	71.44	3.000	2.3	
890	193	71.44	3.000	2.3	S 37 100W1200-164 S 37 100W1200-165 S 37 100W1200-166 S 37 100W1200-167 S 37 100W1200-168 S 37 100W1200-169 S 37 100W1200-170 S 37 100W1200-171 S 37 100W1200-172 S 37 100W1200-173
895	194	71.44	3.000	2.3	
900	195	71.44	3.000	2.3	
905	196	71.44	3.000	2.3	
910	197	71.44	3.000	2.3	
915	198	71.44	3.000	2.3	
920	199	71.44	3.000	2.3	
925	200	71.44	3.000	2.3	
930	201	71.44	3.000	2.3	
935	202	71.44	3.000	2.3	
940	203	71.44	3.000	2.3	
945	204	71.44	3.000	2.3	S 37 100W1200-174 S 37 100W1200-175 S 37 100W1200-176 S 37 100W1200-177 S 37 100W1200-178 S 37 100W1200-17

[illegible]

输出 功率 Output power [mW]	输出 电压 Output voltage [V rms]	谐波 失真 THD [%]	额定 功率 Rated power [W]	失真 率 Distortion rate [%]	机壳号 Model
0.25kW					
8.6	250	201.80	0120	0.80	
7.0	195	164.80	0210	0.85	
5.4	150	136.12	0300	1.00	
8.6	180	127.08	0410	1.10	
10	141	126.16	0430	1.20	
10	130	126.16	0500	1.30	4 4P 40W, 20W, 10W
14	108	94.30	0610	1.30	8P 40W, 20W, 10W
18	86	64.50	0670	1.70	10P 40W, 20W, 10W
22	80	61.70	0700	1.70	12P 40W, 20W, 10W
18	87	69.20	0800	1.80	
18	80	67.20	0740	2.1	
26	86	63.10	0870	1.70	
24	76	54.50	0720	2.0	
27	88	47.32	0780	2.3	
12	108	88.80	3000	0.80	
18	86	88.26	3000	0.80	
18	80	86.26	3000	0.80	
18	81	71.44	3000	1.00	
21	78	63.23	3000	1.10	
21	78	60.23	3000	1.10	
25	72	51.39	3000	1.10	
30	62	43.88	3000	1.30	
34	54	37.66	3000	1.50	
40	51	35.19	3000	1.60	
42	49	30.88	3000	1.70	10 10W, 5W, 2.5W
48	42	28.76	3000	1.80	12 10W, 5W, 2.5W
50	41	27.58	3000	2.0	14 10W, 5W, 2.5W
58	33	23.30	3000	2.3	16 10W, 5W, 2.5W
66	32	18.88	2870	1.88	
68	28	18.24	2870	1.88	
84	25	15.31	2870	2.0	
90	23	13.28	2870	2.3	
97	22	12.47	2870	2.4	
118	18	10.81	2480	2.7	
127	17	10.23	2480	2.8	
154	16	8.00	2480	3.1	
153	13	8.00	2700	3.4	
181	11	6.80	2100	3.8	
90	21	28.76	2840	3.8	
108	18	20.28	2680	3.8	
127	17	22.12	2680	3.8	8 8P 40W, 20W, 10W
154	16	16.89	2410	3.8	10 10W, 5W, 2.5W
178	18	18.24	2350	3.8	12 10W, 5W, 2.5W
189	11	13.59	2350	3.8	14 10W, 5W, 2.5W
273	10	10.48	2120	4.0	
0.37kW					
0.47	2810	3084	2040	0.80	8 8P 40W, 20W, 10W
0.76	2490	1824	2730	1.00	10 10W, 5W, 2.5W
8.85	2220	1631	2900	1.70	12 10W, 5W, 2.5W
1.7	1980	931	2950	2.1	14 10W, 5W, 2.5W
1.8	1280	714	2900	0.88	8 8P 40W, 20W, 10W
2.2	1150	637	1700	1.10	10 10W, 5W, 2.5W
2.4	1040	574	1300	1.20	12 10W, 5W, 2.5W
2.8	980	488	1000	1.30	14 10W, 5W, 2.5W
3.2	781	438	1600	1.60	16 10W, 5W, 2.5W
3.5	780	389	1540	1.80	
3.6	615	385	7750	0.85	8 8P 40W, 20W, 10W
4.5	575	291	8540	1.05	10 10W, 5W, 2.5W
5.5	575	281	8540	1.10	12 10W, 5W, 2.5W
6.6	425	248	8430	1.30	14 10W, 5W, 2.5W
8.0	380	268.0	8200	2.0	8 8P 40W, 20W, 10W
2.0	880	266.18	2660	2.0	8 8P 40W, 20W, 10W
3.1	772	222.40	2900	3.2	10 10W, 5W, 2.5W





输出 功率 Output Power P ₂ [kW]	输出 转速 Output Speed n ₂ [r/min]	传动 比 Ratio i	输入 功率 Input Power P ₁ [kW]	传动 效率 Transmission Efficiency η _t [%]	电机 型号 Motor Model
0.37kW					
3.8	150	225.38	10200	1.75	B 7T W030-225W-0.37
3.2	700	214.00	10500	1.80	SAF 7T W030-225W-0.37
3.6	650	180.00	15800	2.0	B 7T W030-180W-0.37
4.2	548	161.60	15800	2.3	SAF 7T W030-180W-0.37
0.55kW					
3.8	648	238.47	11800	2.0	B 7T W030-238W-0.55
4.2	575	225.38	11800	2.2	SAF 7T W030-238W-0.55
4.2	548	210.00	13800	2.3	SAF 7T W030-210W-0.55
0.75kW					
4.1	505	217.41	8810	1.10	S 6T W030-217W-0.75
4.5	458	195	9090	1.25	SAF 6T W030-217W-0.75
5.0	438	183.60	9680	1.30	SAF 6T W030-183W-0.75
5.7	380	158.48	9700	1.48	SAF 6T W030-158W-0.75
1.1kW					
6.3	448	217.41	9980	1.40	S 6T W030-217W-1.1
7.3	315	186.11	10200	1.70	B 6T W030-186W-1.1
7.8	300	180.00	10200	1.75	SAF 6T W030-180W-1.1
8.7	268	163.45	10200	2.0	SAF 6T W030-163W-1.1
10	225	134.40	10500	2.3	SAF 6T W030-134W-1.1
11	205	121.50	13800	2.5	SAF 6T W030-121W-1.1
1.5kW					
6.7	380	158.12	6080	8.80	S 6T W030-158W-1.5
6.8	375	157.05	6030	8.90	S 6T W030-157W-1.5
7.5	330	135.70	7100	1.00	SAF 6T W030-135W-1.5
8.1	305	110.70	7300	1.10	SAF 6T W030-110W-1.5
9.1	265	94.88	7630	1.30	SAF 6T W030-94W-1.5
11	205	84.80	7760	1.45	SAF 6T W030-84W-1.5
2.2kW					
6.8	350	120.00	5700	8.95	S 6T W030-120W-2.2
7.3	335	104.80	6230	1.00	S 6T W030-104W-2.2
8.7	245	158.12	7510	1.30	SAF 6T W030-158W-2.2
10	225	137.05	7680	1.35	SAF 6T W030-137W-2.2
11	205	128.10	7780	1.45	SAF 6T W030-128W-2.2
12	180	113.75	7960	1.65	SAF 6T W030-113W-2.2
15	158	94.88	8080	1.90	SAF 6T W030-94W-2.2
16	141	84.80	8150	2.1	SAF 6T W030-84W-2.2
18	120	71.35	8410	2.4	SAF 6T W030-71W-2.2
20	108	69.30	8570	2.75	SAF 6T W030-69W-2.2
21	115	67.20	8180	2.8	SAF 6T W030-67W-2.2
22	108	63.80	8710	3.00	SAF 6T W030-63W-2.2
3.0kW					
6.0	218	137.05	5110	8.80	S 6T W030-137W-3.0
11	108	126.30	5300	8.85	S 6T W030-126W-3.0
12	176	110.75	5330	8.85	S 6T W030-110W-3.0
15	151	94.88	5430	1.10	SAF 6T W030-94W-3.0
16	137	84.80	5580	1.30	SAF 6T W030-84W-3.0
18	118	71.76	5880	1.40	SAF 6T W030-71W-3.0
20	108	69.38	5980	1.50	SAF 6T W030-69W-3.0
21	112	67.20	5810	1.50	SAF 6T W030-67W-3.0
22	108	60.80	5910	1.55	SAF 6T W030-60W-3.0
23	108	54.38	5980	1.60	SAF 6T W030-54W-3.0
25	98	44.23	6410	1.75	SAF 6T W030-44W-3.0
30	78	36.23	6930	2.0	SAF 6T W030-36W-3.0
40	60	29.80	6780	2.5	SAF 6T W030-29W-3.0
50	52	24.71	6980	3.0	SAF 6T W030-24W-3.0
60	48	23.00	6980	3.1	SAF 6T W030-23W-3.0
65	48	20.81	6980	3.4	SAF 6T W030-20W-3.0
68	48	17.82	6880	3.6	SAF 6T W030-17W-3.0
84	37	15.47	5980	3.9	SAF 6T W030-15W-3.0

输出 功率 Output Power P ₂ [kW]	输出 转速 Output Speed n ₂ [r/min]	传动 比 Ratio i	输入 功率 Input Power P ₁ [kW]	传动 效率 Transmission Efficiency η _t [%]	电机 型号 Motor Model
0.37kW					
3.2	100	63.33	3000	0.90	S 3T W030-63W-0.37
3.2	101	61.30	3000	0.90	S 3T W030-61W-0.37
3.2	97	63.60	3000	0.94	S 3T W030-63W-0.37
3.2	97	61.60	3000	1.00	S 3T W030-61W-0.37
3.2	94	66.50	3000	1.00	S 3T W030-66W-0.37
3.2	94	64.50	3000	1.00	S 3T W030-64W-0.37
3.2	92	66.67	3000	1.00	S 3T W030-66W-0.37
3.2	92	64.67	3000	1.00	S 3T W030-64W-0.37
3.2	90	70.00	3000	1.00	S 3T W030-70W-0.37
3.2	90	68.00	3000	1.00	S 3T W030-68W-0.37
3.2	88	72.73	3000	1.00	S 3T W030-72W-0.37
3.2	88	70.73	3000	1.00	S 3T W030-70W-0.37
3.2	86	76.19	3000	1.00	S 3T W030-76W-0.37
3.2	86	74.19	3000	1.00	S 3T W030-74W-0.37
3.2	84	81.00	3000	1.00	S 3T W030-81W-0.37
3.2	84	79.00	3000	1.00	S 3T W030-79W-0.37
3.2	82	85.71	3000	1.00	S 3T W030-85W-0.37
3.2	82	83.71	3000	1.00	S 3T W030-83W-0.37
3.2	80	90.00	3000	1.00	S 3T W030-90W-0.37
3.2	80	88.00	3000	1.00	S 3T W030-88W-0.37
3.2	78	96.33	3000	1.00	S 3T W030-96W-0.37
3.2	78	94.33	3000	1.00	S 3T W030-94W-0.37
3.2	76	102.63	3000	1.00	S 3T W030-102W-0.37
3.2	76	100.63	3000	1.00	S 3T W030-100W-0.37
3.2	74	109.38	3000	1.00	S 3T W030-109W-0.37
3.2	74	107.38	3000	1.00	S 3T W030-107W-0.37
3.2	72	116.67	3000	1.00	S 3T W030-116W-0.37
3.2	72	114.67	3000	1.00	S 3T W030-114W-0.37
3.2	70	124.00	3000	1.00	S 3T W030-124W-0.37
3.2	70	122.00	3000	1.00	S 3T W030-122W-0.37
3.2	68	133.33	3000	1.00	S 3T W030-133W-0.37
3.2	68	131.33	3000	1.00	S 3T W030-131W-0.37
3.2	66	145.45	3000	1.00	S 3T W030-145W-0.37
3.2	66	143.45	3000	1.00	S 3T W030-143W-0.37
3.2	64	154.55	3000	1.00	S 3T W030-154W-0.37
3.2	64	152.55	3000	1.00	S 3T W030-152W-0.37
3.2	62	166.67	3000	1.00	S 3T W030-166W-0.37
3.2	62	164.67	3000	1.00	S 3T W030-164W-0.37
3.2	60	180.00	3000	1.00	S 3T W030-180W-0.37
3.2	60	178.00	3000	1.00	S 3T W030-178W-0.37
3.2	58	200.00	3000	1.00	S 3T W030-200W-0.37
3.2	58	198.00	3000	1.00	S 3T W030-198W-0.37
3.2	56	214.29	3000	1.00	S 3T W030-214W-0.37
3.2	56	212.29	3000	1.00	S 3T W030-212W-0.37
3.2	54	233.33	3000	1.00	S 3T W030-233W-0.37
3.2	54	231.33	3000	1.00	S 3T W030-231W-0.37
3.2	52	250.00	3000	1.00	S 3T W030-250W-0.37
3.2	52	248.00	3000	1.00	S 3T W030-248W-0.37
3.2	50	270.00	3000	1.00	S 3T W030-270W-0.37
3.2	50	268.00	3000	1.00	S 3T W030-268W-0.37
3.2	48	300.00	3000	1.00	S 3T W030-300W-0.37
3.2	48	298.00	3000	1.00	S 3T W030-298W-0.37
3.2	46	326.92	3000	1.00	S 3T W030-326W-0.37
3.2	46	324.92	3000	1.00	S 3T W030-324W-0.37
3.2	44	363.64	3000	1.00	S 3T W030-363W-0.37
3.2	44	361.64	3000	1.00	S 3T W030-361W-0.37
3.2	42	400.00	3000	1.00	S 3T W030-400W-0.37
3.2	42	398.00	3000	1.00	S 3T W030-398W-0.37
3.2	40	450.00	3000	1.00	S 3T W030-450W-0.37
3.2	40	448.00	3000	1.00	S 3T W030-448W-0.37
3.2	38	500.00	3000	1.00	S 3T W030-500W-0.37
3.2	38	498.00	3000	1.00	S 3T W030-498W-0.37
3.2	36	555.56	3000	1.00	S 3T W030-555W-0.37
3.2	36	553.56	3000	1.00	S 3T W030-553W-0.37
3.2	34	619.05	3000	1.00	S 3T W030-619W-0.37
3.2	34	617.05	3000	1.00	S 3T W030-617W-0.37
3.2	32	675.00	3000	1.00	S 3T W030-675W-0.37
3.2	32	673.00	3000	1.00	S 3T W030-673W-0.37
3.2	30	750.00	3000	1.00	S 3T W030-750W-0.37
3.2	30	748.00	3000	1.00	S 3T W030-748W-0.37
3.2	28	818.18	3000	1.00	S 3T W030-818W-0.37
3.2	28	816.18	3000	1.00	S 3T W030-816W-0.37
3.2	26	900.00	3000	1.00	S 3T W030-900W-0.37
3.2	26	898.00	3000	1.00	S 3T W030-898W-0.37
3.2	24	1000.00	3000	1.00	S 3T W030-1000W-0.37
3.2	24	998.00	3000	1.00	S 3T W030-998W-0.37
3.2	22	1114.29	3000	1.00	S 3T W030-1114W-0.37
3.2	22	1112.29	3000	1.00	S 3T W030-1112W-0.37
3.2	20	1260.00	3000	1.00	S 3T W030-1260W-0.37
3.2	20	1258.00	3000	1.00	S 3T W030-1258W-0.37
3.2	18	1333.33	3000	1.00	S 3T W030-1333W-0.37
3.2	18	1331.33	3000	1.00	S 3T W030-1331W-0.37
3.2	16	1500.00	3000	1.00	S 3T W030-1500W-0.37
3.2	16	1498.00	3000	1.00	S 3T W030-1498W-0.37
3.2	14	1590.91	3000	1.00	S 3T W030-1590W-0.37
3.2	14	1588.91	3000	1.00	S 3T W030-1588W-0.37
3.2	12	1800.00	3000	1.00	S 3T W030-1800W-0.37
3.2	12	1798.00	3000	1.00	S 3T W030-1798W-0.37
3.2	10	2000.00	3000	1.00	S 3T W030-2000W-0.37
3.2	10	1998.00	3000	1.00	S 3T W030-1998W-0.37
3.2	8	2250.00	3000	1.00	S 3T W030-2250W-0.37
3.2	8	2248.00	3000	1.00	S 3T W030-2248W-0.37
3.2	6	2500.00	3000	1.00	S 3T W030-2500W-0.37
3.2	6	2498.00	3000	1.00	S 3T W030-2498W-0.37
3.2	4	3000.00	3000	1.00	S 3T W030-3000W-0.37
3.2	4	2998.00	3000	1.00	S 3T W030-2998W-0.37

输出 功率 Output Power P ₂ [kW]	输出 转速 Output Speed n ₂ [r/min]	传动 比 Ratio i	输入 功率 Input Power P ₁ [kW]	传动 效率 Transmission Efficiency η _t [%]	电机 型号 Motor Model
0.55kW					
6.3	658	238.47	11800	1.90	S 7T W030-238W-0.55
6.8	608	225.38	11800	2.0	SAF 7T W030-238W-0.55
6.4	658	214.00	11800	2.3	SAF 7T W030-214W-0.55
7.2	588	188.08	11800	2.5	SAF 7T W030-188



输出转速 Output speed n ₂ [rpm]	输入转速 Output speed n ₁ [rpm]	传动比 Ratio i	额定功率 Permitted output P ₂ [kW]	额定转矩 Service torque T ₂ [Nm]	机座号 Model
0.75kW					
4.3	890	206.47	14500	1.40	
7.0	790	233.26	14900	1.40	
6.3	760	214.80	16100	1.20	S 47 W080.75kW-4
3.2	815	189.09	18100	1.80	SA 47 W080.75kW-4
2.8	785	188.00	19100	1.80	SAF 47 W080.75kW-4
2.5	765	184.80	19600	2.3	SAF 47 W080.75kW-4
2.0	690	159.09	20900	2.8	
1.8	660	154.55	21500	3.2	
1.5	600	140.00	22500	3.6	
1.3	495	107.83	26000	4.2	
1.2	480	104.17	26700	4.8	
1.0	430	121.33	34700	5.5	S 47 W100.75kW-4
0.9	415	118.00	35500	5.5	SA 47 W100.75kW-4
0.8	390	113.00	36800	6.0	SAF 47 W100.75kW-4
0.7	375	109.33	37500	6.3	
0.6	345	101.45	41100	7.0	SAF 47 W100.75kW-4
0.5	315	91.76	45100	7.5	
0.4	270	80.00	50200	9.0	
0.3	230	69.57	56300	10.5	
0.2	200	63.00	60300	11.0	
0.1	180	55.56	66000	12.5	
0.1	165	51.52	69000	13.0	
0.1	150	47.33	74000	14.0	
0.1	140	44.29	77000	15.0	
0.1	135	41.48	80000	15.5	
0.1	120	37.50	87000	16.5	
0.1	110	34.09	92000	18.0	
0.1	100	31.50	97000	19.0	
0.1	90	28.33	103000	20.0	
0.1	80	25.50	110000	22.0	
0.1	75	24.00	115000	23.0	
0.1	70	22.14	120000	24.0	
0.1	65	20.45	126000	25.0	
0.1	60	18.75	132000	26.0	
0.1	55	17.27	139000	28.0	
0.1	50	15.75	146000	30.0	
0.1	45	14.44	154000	32.0	
0.1	40	13.25	162000	34.0	
0.1	35	12.14	171000	36.0	
0.1	30	11.11	180000	38.0	
0.1	25	10.00	190000	40.0	
0.1	20	9.00	200000	42.0	
0.1	18	8.33	210000	45.0	
0.1	16	7.75	220000	48.0	
0.1	15	7.33	230000	50.0	
0.1	14	6.93	240000	52.0	
0.1	13	6.54	250000	55.0	
0.1	12	6.17	260000	58.0	
0.1	11	5.83	270000	60.0	
0.1	10	5.50	280000	63.0	
0.1	9	5.19	290000	66.0	
0.1	8	4.90	300000	69.0	
0.1	7	4.64	310000	72.0	
0.1	6	4.44	320000	75.0	
0.1	5	4.29	330000	78.0	
0.1	4	4.17	340000	81.0	
0.1	3	4.00	350000	84.0	
0.1	2	3.85	360000	87.0	
0.1	1	3.70	370000	90.0	
0.1	0.9	3.57	380000	93.0	
0.1	0.8	3.44	390000	96.0	
0.1	0.7	3.33	400000	99.0	
0.1	0.6	3.23	410000	102.0	
0.1	0.5	3.15	420000	105.0	
0.1	0.4	3.08	430000	108.0	
0.1	0.3	3.03	440000	111.0	
0.1	0.2	2.99	450000	114.0	
0.1	0.1	2.96	460000	117.0	
0.1	0.1	2.93	470000	120.0	
0.1	0.1	2.90	480000	123.0	
0.1	0.1	2.87	490000	126.0	
0.1	0.1	2.84	500000	129.0	
0.1	0.1	2.81	510000	132.0	
0.1	0.1	2.78	520000	135.0	
0.1	0.1	2.75	530000	138.0	
0.1	0.1	2.72	540000	141.0	
0.1	0.1	2.70	550000	144.0	
0.1	0.1	2.67	560000	147.0	
0.1	0.1	2.64	570000	150.0	
0.1	0.1	2.62	580000	153.0	
0.1	0.1	2.59	590000	156.0	
0.1	0.1	2.57	600000	159.0	
0.1	0.1	2.54	610000	162.0	
0.1	0.1	2.52	620000	165.0	
0.1	0.1	2.50	630000	168.0	
0.1	0.1	2.47	640000	171.0	
0.1	0.1	2.45	650000	174.0	
0.1	0.1	2.43	660000	177.0	
0.1	0.1	2.40	670000	180.0	
0.1	0.1	2.38	680000	183.0	
0.1	0.1	2.36	690000	186.0	
0.1	0.1	2.33	700000	189.0	
0.1	0.1	2.31	710000	192.0	
0.1	0.1	2.29	720000	195.0	
0.1	0.1	2.27	730000	198.0	
0.1	0.1	2.24	740000	201.0	
0.1	0.1	2.22	750000	204.0	
0.1	0.1	2.20	760000	207.0	
0.1	0.1	2.18	770000	210.0	
0.1	0.1	2.16	780000	213.0	
0.1	0.1	2.14	790000	216.0	
0.1	0.1	2.12	800000	219.0	
0.1	0.1	2.10	810000	222.0	
0.1	0.1	2.08	820000	225.0	
0.1	0.1	2.06	830000	228.0	
0.1	0.1	2.04	840000	231.0	
0.1	0.1	2.02	850000	234.0	
0.1	0.1	2.00	860000	237.0	
0.1	0.1	1.98	870000	240.0	
0.1	0.1	1.96	880000	243.0	
0.1	0.1	1.94	890000	246.0	
0.1	0.1	1.92	900000	249.0	
0.1	0.1	1.90	910000	252.0	
0.1	0.1	1.88	920000	255.0	
0.1	0.1	1.86	930000	258.0	
0.1	0.1	1.84	940000	261.0	
0.1	0.1	1.82	950000	264.0	
0.1	0.1	1.80	960000	267.0	
0.1	0.1	1.78	970000	270.0	
0.1	0.1	1.76	980000	273.0	
0.1	0.1	1.74	990000	276.0	
0.1	0.1	1.72	1000000	279.0	
0.1	0.1	1.70	1010000	282.0	
0.1	0.1	1.68	1020000	285.0	
0.1	0.1	1.66	1030000	288.0	
0.1	0.1	1.64	1040000	291.0	
0.1	0.1	1.62	1050000	294.0	
0.1	0.1	1.60	1060000	297.0	
0.1	0.1	1.58	1070000	300.0	
0.1	0.1	1.56	1080000	303.0	
0.1	0.1	1.54	1090000	306.0	
0.1	0.1	1.52	1100000	309.0	
0.1	0.1	1.50	1110000	312.0	
0.1	0.1	1.48	1120000	315.0	
0.1	0.1	1.46	1130000	318.0	
0.1	0.1	1.44	1140000	321.0	
0.1	0.1	1.42	1150000	324.0	
0.1	0.1	1.40	1160000	327.0	
0.1	0.1	1.38	1170000	330.0	
0.1	0.1	1.36	1180000	333.0	
0.1	0.1	1.34	1190000	336.0	
0.1	0.1	1.32	1200000	339.0	
0.1	0.1	1.30	1210000	342.0	
0.1	0.1	1.28	1220000	345.0	
0.1	0.1	1.26	1230000	348.0	
0.1	0.1	1.24	1240000	351.0	
0.1	0.1	1.22	1250000	354.0	
0.1	0.1	1.20	1260000	357.0	
0.1	0.1	1.18	1270000	360.0	
0.1	0.1	1.16	1280000	363.0	
0.1	0.1	1.14	1290000	366.0	
0.1	0.1	1.12	1300000	369.0	
0.1	0.1	1.10	1310000	372.0	
0.1	0.1	1.08	1320000	375.0	
0.1	0.1	1.06	1330000	378.0	
0.1	0.1	1.04	1340000	381.0	
0.1	0.1	1.02	1350000	384.0	
0.1	0.1	1.00	1360000	387.0	
0.1	0.1	0.98	1370000	390.0	
0.1	0.1	0.96	1380000	393.0	
0.1	0.1	0.94	1390000	396.0	
0.1	0.1	0.92	1400000	399.0	
0.1	0.1	0.90	1410000	402.0	
0.1	0.1	0.88	1420000	405.0	
0.1	0.1	0.86	1430000	408.0	
0.1	0.1	0.84	1440000	411.0	
0.1	0.1	0.82	1450000	414.0	
0.1	0.1	0.80	1460000	417.0	
0.1	0.1	0.78	1470000	420.0	
0.1	0.1	0.76	1480000	423.0	
0.1	0.1	0.74	1490000	426.0	
0.1	0.1	0.72	1500000	429.0	
0.1	0.1	0.70	1510000	432.0	
0.1	0.1	0.68	1520000	435.0	
0.1	0.1	0.66	1530000	438.0	
0.1	0.1	0.64	1540000	441.0	
0.1	0.1	0.62	1550000	444.0	
0.1	0.1	0.60	1560000	447.0	
0.1	0.1	0.58	1570000	450.0	
0.1	0.1	0.56	1580000	453.0	
0.1	0.1	0.54	1590000	456.0	
0.1	0.1	0.52	1600000	459.0	
0.1	0.1	0.50	1610000	462.0	
0.1	0.1	0.48	1620000	465.0	
0.1	0.1	0.46	1630000	468.0	
0.1	0.1	0.44	1640000	471.0	
0.1	0.1	0.42	1650000	474.0	
0.1	0.1	0.40	1660000	477.0	
0.1	0.1	0.38	1670000	480.0	
0.1	0.1	0.36	1680000	483.0	
0.1	0.1	0.34	1690000	486.0	
0.1	0.1	0.32	1700000	489.0	
0.1	0.1	0.30	1710000	492.0	
0.1	0.1	0.28	1720000	495.0	
0.1	0.1	0.26	1730000	498.0	
0.1	0.1	0.24	1740000	501.0	
0.1	0.1	0.22	1750000	504.0	
0.1	0.1	0.20	1760000	507.0	
0.1	0.1	0.18	1770000	510.0	
0.1	0.1	0.16	1780000	513.0	
0.1	0.1	0.14	1790000	516.0	
0.1	0.1	0.12	1800000	519.0	
0.1	0.1	0.10	1810000	522.0	
0.1	0.1	0.08	1820000	525.0	
0.1	0.1	0.06	1830000	528.0	
0.1	0.1	0.04	1840000	531.0	
0.1	0.1	0.02	1850000	534.0	
0.1	0.1	0.01	1860000	537.0	
0.1	0.1	0.00	1870000	540.0	
0.1	0.1	0.00	1880000	543.0	
0.1	0.1	0.00	1890000	546.0	
0.1	0.1	0.00	1900000	549.0	
0.1	0.1				



输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio	蜗轮 齿数 Permitted meshing tooth Z ₂ [个]	蜗杆 齿数 Service factor K _a [个]	机型号 Model
1.5kW					
43	273	32.48	8630	0.80	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
49	245	29.83	8320	1.00	
57	210	26.77	8200	1.15	
67	186	23.33	8270	1.35	
72	167	19.64	8080	1.30	
76	159	17.82	5430	1.65	
86	138	16.47	5380	1.5	
99	128	14.24	5280	1.30	
117	115	12.10	5180	1.65	
131	95	10.63	5180	1.85	
153	85	8.23	4830	2.0	
96	129	14.24	2670	0.85	S 4T W052.200V-4 SA 4T W052.200V-4 SAP 4T W052.200V-4
117	110	12.70	2620	1.10	
131	99	13.80	2620	1.30	
153	85	8.23	2180	1.30	S 4T W052.200V-4 SA 4T W052.200V-4 SAP 4T W052.200V-4
163	79	8.84	2180	1.35	
184	67	7.26	2530	1.55	
299	44	8.82	1330	0.85	S 3T W052.200V-4 SA 3T W052.200V-4 SAP 3T W052.200V-4
328	39	8.80	1330	0.80	
387	33	8.80	1340	0.80	
2.2kW					
3.3	4838	32.00	32200	0.85	S 2T W052.200V-4 SA 2T W052.200V-4 SAP 2T W052.200V-4
3.6	4410	376	33500	0.85	
3.8	3872	287	33500	1.10	
4.8	3202	232	33500	1.40	
4.8	3202	232	33500	1.40	
3.3	4838	32.00	32200	0.85	S 4T W052.200V-4 SA 4T W052.200V-4 SAP 4T W052.200V-4
3.6	4180	26.22	32300	1.00	
4.1	3736	23.67	33700	1.15	
4.8	3216	19.52	34600	1.30	
4.8	3216	19.52	34600	1.30	
4.8	3126	18.88	34800	1.55	S 5T W052.200V-4 SA 5T W052.200V-4 SAP 5T W052.200V-4
5.5	2780	16.50	35200	1.80	
6.3	2430	14.30	35700	2.00	
7.1	2160	12.50	36200	2.20	
8.0	1920	10.90	36700	2.50	
4.8	3126	18.88	34800	1.30	S 6T W052.200V-4 SA 6T W052.200V-4 SAP 6T W052.200V-4
4.8	2880	16.60	35300	1.55	
5.5	2640	14.50	35800	1.80	
6.3	2400	12.50	36300	2.00	
7.1	2160	10.90	36800	2.20	
8.1	1920	9.50	37200	2.50	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
9.0	1710	8.20	37800	2.80	
10	1500	6.90	38300	3.1	
11	1300	5.80	38800	3.4	
12	1100	4.80	39300	3.7	
8.8	2730	16.58	35200	0.85	S 8T W052.200V-4 SA 8T W052.200V-4 SAP 8T W052.200V-4
9.3	2340	12.43	35700	0.85	
9.8	2140	10.60	36200	1.05	
7.8	1810	10.00	36700	1.15	
8.3	1680	11.20	36800	1.20	
8.8	1520	12.50	37300	1.30	S 9T W052.200V-4 SA 9T W052.200V-4 SAP 9T W052.200V-4
11	1300	12.48	37800	1.60	
11.3	1240	11.43	38300	1.80	
11.6	1130	9.20	38800	2.15	
16	960	6.95	39300	2.50	
16	960	6.95	39300	2.50	S 10T W052.200V-4 SA 10T W052.200V-4 SAP 10T W052.200V-4
17	1000	6.78	39800	2.80	
18	890	7.14	40300	3.00	
20	820	7.63	40700	3.75	
22	840	8.47	40700	3.90	
25	750	57.80	29600	2.1	

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio	蜗轮 齿数 Permitted meshing tooth Z ₂ [个]	蜗杆 齿数 Service factor K _a [个]	机型号 Model
2.2kW					
11	1380	130.00	8140	0.85	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
11	1320	123.20	7110	0.80	
13	1170	117.83	12600	1.00	
15	1008	97.14	13400	1.10	
17	943	86.22	14100	1.15	
19	840	75.20	13800	1.30	
21	745	66.87	13500	1.40	
22	810	63.83	13400	1.35	
25	645	56.82	12100	1.55	
28	588	52.87	12100	1.60	
29	638	48.38	11900	1.75	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
33	560	43.33	11700	1.85	
34	535	41.87	11600	2.1	
39	470	36.94	11300	2.1	
44	425	32.35	11000	2.0	
50	375	28.41	10700	2.0	
56	330	25.87	10400	2.1	
62	310	22.89	9400	2.3	
67	285	20.89	9300	2.3	
77	235	18.89	9300	2.3	
38	578	46.43	7400	0.85	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
34	515	41.89	7400	0.95	
38	460	36.85	7300	1.05	
41	435	34.60	7300	1.10	
48	370	29.63	7100	1.30	
52	340	26.93	7000	1.40	
60	290	23.33	6900	1.60	
68	270	20.37	6900	1.70	
82	238	17.38	6800	1.45	
90	210	16.08	8800	1.80	
103	188	13.73	8700	1.85	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
106	178	12.96	8700	1.95	
128	155	11.81	8500	2.3	
141	152	10.63	8400	2.5	
152	119	8.89	8300	2.6	
98	180	14.26	6600	0.80	
117	162	12.30	6500	1.05	
131	145	10.80	6500	1.15	
153	124	9.23	6400	1.35	
163	117	8.84	6300	1.40	
194	99	7.26	6200	1.50	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
4.8	4710	28.7	23700	0.80	
5.5	4180	26.2	23800	1.00	
6.4	3620	21.8	23900	1.15	
7.6	3060	18.0	24000	1.30	
9.0	2500	14.3	24100	1.55	
10.5	2040	11.0	24200	1.80	
12.2	1680	8.8	24300	2.00	
14.0	1420	7.0	24400	2.20	
16.0	1160	5.5	24500	2.50	
4.8	4290	28.68	23600	0.85	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
5.3	3660	26.22	23700	1.00	
6.0	3030	23.67	24100	1.15	
7.1	2640	19.52	24500	1.30	
7.7	2410	18.05	25000	1.40	
8.7	2030	15.71	25400	1.55	
9.8	1650	13.48	25800	1.80	
11.0	1270	11.25	26200	2.00	
12.3	990	9.00	26600	2.20	
13.7	710	7.00	27000	2.50	
4.8	4290	28.68	23600	0.85	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
5.3	3660	26.22	23700	1.00	
6.0	3030	23.67	24100	1.15	
7.1	2640	19.52	24500	1.30	
7.7	2410	18.05	25000	1.40	
8.7	2030	15.71	25400	1.55	
9.8	1650	13.48	25800	1.80	
11.0	1270	11.25	26200	2.00	
12.3	990	9.00	26600	2.20	
13.7	710	7.00	27000	2.50	

输出 转速 Output speed n ₂ [r/min]	输出 扭矩 Output torque T ₂ [N·m]	传动 比 Ratio	蜗轮 齿数 Permitted meshing tooth Z ₂ [个]	蜗杆 齿数 Service factor K _a [个]	机型号 Model	
3.0kW						
7.8	2700	168.30	27100	0.80	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4	
9.2	2320	151.30	27000	0.85		
10	2130	138.95	26200	1.00		
11	1800	123.68	26000	1.10		
13	1520	110.46	25400	1.15		
14	1550	99.28	25100	1.25		
16	1380	88.16	25000	1.40		
17	1480	81.78	25000	1.50		
18	1230	71.4	24800	1.60		
20	1260	70.43	25400	1.25		
22	1180	66.27	25000	1.40	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4	
23	1030	57.08	24800	1.55		
25	950	47.91	24600	1.65		
32	880	44.03	24800	2.0		
36	775	38.18	24900	2.3		
46	640	34.96	23600	2.5		
16	1280	88.22	11800	0.85	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4	
18	1110	76.25	12000	0.80		
20	1002	68.67	12400	1.0		
22	1110	63.03	10900	1.30		
25	880	58.92	12100	1.10		
28	590	53.87	10800	1.15		
32	680	48.38	10800	1.20		
32	770	43.33	12300	1.40		
34	735	41.07	10000	1.50		
38	645	38.94	10400	1.70		
41	588	32.38	12300	1.80		
48	515	28.41	10100	2.0	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4	
56	495	25.97	9840	2.2		
63	430	22.89	8900	1.80		
67	385	20.89	8500	1.60		
80	345	18.42	6450	2.0		
86	300	17.48	6390	2.2		
92	280	16.28	6210	2.3		
102	260	13.76	6050	2.7		
118	230	12.97	7870	3.1		
131	205	10.88	7870	3.8		
4.0kW						
48	585	34.80	6360	0.80	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4	
47	570	29.63	6320	0.85		
52	485	28.93	6320	1.05		
60	488	23.33	6070	1.20		
68	375	20.37	5230	0.85		
81	320	17.26	5250	1.05		
90	280	16.80	5240	1.10		
102	268	13.73	5210	1.30		
140	240	12.46	5190	1.40	S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4	
127	265	11.03	5100	1.60		
148	188	10.33	5040	1.85		
161	184	8.68	4840	2.1		
195	145	7.56	4830	2.8		
128	189	12.88	3990	0.85		S 7T W052.200V-4 SA 7T W052.200V-4 SAP 7T W052.200V-4
152	171	9.23	3870	1.00		
162	164	8.46	3870	1.10		
192	136	7.28	3800	1.10		
4.5kW						
5.9	4780	27.9	27300	0.8	S 8T W052.200V-4 SA 8T W052.200V-4 SAP 8T W052.200V-4	
6.9	4490	29.5	27300	0.85		



输出 转速 Output speed n_2 [r/min]	输出 转矩 Output torque T_2 [N·m]	传动 比 Ratio i	允许 过载 Permitted overload load F_{ov} [%]	使用 系数 Service factor K_f	机型号 Model
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5.5kW

29	2280	77.18	28100	0.88	S 4T W055-S09-4
32	1860	84.03	28700	0.98	SF 4T W055-S09-4
35	1650	91.41	29100	1.08	SAF 4T W055-S09-4
30	1080	41.51	29100	1.08	SAF 4T W055-S09-4
32	1440	54.63	29200	1.18	S 4T W055-S10-4
37	1260	59.19	29200	1.28	SF 4T W055-S10-4
41	1110	64.99	29300	1.38	SAF 4T W055-S10-4
45	1040	69.23	29400	1.48	S 4T W055-S11-4
52	910	77.28	29700	1.73	SF 4T W055-S11-4
58	870	79.83	29800	1.78	SAF 4T W055-S11-4
67	750	91.43	29800	1.88	S 4T W055-S12-4
75	670	103.70	29800	1.88	SAF 4T W055-S12-4
80	600	114.43	30000	2.0	S 4T W055-S13-4
91	510	126.44	30000	2.0	SF 4T W055-S13-4
102	460	134.56	30000	2.0	SAF 4T W055-S13-4
117	370	154.77	30000	2.2	S 4T W055-S14-4
131	310	176.83	30000	2.3	SAF 4T W055-S14-4

35	1320	41.67	2780	0.88	S 7T W055-S09-4
40	1180	38.94	2780	0.98	SF 7T W055-S09-4
44	1060	35.38	2780	1.08	SAF 7T W055-S09-4
80	620	28.41	2920	1.18	S 7T W055-S10-4
87	520	29.27	2940	1.28	SF 7T W055-S10-4
94	450	31.34	2950	1.38	SAF 7T W055-S10-4
70	620	16.42	3000	1.15	S 7T W055-S09-4
82	590	17.45	3170	1.28	SF 7T W055-S09-4
84	570	17.83	3180	1.38	SAF 7T W055-S09-4
104	470	21.78	3430	1.48	S 7T W055-S10-4
116	410	24.17	3480	1.58	SAF 7T W055-S10-4
134	360	26.65	3480	2.0	S 7T W055-S11-4
151	320	29.44	3480	2.2	SF 7T W055-S11-4
177	270	33.33	3480	2.3	SAF 7T W055-S11-4

7.5kW

44	1180	105.71	32800	0.88	S 8T W055-S12-4
48	1060	114.43	33100	0.98	SF 8T W055-S12-4
58	910	126.44	33400	1.08	SAF 8T W055-S12-4
30	3280	71.43	34600	1.08	S 8T W055-S13-4
32	2930	79.45	34600	1.18	SF 8T W055-S13-4
34	2700	86.29	34600	1.28	SAF 8T W055-S13-4
29	2320	95.78	35800	1.38	S 8T W055-S14-4
33	2280	99.87	36000	1.48	SF 8T W055-S14-4
32	2080	108.88	38100	1.58	SAF 8T W055-S14-4
38	1860	120.41	38100	1.68	S 8T W055-S15-4
40	1680	130.96	38200	2.0	SF 8T W055-S15-4
44	1480	144.69	38500	2.2	S 8T W055-S16-4
50	1260	164.38	39000	2.3	SF 8T W055-S16-4
81	1110	233.59	39400	2.3	S 8T W055-S17-4
87	1080	241.23	39700	2.8	SF 8T W055-S17-4
76	910	289.23	39700	2.8	SAF 8T W055-S17-4

32	1970	44.23	27800	0.88	S 6T W055-S09-4
37	1730	38.70	27800	0.98	SF 6T W055-S09-4
41	1670	34.84	27800	1.08	SAF 6T W055-S09-4
45	1420	31.43	26500	1.18	S 6T W055-S10-4
52	1270	37.28	26500	1.28	SF 6T W055-S10-4
58	1190	35.26	26500	1.38	SAF 6T W055-S10-4
67	1020	41.43	27000	1.48	S 6T W055-S11-4
73	900	46.70	27200	1.58	SF 6T W055-S11-4
80	820	51.48	27300	1.68	SAF 6T W055-S11-4
87	730	58.61	27400	1.78	S 6T W055-S12-4
102	660	64.06	27400	1.88	SF 6T W055-S12-4
117	570	74.21	27400	2.0	SAF 6T W055-S12-4
131	510	82.17	27400	2.2	S 6T W055-S13-4
145	450	91.11	27400	2.3	SF 6T W055-S13-4
161	370	105.67	27400	2.7	S 6T W055-S14-4
181	310	122.90	27400	2.7	SAF 6T W055-S14-4

输出 转速 Output speed n_2 [r/min]	输出 转矩 Output torque T_2 [N·m]	传动 比 Ratio i	允许 过载 Permitted overload load F_{ov} [%]	使用 系数 Service factor K_f	机型号 Model
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7.5kW

83	1260	28.41	3240	0.88	S 11T W055-S09-4
87	1170	29.67	3240	0.98	SF 11T W055-S09-4
94	1060	32.44	3240	1.08	SAF 11T W055-S09-4
78	580	19.42	3300	0.85	S 11T W055-S10-4
82	570	17.45	3280	0.98	S 11T W055-S10-4
86	520	19.28	3280	1.08	SF 11T W055-S10-4
104	430	23.76	3480	1.18	S 11T W055-S11-4
118	380	27.11	3480	1.28	SF 11T W055-S11-4
134	340	29.85	3510	1.45	S 11T W055-S12-4
151	300	33.67	3510	1.65	SF 11T W055-S12-4
177	260	38.06	3580	1.85	SAF 11T W055-S12-4

9.2kW

78	3810	78.38	33600	0.88	S 9T W055-S12-4
82	3210	89.45	34800	0.98	SF 9T W055-S12-4
98	3010	95.79	34800	1.08	SAF 9T W055-S12-4
79	2740	86.87	35300	1.23	S 9T W055-S13-4
82	2460	94.89	35300	1.35	SF 9T W055-S13-4
94	2200	103.63	35300	1.45	SAF 9T W055-S13-4
49	1820	32.80	36400	1.78	S 9T W055-S14-4
55	1610	36.39	36700	1.78	SF 9T W055-S14-4
61	1380	41.83	37200	1.8	SAF 9T W055-S14-4
68	1220	47.23	37300	2.1	S 9T W055-S15-4
75	1110	51.63	37300	2.2	SF 9T W055-S15-4
84	990	57.20	37300	2.3	SAF 9T W055-S15-4
93	890	62.42	38000	2.8	S 9T W055-S16-4
110	780	71.67	37000	2.1	S 9T W055-S17-4
128	680	81.61	38200	2.3	SF 9T W055-S17-4

41	1910	34.86	25800	0.88	S 6T W055-S10-4
48	1730	31.43	25300	0.98	SF 6T W055-S10-4
53	1550	27.78	24400	1.08	SAF 6T W055-S10-4
59	1350	24.43	24400	1.30	S 6T W055-S11-4
71	1120	20.27	23700	1.43	SF 6T W055-S11-4
73	1020	18.70	23600	1.53	S 6T W055-S12-4
82	900	17.45	23300	1.63	SF 6T W055-S12-4
92	800	15.84	23000	1.43	S 6T W055-S13-4
102	680	14.86	22700	1.53	SF 6T W055-S13-4
118	570	13.21	22200	1.63	S 6T W055-S14-4
132	480	10.83	18800	2.0	SF 6T W055-S14-4
158	420	9.27	18100	2.2	S 6T W055-S15-4
183	380	8.38	18800	2.3	SF 6T W055-S15-4

78	1340	18.97	2760	0.98	S 11T W055-S09-4
70	1280	13.78	1230	0.98	SF 11T W055-S09-4
118	680	12.21	2280	1.63	S 11T W055-S10-4
138	620	10.88	2380	1.73	SF 11T W055-S10-4
152	530	9.44	2630	1.83	S 11T W055-S11-4
178	480	8.95	4350	1.93	SF 11T W055-S11-4

11.0kW

26	3670	65.79	33600	0.98	S 10T W055-S12-4
29	3290	69.67	34000	1.08	SF 10T W055-S12-4
32	2910	74.81	34400	1.18	SAF 10T W055-S12-4
35	2700	80.65	34400	1.23	S 10T W055-S13-4
42	2400	86.09	33800	1.43	SF 10T W055-S13-4
47	2120	92.60	33200	1.48	SAF 10T W055-S13-4
58	1810	26.39	28400	1.48	S 10T W055-S14-4
61	1620	23.69	28000	1.68	SF 10T W055-S14-4
68	1460	21.33	28400	1.83	SAF 10T W055-S14-4
75	1320	19.23	28200	1.93	S 10T W055-S15-4
84	1180	17.25	27800	2.2	SF 10T W055-S15-4
93	1070	15.42	27200	2.3	S 10T W055-S16-4
110	950	13.07	28400	2.8	SF 10T W055-S16-4
128	780	11.41	25700	2.8	S 10T W055-S17-4

83	1800	27.38	33700	0.88	S 9T W055-S12-4
88	1610	24.43	33400	1.08	SF 9T W055-S12-4
71	1340	20.27	32800	1.30	SAF 9T W055-S12-4

输出 转速 Output speed n_2 [r/min]	输出 转矩 Output torque T_2 [N·m]	传动 比 Ratio i	允许 过载 Permitted overload load F_{ov} [%]	使用 系数 Service factor K_f	机型号 Model
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11.0kW

73	1340	18.70	29400	0.88	S 9T W055-S12-4
82	1190	17.40	29200	1.08	SF 9T W055-S12-4
92	1070	15.84	29000	1.18	SAF 9T W055-S12-4
102	960	14.38	28800	1.30	S 9T W055-S13-4
118	840	12.21	28400	1.50	SF 9T W055-S13-4
132	750	10.83	28100	1.68	SAF 9T W055-S13-4
190	620	9.07	18600	1.85	S 9T W055-S14-4
183	545	7.98	18100	1.85	SF 9T W055-S14-4

15.0kW

33	4080	64.80	31400	0.88	S 9T W055-S12-4
36	3630	68.85	31000	0.98	SF 9T W055-S12-4
41	3230	76.85	31000	1.30	SAF 9T W055-S12-4

45	2920	32.80	38000	1.18	S 9T W055-S13-4
58	2430	28.39	28400	1.08	S 9T W055-S14-4
62	2180	23.89	28300	1.28	SF 9T W055-S14-4
68	1970	21.23	28200	1.38	SAF 9T W055-S14-4
78	1780	18.23	28000	1.48	S 9T W055-S15-4
86	1580	17.25	25700	1.68	SF 9T W055-S15-4
95	1430	15.42	25400	1.78	SAF 9T W055-S15-4

112	1220	13.87	24800	1.98	S 9T W055-S16-4
126	1060	11.41	24300	2.1	SF 9T W055-S16-4
153	890	9.86	23600	2.3	S 9T W055-S17-4
177	770	8.26	22800	2.3	SF 9T W055-S17-4

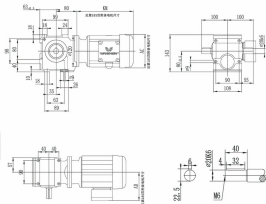
93	1430	18.84	17800	0.88	S 9T W055-S12-4
104	1290	14.28	17800	0.88	SF 9T W055-S12-4
120	1120	12.21	17800	1.10	SAF 9T W055-S12-4

15.0kW

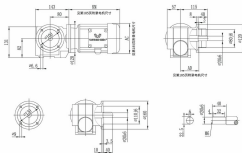
10.5kW				
41	3970	36.85	28700	0.88
45	3580	32.80	28600	0.90
53	3060	27.83	28400	1.30
61	2680	24.13	28100	1.33
68	2420	21.23	28100	1.50



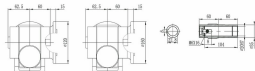
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SF37..

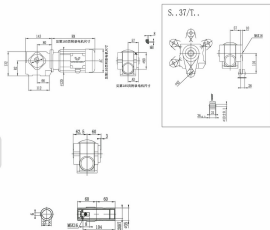


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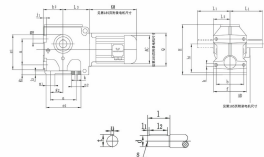




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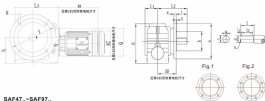
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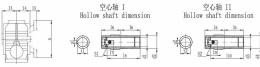
型号 Model	a b	g f	g f	h h ₁	L L ₁	m m ₁	轴伸尺寸 Shaft dimension				L ₁ L ₂	H	N Q
							d 1	L L ₁	s	1 1 ₁			
S47..	80	105	35	100..	12	25	25x6	5	M10	28	115	166	6 126
	100	112	35	75..	15	30	30	40		8	60		
S57..	100	130	35	112..	12	30	30x6	3.5	M10	33	134	189	20 120
	110	130	45	85..	16	30	30	50		5	71		
S67	130	170	45	140..	15	40	35x6	7	M12	38	160	236	22 160
	130	175	60	105..	20	45	70	96		10	85.5		
S77	135	177	75	180..	25	42	45x6	5	M16	45.5	185	301	34 200
	150	204	75	125..	25	50	90	80		14	101		
S87	180	230	82	225..	30	60	60x6	8	M20	54	255	366	37.5 250
	200	247	82	190..	32	67	125	110		18	130		
S97	235	295	88	280..	35	80	70x6	7.5	M20	74.5	295	456	52 300
	250	320	115	190..	35	85	140	125		25	150		



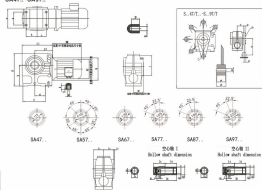
SF47...-SF97...



SAF47...-SAF97...



SA47...-SA97...

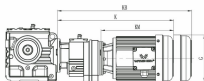


型号 Model	油封型式 Seal form	a b	c d	f g	h	轴伸尺寸 Shaft dimension	空心轴 I 尺寸 Hollow shaft I dimension	空心轴 II 尺寸 Hollow shaft II dimension	H	L1 L2	L3 L4	N Q
SF47... SAF47...	Fig.1	160 110	3.5 10	130 130	2946 88	M10 8	38 25	63 17	68 33.0	M16K25 8	26 17	171 8
SF77... SAF77...	Fig.1	200 130	3.8 12	185 112	3046 88	M10 30	38 50	78 28	112 33.0	M16K25 8	36 50	187 120
SF87... SAF87...	Fig.1	200 130	3.5 12	185 112	3046 73	M12 36	48 10	87 28	84 48.0	M16K40 8	46 29	242 190
SF77... SAF77...	Fig.1	200 130	4 15	215 130	4546 90	M16 80	68 10	108 37	108 45.5	M20K50 16	56 32	267 230
SF87... SAF87...	Fig.1	350 230	5 18	330 225	8046 120	M20 110	78 16	128 34	128 52.5	M20K50 16	66 38	348 250
SF97... SAF97...	Fig.2	450 300	5 22	430 280	7046 148	M20 128	98 20	148 41	148 55.4	M24K80 20	78 34	432 330

型号 Model	a b	c d	f g	h	k m	p q	空心轴 I 尺寸 Hollow shaft I dimension	空心轴 II 尺寸 Hollow shaft II dimension	扭矩范围 Torque range	H L	N Q
SA47... S.47T...	60 35	127 52	180 103	23 4	12 M8	38 48	83 60	67 33.3	17 105	171 8	170 8
SA57... S.57T...	80 50	140 56	112 73	20 12	18 M8	38 56	78 73	22 38.3	28 132	187 120	187 120
SA67... S.67T...	80 71	126 50	140 90	20 12	18 M12	48 52	87 84	29 48.8	28 144	242 190	242 190
SA77... S.77T...	182 95	184 234	180 154	32 18	20 M12	68 108	108 108	37 64.4	32 183	301 232	301 232
SA87... S.87T...	118 118	184 234	180 154	32 18	20 M12	68 108	108 108	37 64.4	32 183	301 232	301 232
SA97... S.97T...	180 138	238 281	240 200	38 20	28 M16	98 148	148 148	41 95.4	38 228	432 330	432 330



8.-R.-



9.设计和装配注意事项 Important notes of design and mounting

9.1 拆装单键空心轴减速机

9.1 Installation/removal of gear units with hollow shafts and keys

重要提示

Installation

在装配过程中一定要使用所供出的润滑剂。它的作用是防止接触腐蚀和便于拆卸。

The lubricant supplied must be used during the assembly process. Its function is to prevent contact corrosion and facilitate disassembly.

键的尺寸X是由用户确定。但必须 $X > D_k$ 。

The Key dimension X is defined by the customer, however X must be $> D_k$.

安装

Customer shaft

推荐两种方法将用户轴安装到单键空心轴上。

Recommends two methods for mounting gear unit with hollow shafts and keys onto the input shaft of the driver machine (customer shaft):

1. 用提供的固定元件进行装配。

Install with supplied fastening elements

2. 用户可选件，需加工后使用装配。

Install using the optional

installation/removal kit

9.1.1 提供固定元件

9.1.1 Fastening elements

标准产品提供下列固定元件。

The following fastening elements are supplied as standard:

带垫片的紧固螺栓

Retaining screw with washer①

毛冲销圈

Circlip②



带垫片的紧固螺栓

用户轴的安装长度必须为 L_8-1 (mm) (图)

Installation length of customer shaft with contact

shoulder(A) must be L_8-1 mm

用户轴不带垫圈

安装长度必须等于 L_8 (图)

Installation length of customer shaft with contact

shoulder(B) must be equal to L_8

紧固螺栓零件表所列尺寸均适用。

The retaining torque M5 listed the following table

空心轴 Hollow shaft

带垫片的紧固螺栓 Retaining screw with washer

毛冲销圈 Circlip

带用户轴 Customer shaft

图：带轴安装用户轴 (A) 和不带轴安装用户轴 (B)

User shaft (A) with and without shaft attached user shaft (B)

减速机型号 Gear unit type	D[mm]	D K[mm]	L8[mm]	M5[Nm]
SA_37	38	38	86, 106, 104	8
SA_47	38	38	100	10
PA_37 KA_37 SA_47 SA_57	38	38	100	10
PA_47 KA_47 SA_57	38	38	100	20
PA_57 KA_57	48	48	143	40
SA_57 KA_57	48	48	144	40
SA_67	45	45	144	40
PA_77 KA_77 SA_77	58	58	163	40
PA_87 KA_87	68	68	210	80
SA_77 KA_87	68	68	193, 229	80
PA_97 KA_97	78	78	270	80
SA_97 KA_97	78	78	250, 262	80
PA_107 KA_107 SA_107	98	98	313, 313, 266	100
PA_127 KA_127	100	100	373	100
PA_157 KA_157	120	120	446	100

型号组合	功率[KW]	AC	K	KB	KM
S_4TR37 S_5TR37	0.18	128	271.5	408	208.5
	0.25-0.37	128	332.844.5	487.5-521	267.3-16.5
	0.55-0.75	180	411.5-14.2	488.5-537	348.5-247
S_6TR37	0.18	128	271.5	408	208.5
	0.25-0.37	128	332.844.5	487.5-521	267.3-16.5
	0.55-0.75	180	411.5-14.2	488.5-537	348.5-247
S_7TR37	1.1-1.5	182	455	508.5	298
	0.18	128	271.5	408	208.5
	0.25-0.37	128	364.961.5	385.5-413	357.3-19.5
S_8TR37	0.55-0.75	180	423.5-10.8	448.5-449	346.5-247
	1.1-1.5	182	455	508.5	298
	0.18	128	423.5	459	390.5
S_9TR37	0.25-0.37	128	423.5-10.8	450.5-472	297.3-18.5
	0.55-0.75	180	482.5-14.2	501.5-508	348.5-247
	1.1-1.5	182	514	508.5	298
S_10TR37	2.2	218	608.5	608.5	323.5
	3	218	608.5	608.5	323.5
	0.18	128	477.5	459	306.5
S_11TR37	0.25-0.37	128	418.5-10.8	463.5-467	261.3-18.5
	0.55-0.75	180	475.5-14.2	502.5-503	348.5-247
	1.1-1.5	182	509	504.5	298
S_12TR37	2.2	218	633.5	598.5	323.5
	3	218	593.5	595.5	323.5
	4	218	548.5	571.5	338.5

注：上述电机尺寸均为参考尺寸，如空间限制电机尺寸有严格要求时请咨询本公司销售。

Note: The dimension of motor in the above table is only reference. If you have special requirement, please consult us.



9.1.2 拆装工具

9.1.2 Installation /removal kit

可使用的套件，拆装工具进行装配，可以通过表中给出的零件号订购成套机的
拆装工具。拆装工具包含以下零件：

- 对设有轴肩的户轴装配所用的轴套
- 拆卸用的压盖
- 装配用的固定螺栓
- 拆卸用的螺母

You can use the optional installation/removal kit for installation. The kit can be ordered for the specific gear unit types by quoting the part numbers in the table below. The accessories of the tools including:

- Distance piece for installation without contact shoulder②
- Retaining screw for installation ②
- Removal washer for installation ①
- Fixed nut for removal ③

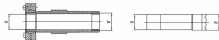


9.2 带轴阶的空心轴和键紧盘选项

9.2 Shouldered hollow shaft with shrink disk (optional components)

带空心轴键紧盘的减速机 (FH/FHF/FH237-157) 平行轴减速机KH/KH237-157 斜齿锥-蜗轮减速机SH/SF47-67 斜齿蜗轮蜗杆减速机, 可提供较大的轴孔直径D' 作为选项 D=D' 为标准产品

Gear units with hollow shaft and shrink disk (FH/FHF/FH237-157), parallel shaft gear units (KH/KH237-157), helical-bevel gear unit and helical-worm gear units (SH/SF47-67) can be supplied with an optional larger hole diameter D'. The standard is D=D'.



图：选项轴孔直径D'

Fig. Optional hole diameter D'

减速机型号 Gear unit size	孔径 D/D' Hole diameter
FH/FHF/FH237, KH/KH237, SH/SF/SF47	30/32
FH/FHF/FH247, KH/KH247, SH/SF/SF47	36/36
FH/FHF/FH257, KH/KH257	40/42
FH/FHF/FH267, KH/KH267, SH/SF/SF47	40/42
FH/FHF/FH277, KH/KH277, SH/SF/SF47	50/52
FH/FHF/FH287, KH/KH287, SH/SF/SF47	65/66
FH/FHF/FH297, KH/KH297, SH/SF/SF47	75/76
FH/FHF/FH307, KH/KH307	95/96
FH/FHF/FH3127, KH/KH3127	105/106
FH/FHF/FH3157, KH/KH3157	125/126

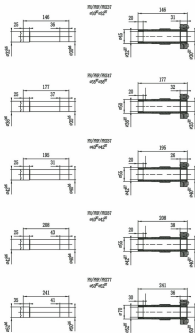
订购带轴阶的空心轴减速机 (可选轴孔直径D') 必须注明D/D' 尺寸。

例如: FH37 D30/34 30/32

Diameter D/D' must be specified when ordering gear units with a shouldered hollow shaft (optional hole diameter D').

带轴阶空心轴和键紧盘的平行轴减速机

Parallel shaft helical gear unit with shouldered hollow shaft





FL90B/YB207

$\phi 60^H/\phi 60^H$



FL90B/YB207

$\phi 70^H/\phi 70^H$



FL90B/YB218T

$\phi 80^H/\phi 80^H$



FL90B/YB212T

$\phi 100^H/\phi 100^H$



FL90B/YB215T

$\phi 125^H/\phi 125^H$



带轴胎空心轴和键紧盘的斜齿轮—推齿轮减速电机
Helical-bevel gear unit with shouldered hollow shaft and shrink disk



KD90B/YB207

$\phi 32^H/\phi 32^H$



KD90B/YB207

$\phi 32^H/\phi 32^H$



KD90B/YB207

$\phi 42^H/\phi 42^H$



KD90B/YB207

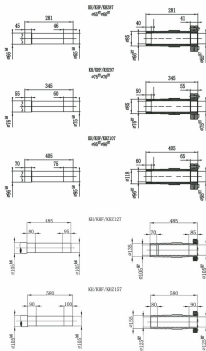
$\phi 42^H/\phi 42^H$



KD90B/YB207

$\phi 42^H/\phi 42^H$





带轴验空心轴和键紧套的斜齿轮—蜗杆减速机
Helical-worm gear unit with shouldered hollow shaft and shrink disk

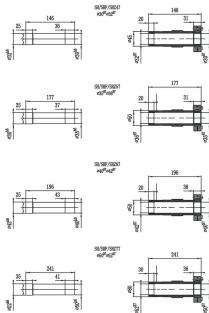


Fig.1

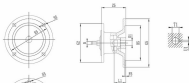


Fig.2



Fig.1

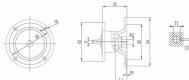


Fig.2



减速机型号 Gear unit type	安装类型 Coupling type	Fig.	G5	D	G5	F5	G2	G6	G8	Z5	D1	L1	T1	U1													
R_97 P_97 K_97 S_97	AM100	1	180	18	215	5	300	250	M12	116	28	80	31.3	8													
	AM112			18				300		169	38	80	41.3	10													
	AM132S AM132M		230	22	265			6		400	M16	227	42	110	45.3	12											
	AM132ML			28									48	51.6	14												
	AM150		290	32	300							T	450	268	58	58.3	16										
	AM160			32											283	60	140	64.4	18								
	AM200		380	38	350										2	350	M12	227	42	110	45.3	12					
	AM225			38	400														48	51.6	14						
	AM100		1	180	18													215	5	350	250	M12	116	28	80	31.3	8
	AM112				18																300		169	38	80	41.3	10
AM132S AM132M	230	22		265	6	400	M16		227									42			110		45.3	12			
AM132ML		28																48			51.6		14				
AM150	290	32		300				T	450	268	58							58.3			16						
AM160		32									283							60			140		64.4	18			
AM200	380	38		350							2	350	M12	227				42			110		45.3	12			
AM225		38		400														48			51.6		14				
R_107 K_107 K_107	AM100	1		180										18	215	5	350	250			M12		116	28	80	31.3	8
	AM112													18				300					169	38	80	41.3	10
	AM132S AM132M		230	22										265	6			400	M16	227		42	110	45.3	12		
	AM132ML			28																		48	51.6	14			
	AM150		290	32	300	T	450							268						58		58.3	16				
	AM160			32																283		60	140	64.4	18		
	AM200		380	38	350			2	350	M12										227		42	110	45.3	12		
	AM225			38	400																	48	51.6	14			
R_137	AM132S AM132M	1	230	22	265						5	400	300			M12	136			38	80	41.3	10				
	AM132ML			28									350				227			42	110	45.3	12				
	AM150		290	32	300								6		350		M16	214	42	110	45.3	12					
	AM160			32															48	51.6	14						
	AM200		380	38	350	T	450							255				55	55.3	16							
	AM225			38	400													58	58.3	16							
	AM225		2	380	38			400	450	270								60	140	66.4	18						
	AM225		350	38	400			450	270	60								140	66.4	18							
AM225	350	38	400	450	270			60	140	66.4	18																
AM225	350	38	400	450	270			60	140	66.4	18																
AM225	350	38	400	450	270			60	140	66.4	18																
AM225	350	38	400	450	270			60	140	66.4	18																

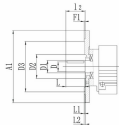
减速机型号 Gear unit type	安装类型 Coupling type	Fig.	G5	D	G5	F5	G2	G6	G8	Z5	D1	L1	T1	U1
R, 147 P, 127 K, 127	AM132S	1	230	22	265	5	450	300	M12	148	38	80	41.3	10
	AM132M		230	22	265			350		206	42	110	45.3	12
	AM132ML		230	28	300			400		247	48	110	51.6	14
	AM160		250	28	300			450		282	60	140	64.4	18
	AM160		250	32	300			450		282	60	140	64.4	18
	AM200		300	38	350			450		282	60	140	64.4	18
	AM225		380	38	400			450		282	60	140	64.4	18
	AM250		450	48	500			450		282	60	140	64.4	18
	AM250		450	48	500			450		282	60	140	64.4	18
	AM250		450	48	500			450		282	60	140	64.4	18
R, 187 P, 157 K, 157 K, 187	AM160	1	250	28	300	6	550	350	M16	198	48	110	51.6	14
	AM160		250	32	300			400		236	55	110	58.3	16
	AM200		300	38	350			450		254	60	140	64.4	18
	AM225		380	38	400			450		254	60	140	64.4	18
	AM250		450	48	500			450		254	60	140	64.4	18
	AM250		450	48	500			450		254	60	140	64.4	18
	AM250		450	48	500			450		254	60	140	64.4	18
	AM250		450	48	500			450		254	60	140	64.4	18
	AM250		450	48	500			450		254	60	140	64.4	18
	AM250		450	48	500			450		254	60	140	64.4	18

1) 如果安装在R, K和S系列减速机上, 请检查尺寸G5/2, 它可能比安装表面。
If it is installed on gear units with foot-mounted, R, K and S series, please check the dimension of G5/2 as it may have protruded above surface.

9.5 电机尺寸表
9.5 The size of motor

电机型号	AC	AD	EM	电机型号	AC	AD	EM	电机型号	AC	AD	EM
W550.120W-4	129	188	186.5	W55A80.150W-4	169	125	252	W55V94.300W-4	219	145	405.5
W55B6.120W-4	129	171	222	W55V90.150W-4	169	125	352	W55V94.600W-4	219	145	405.5
W55A80.120W-4	129	171	222	W55V90.300W-4	169	125	352	W55S.300W-4	257	188	439
W55V90.120W-4	129	171	324	W55V96.750W-4	169	125	352	W55S.150W-4	257	191	477
W55V96.120W-4	129	171	324	W55I.100W-4	192	133	296	W55A6.300W-4	257	191	477
W55V96B1.120W-4	129	171	324	W55B1.15W-4	192	136	343.5	W55V95.300W-4	257	191	477
W550.180W-4	129	188	206.5	W55A81.10W-4	192	136	343.5	W55V95.50W-4	257	191	522
W55B6.180W-4	129	171	263	W55V91.10W-4	192	136	388.5	W55V94S.30W-4	257	191	522
W55A80.180W-4	129	171	263	W55V91.15W-4	192	136	443.5	W55I.300W-4	257	188	452
W55V90.180W-4	129	171	325	W55V94B1.10W-4	192	136	443.5	W55B7.50W-4	257	191	520
W55V96.180W-4	129	171	355	W55I.50W-4	192	133	296	W55A81.30W-4	257	191	520
W55V96B1.180W-4	129	171	355	W55B7.50W-4	192	136	343.5	W55V91.30W-4	257	191	520
W550.250W-4	129	188	227	W55V91.50W-4	192	136	343.5	W55V97.50W-4	257	191	565
W55B6.250W-4	129	171	242.5	W55V91.50W-4	192	136	388.5	W55V90.750W-4	257	191	565
W55A80.250W-4	129	171	242.5	W55V91.50W-4	192	136	443.5	W55I.100W-4	216	195	500
W55V90.250W-4	129	171	343.5	W55V94B1.50W-4	192	136	443.5	W55B1.10W-4	216	195	600
W55V96.250W-4	129	171	354.5	W55I.200W-4	219	145	322.5	W55A81.10W-4	216	195	600
W55V96B1.250W-4	129	171	354.5	W55B2.20W-4	219	145	384.5	W55V91.10W-4	216	195	555
W550.30W-4	129	188	219.5	W55A82.20W-4	219	145	384.5	W55V91.15W-4	216	195	645
W55B6.30W-4	129	171	256	W55V92.20W-4	219	145	422.5	W55V94B1.10W-4	216	195	645
W55A80.30W-4	129	171	256	W55V92.20W-4	219	145	467.5	W55I.50W-4	216	195	508
W55V90.30W-4	129	171	328	W55V94B1.20W-4	219	145	467.5	W55B1.50W-4	216	195	600
W55V96.30W-4	129	171	368	W55I.00W-4	219	145	322.5	W55A81.50W-4	216	195	600
W55V96B1.30W-4	129	171	368	W55B3.30W-4	219	145	384.5	W55V91.30W-4	216	195	558
W550.50W-4	169	122	240.5	W55A83.30W-4	219	145	384.5	W55V91.50W-4	216	195	645
W55B6.50W-4	169	129	291.5	W55V93.00W-4	219	145	422.5	W55V94B1.50W-4	216	195	645
W55A80.50W-4	169	129	291.5	W55V93.30W-4	219	145	467.5	W55I.300W-4	280	265	584
W55V90.50W-4	169	129	351.5	W55V94B1.00W-4	219	145	467.5	W55A81.50W-4	280	265	666
W55V96.50W-4	169	129	391.5	W55A.00W-4	219	145	338.5	W55A81.50W-4	280	265	666
W55V96B1.50W-4	169	129	391.5	W55A6.30W-4	219	145	400.5	W55V91.50W-4	280	265	614
W550.75W-4	169	122	247	W55A84.30W-4	219	145	400.5	W55V91.50W-4	280	265	689
W55B6.75W-4	169	129	292	W55V94.00W-4	219	145	438.5	W55V94B1.50W-4	280	265	689

注：上表中电机尺寸均为额定功率和额定电压下的尺寸，具体尺寸根据电机和电压等级而定，设计时请按照电机尺寸和电压等级进行设计。
Notice: The data in the above table is only for reference. Actual size will be determined by the length of iron and the size connecting flange. If you have any special requirements, please contact us.

9.6 RF、和R、F减速机法兰外形图
9.6 Flange contours of RF and R...F gear units

选择和安装输出零件时请注意L1和L2尺寸
Check dimensions L1 and L2 for selection and installation of output elements

规格 Type	A1	D	D1	D2		D3	F1	I2	L	L1			L2
				RF	R...F					RF	R...F	F	
RF27	120	25	36	68	63	70	3	80	66	5	4	7	
	180				-	96	3.5			1	-	7.5	
	230				-	118	3.5			1	-	7.5	
	160				84	82	3			4	1	6	
RF47	180	36	38	72	-	96	3.5	80	66	0.5	-	6.5	
	230				-	116	3.5			0.5	-	6.5	
	190				75	96	3.5			4	2.5	5	
	230				-	116	3.5			0	-	5	
RF57	230	36	40	76	-	160	4	70	70	0.5	-	5.5	
	290				80	116	3.5			2	4	7	
	230				-	180	4			0.5	-	5.5	
	290				-	180	4			1	-	7.5	
RF67	230	36	50	98	-	116	3.5	70	70	0.5	2.3	7	
	290				-	270	4			0.5	-	7	
	230				122	270	4			0	1.5	8	
	290				-	220	5			1	-	9	
RF77	230	40	52	112	-	180	4	80	80	0.5	2.3	7	
	290				-	270	4			0.5	-	7	
	230				122	270	4			0	1.5	8	
	290				-	220	5			1	-	9	
RF87	330	56	62	123	-	230	4	160	160	0	1.5	8	
	330				220	270	4			0	1.5	8	
	330				220	270	4			0	1.5	8	
	330				-	220	5			1	-	9	
RF97	330	66	72	138	-	230	5	120	120	0			9
	430				320	270	5			0			
	330				232	270	5			0			
	430				336	5	140	140	0				
RF127	430	96	108	168	-	376	5	170	170	0			10
	430				476	5	170	170	0				
	430				476	5	170	170	0				
	430				-	476	5	210	210	0			
RF167	530	118	128	218	-	476	5	210	210	0			10
	530				476	5	210	210	0				
	530				476	5	210	210	0				
	530				-	476	5	210	210	0			
RF167	530	120	148	256	-	517	6	210	210	0			11
	530				517	6	210	210	0				
	530				517	6	210	210	0				
	530				-	517	6	210	210	0			



9.7 减速机安装

安装减速机时一定需要使用8.8级螺栓

9.7 Gear unit mounting Always use bolts quality 8.8 for mounting gear units and geared motors

例外

Exception

当有样本上所指定的额定扭矩时, 下面几种法兰安装 (RF.) 和轴端/法兰安装 (RF.) 的斜齿轮减速机, 这些和用户安装单元固定时一定要用 10.9 级的螺栓。

RF20

RF47

RF57

When the rated torque specified in the catalogue is transmitted, for the following flange-mounted (RF.) helical gear motors and foot/flange mounted helical motor, it is required to use 10.9 quality bolts for fastening the flange to the customer supplied unit:

- RF37
- RF47
- RF57

KH167_KH187

的力矩臂

对于减速机KH167_和KH187_作为标准配置, 一般不提供扭矩臂, 如果需要, 请和工厂联系, 我们将给出推荐的安装位置和尺寸。
As stand and, there are no torque arms available for gear unit sizes KH167_ and KH187_. Please contact if you require torque arms for these gear units. We will submit the configuration of recommendations.

9.8 润滑

9.8 Lubricants

概述

General

information

除非特别要求, 所提供的减速机内应注其减速机应加注了油。订货时, 所规定的安装位置对注油量的多少是一个决定性因素。对于安装位置的调整必须相应地调节注油量。(按194页注油量表)。

Unless there is a special requirement, always supplies the gear unit with lubricant according to its specification. The decisive factor of oil injection quantity is the mounting position specified when ordering. The oil injection quantity must be adjusted accordingly should if the mounting position was adjusted afterwards. (Please refer to the table of lubricant injection quantity on Page 190.)

润滑油的等级
和粘度类型
Lubricating oil
grade and
viscosity
Grade

推荐使用的润滑油见P189页润滑油表其等级和粘度指标如下表

Recommended lubricant of refer to Page 189. The grade and conglutination index in the following.

润滑油类型 Normal lubricating	粘度指标 conglutination index	环境温度℃ Ambient temperature	减速机型号 Gear unit type
Mineral oil CLP(cc)	ISOVG 220	-15~+40	R系列, F系列 K系列减速机
	ISOVG 680	0~+40	S系列减速机

特殊应用场合必须使用特殊润滑油, 比如要求长使用寿命润滑油, 若需要可提供用于食品行业和生物降解润滑油。

The special lubricant oil must be used in special situation. For example requesting use the oil with long life-span. If you want, we can afford lubricant for biological degradation industry and food industry.

润滑油类型 Normal lubricating	粘度指标 conglutination index	环境温度℃ Ambient temperature	减速机型号 Gear unit type
Mineral oil CLP(cc)	ISOVG 180	-25~+25	R系列, F系列 K系列减速机
Synthetic fluid, c/p pg	ISOVG 220	-25~+80	R系列, F系列 K系列减速机
Synthetic fluid, CLP HC	ISOVG 480	-35~+80	S系列减速机

附置轴承

用润滑油

Anti-friction

bearing

greases

下列润滑油用于减速机和电机的附置轴承润滑

The following grease applies to the reducer and the anti-friction bearing of the motor

润滑油类型 Normal lubricating	环境温度℃ Ambient temperature	减速机型号 Gear unit type
矿物轴承润滑油K32N/K2K mineral bearing lubricating K32N/K2K	-30~+60	正常型式: 减速机, 电机 Normal type motor reducer
合成轴承润滑油K3C 2R-40 synthetic bearing lubricating K3C 2R-40	-40~+80	减速机加注合成润滑油 Reducers need to inject the synthetic lubricant
矿物轴承润滑油K3N-30 mineral bearing lubricating K3N-30	-25~+60	特殊型式: 建议用合成油的电机 Special type: select the motor in different situation
合成轴承润滑油K2S-00 synthetic bearing lubricating K2S-00	-45~+25	特殊型式: 建议用合成油的电机 Special type: select the motor in different situation

Lubricant table

[illegible]

加油量
Lubricant
fill quantities
斜齿圆锥减
速器 (只...)
Helical gear
units (R...)

The specified lubricant fill quantity only for ref. Actual fill quantity varies when the number of stages or the ratio changes. When filling, best way to checking is to check the oil level plug since it indicates the fill quantity most precisely.

The following table gives the reference lubricant quantity value in relation to the mounting position M1-M5.

减速机型号 Gear unit type	Reference 注油量(升) Fill quantity(L)					
	M1 ⁽¹⁾	M2 ⁽²⁾	M3	M4	M5	M6
R37	0.31	0.9	1	1.1	0.8	1
R47	0.11.5	1.6	1.5	1.7	1.5	1.5
R57	0.291.7	1.9	1.7	2.1	1.7	1.7
R67	1.12.3	2.63.5	2.8	3.2	1.8	2
R77	1.23	3.84.3	3.6	4.3	2.5	3.4
R87	2.34	6.789.4	7.2	7.7	6.3	6.5
R97	4.69.8	11.311.4	11.7	13.4	11.3	11.7
R107	6.13.7	16.3	16.9	19.2	13.2	15.9
R137	10.25	28	29.5	31.5	25	25
R147	15.4940	46.5	48	52	39.5	41
R167	2170	82	70	88	66	69

減速器型號 Gear unit type	注油量(升) Fill quantity(L)					
	M1 ¹⁾	M2 ²⁾	M3	M4	M5	M6
RF37	0.4/1	0.9	1	1.1	0.8	1
RF47	0.7/1.5	1.6	1.5	1.7	1.5	1.5
RF57	0.8/1.7	1.8	1.7	2	1.7	1.7
RF67	1.2/2.5	2.7/3.6	2.7	3.1	1.9	2.1
RF77	1.2/2.6	3.8/4.1	3.3	4.1	2.4	3
RF87	2.4/6	8.8/7.9	7.1	7.7	6.3	6.4
RF97	5.1/10.2	11.8/14	11.2	14	11.2	11.8
RF10T	6.3/14.9	15.9	17	19.2	13.1	15.9
RF13T	9.5/25	27	29	32.5	25	25
RF16T	16.4/42	47	48	52	42	42
RF18T	26/70	82	78	88	65	71

T) The bigger gear of a multi-stage gear unit must be filled with the larger oil quantity.



平行轴斜齿轮减速器 (F...)
Parallel shaft helical gear units (F...)

F...FA...FH...FV...F

减速器型号 Gear unit type	注油量 (升) Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
F37	1	1.2	0.7	1.2	1	1.1
F47	1.5	1.8	1.1	1.9	1.5	1.7
F57	2.6	3.7	2.1	3.5	2.8	2.9
F67	2.7	3.8	1.9	3.8	2.9	3.2
F77	5	7.3	4.3	8	6	6.3
F87	10	13.0	7.7	13.8	10.8	11
F97	18.5	22.5	12.6	25.2	18.5	20
F107	24.5	32	18.5	37.5	27	27
F127	40.5	55	34	61	48.5	47
F157	69	94	53	106	88	78

FF...

减速器型号 Gear unit type	注油量 (升) Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
FF37	1	1.2	0.7	1.2	1	1.1
FF47	1.8	1.9	1.1	1.9	1.5	1.7
FF57	2.8	3.8	2.1	3.7	2.9	3
FF67	2.7	3.8	1.9	3.8	2.9	3.2
FF77	5.1	7.3	4.3	8.1	6	6.3
FF87	10.3	13.2	7.8	14.1	11	11.2
FF97	19	22.5	12.6	25.5	18.9	20.5
FF107	25.5	30	19.5	38.5	27.5	28
FF127	41.5	56	34	63	48.5	49
FF157	72	105	64	108	87	79

FA...FH...FV...FAP...FHF...FVF...FAZ...FHZ...FVZ...

减速器型号 Gear unit type	注油量 (升) Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
F...37	1	1.2	0.7	1.2	1	1.1
F...47	1.5	1.8	1.1	1.9	1.5	1.7
F...57	2.7	3.8	2.1	3.8	2.9	3
F...67	2.7	3.8	1.9	3.8	2.9	3.2
F...77	5	7.3	4.3	8	6	6.3
F...87	11	13.8	7.7	13.8	10.8	11
F...97	18.5	22.5	12.6	25.0	18.5	20
F...107	24.5	32	18.5	37.5	27	27
F...127	39	55	34	61	45	46.5
F...157	66	103	62	104	85	77

斜齿锥-锥齿轮减速器 (K...)
Helical-bevel gear unit (K...)

K...KA...KH...KV

减速器型号 Gear unit type	注油量 (升) Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
K...37	0.5	1	1	1.3	1	1
K...47	0.8	1.3	1.5	2	1.8	1.8
K...57	1.2	2.3	2.5	3	2.8	2.8
K...67	1.1	2.4	2.6	3.4	2.8	2.8
K...77	2.2	4.1	4.4	5.2	4.2	4.4
K...87	3.7	8	8.7	10.4	7.8	8
K...97	7	14	15.7	20	15.7	16.5
K...107	10	21	28.5	33.5	24	24
K...127	21	41.5	44	61	40	41
K...157	31	62	65	90	58	62
K...167	35	100	100	125	85	82
K...187	60	170	170	205	130	130

KF...

减速器型号 Gear unit type	注油量 (升) Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
KF37	0.5	1.1	1.1	1.5	1	1
KF47	0.8	1.3	1.7	2.2	1.8	1.8
KF57	1.3	2.3	2.7	3	2.8	2.7
KF67	1.1	2.4	2.6	3.6	2.7	2.7
KF77	2.1	4.1	4.4	6	4.5	4.5
KF87	3.7	8.2	9	11.9	8.4	8.4
KF97	7	14.7	17.3	21.9	16.7	16.5
KF107	10	22	26	35	26	26
KF127	21	41.5	48	65	41	41
KF157	31	66	69	92	62	62

KA...KH...KV...KAP...KPF...KVF...KAZ...KHZ...KVZ...

减速器型号 Gear unit type	注油量 (升) Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
K...37	0.5	1	1	1.4	1	1
K...47	0.8	1.3	1.6	2.1	1.8	1.8
K...57	1.3	2.3	2.7	3	2.8	2.7
K...67	1.1	2.4	2.7	3.6	2.8	2.4
K...77	2.1	4.1	4.6	6	4.4	4.4
K...87	3.7	8.2	8.6	11.1	8	8
K...97	7	14.7	15.7	20	15.7	15.7
K...107	10	20.5	24	30	24	24
K...127	21	41.5	43	51	40	40
K...157	31	66	67	87	62	62
K...167	35	100	100	125	85	85
K...187	60	170	170	205	130	130

斜齿轮-涡轮蜗杆减速机 (S...)
Helical-worm gear units (S...)

S...

减速机型号 Gear unit type	M1	M2	M3 ¹⁾	M4	M5	M6
S37	0.25	0.4	0.5	0.6	0.4	0.4
S47	0.35	0.6	0.7	1.1	0.8	0.8
S57	0.5	1.2	1	1.6	1.3	1.3
S67	1	2.0	2.2/3.1	3.2	2.6	2.6
S77	1.9	4.2	3.7/5.4	8	4.4	4.4
S87	3.3	6.1	6.8/10.4	12	8.4	8.4
S97	6.6	15	13.4/18	22.5	17	17

1) 多档减速机中较大的减速机用注较多的油量。

1) The bigger one of a multi-stage gear unit must be filled with the larger oil quantity.

SF...

减速机型号 Gear unit type	M1	M2	M3 ¹⁾	M4	M5	M6
SF37	0.25	0.4	0.5	0.6	0.4	0.4
SF47	0.4	0.9	0.9	1.2	1.0	1.0
SF57	0.5	1.2	1	1.6	1.4	1.4
SF67	1	2.2	2.3/3	3.2	2.7	2.7
SF77	1.9	4.1	3.8/5.8	6.5	4.9	4.9
SF87	3.8	8	7.1/10.1	12	9.1	9.1
SF97	7.4	15	13.8/18.9	23.5	18	18

1) 多档减速机中较大的减速机用注较多的油量。

1) The bigger one of a multi-stage gear unit must be filled with the larger oil quantity.

SA...SH...SAF...SHF...SAZ...SHZ...

减速机型号 Gear unit type	M1	M2	M3 ¹⁾	M4	M5	M6
S.37	0.25	0.4	0.5	0.6	0.4	0.4
S.47	0.4	0.6	0.7	1.1	0.8	0.8
S.57	0.5	1.1	1	1.6	1.2	1.2
S.67	1	2	1.8/2.8	2.9	2.5	2.5
S.77	1.8	3.9	3.6/5.9	5.9	4.5	4.5
S.87	3.6	7.4	6/6.7	11.2	8	8
S.97	7	14	11.4/16	21	15.7	15.7

1) 多档减速机中较大的减速机用注较多的油量。

1) The bigger one of a multi-stage gear unit must be filled with the larger oil quantity.

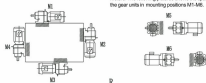
10. 安装位置
Mounting Position

10.1 安装位置概述

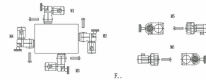
10.1 Mounting Position designation

安装位置说明: 减速机有M1、M6共6种安装位置。

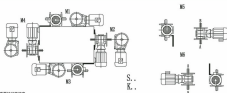
下面的图说明了减速机安装位置M1-M6的空间排列。 differences between six mounting position M1-M6 for geared motors. The following pictures shows the spatial arrangement of the gear units in mounting positions M1-M6.



S...



F...

S...
K...

重要订购信息

Important information for order

除了安装位置以外, 下述信息资料也是必需的, 以便精确描述所需减速机规格。

Except for mounting position, the following informations for exactly depicting the shape of gear unit are necessary.

电机输出轴位置

Unit mainly are necessary

电机输出轴位置

Position of the motor terminal box

对泵浦减速机, 输出方向

For the right-angle shaft reducers: output shaft direction

对泵浦型传动减速机, 连接轴轴头不带法兰

For the right-angle shaft reducers with shrink disk with or without flange

电机接线盒和出线嘴位置

Position of the motor terminal box cable entry

电机接线盒从电机风扇罩看(如图),位置分别表示为0°, 90°, 180°或270°
出线嘴的位置也可以进行选择(如图),分别表示为“Normal”, “1”, “2”或“3”
Possible positions of the terminal box are 0°, 90°, 180° or 270° as seen from the fan
gand side
In addition, the position of the cable entry can be selected. The possibilities are “X”
(=normal position), “1”, “2” or “3”

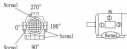


图: 接线盒与出线嘴的位置

Fig: Position of the terminal box and cable entry

对于接线盒,除非标出了详细信息,否则接线盒按0°,出线嘴按“Normal”供货。
我们建议安装位置在M2时,应选出线嘴位置为“2”。

注意:

D71...BMG接线盒位置为90°时,出线嘴位置不能标为“2”。

D71...When the BMG junction box position is 90°, the outlet nozzle position cannot be marked as “2”.

减速电机的旋转方向

The rotation direction of the reducer

规定出减速电机旋转方向是接必要的。按下列标识:

从输出轴看: 顺时针 (CW) 为向右旋转 逆时针 (CCW) 为向左旋转

It's necessary to specify the turning direction of reducer. Please follow the
identification below:

From the output shaft: clockwise (CW) is the right rotation and counterclockwise
(CCW) is the left rotation.

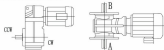


图: 输出轴的旋转方向

Fig: Rotating direction of gear unit with a backstop

对于直角轴型减速机,规定出给定的旋转方向是从A端看还是从B端看的,这是非常重要的。
In right-angle gear units, it is necessary to indicate of rotation is given where be looked
from the A or B end.

输出轴的位置

Position of the output shaft

对于直角轴型减速机,规定出轴方向是必要的: A或B, 还是A+B (见图)

In right-angle gear units, it is necessary to stipulate the direction of the output shaft
and output flange: A or B or A+B



图: 出轴方向

Fig: Position of the Output shaft

带锁紧盘的轴装直角减速机

Shaft mounted right-angle gear units with shrink disk

对于轴装式带锁紧盘的直角轴型减速机,规定出A端还是B端为连接端并且连接
端是否和法兰是必要的。在图中, A端是连接端, 锁紧盘在连接端对面。

For the rectangular shaft type reducer with locking disc, specify the end A or the end
B as the connecting end, if it's necessary with flanges. In the figure, A is the
connecting end, and the locking plate is opposite to the connecting end.



图: 连接端的位置

Fig: position of the connection end

订购实例: Sample orders

对于K157/K187系列, 安装位置为M2时, 连接端只能从底部连接。

Connection end at bottom only is possible with K157/K187 helical-bevel gear units
in mounting positions M2 and M6.

类型 Type	安装位置 Mounting position	连接端 Shaft with	锁紧盘位置 Position of shrink disk	法兰 Flange	导向位置 Position of terminal box	出线嘴位置 Position of cable entry	旋转方向 Rotation direction	出轴方向 Output shaft direction
KF47-W55G 37KW-4	M5	A	-	B	0°	"Normal"	CW	A
SF97-W5519.5KW-4	M2	A+B	-	A+B	180°	"2"	-	A+B
KH157-W5515KW-4	M1	-	B	-	270°	"3"	-	-

所有符号的含义 Symbols used

下表列出了在安装位置上的符号及其含义

The following table shows the symbols used in the mounting position sheets and what they mean:

符号 Symbol	含义 Meaning
	透气器 Breather valve
	油标 Oil level plug
	放油螺塞 Oil drain plug
	在螺塞位置 In the plug

搅油损失 Churning losses

在某些安装位置可能增加搅油损失，在下列情况和中间行广告商

The churning losses may arise in some mounting positions, please contact manufacturer in case of the following combinations.

安装位置 Mounting position	减速机型号 Gear unit type	减速机规格 Gear unit size	输入速度 (rpm) Input speed
M2, M4	R	RT-12T	>2500
		>10T	>1500
M2, M3, M4, M5, M6	F	RT-12T	>2500
		>10T	>1500
	K	FT-12T	>2500
		>10T	>1500
	S	FT-6T	>2500

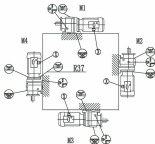
润滑油检查和维护周期

Lubricant inspection and maintenance period

维护周期 Maintenance Period	内容 Content
首次运行300小时 First running for 300 hours	首次运行300小时后 Replace the lubricant after start the box body
每2个月或工作2000小时 Check once a month or every 2000 working hours	检查油 Check the lubricant
减速机运行初期，油位应每3个月检查一次 Depending on operating condition, lubricant inspecting period should not longer than 3 years	更换矿物油 Change to mineral lubricant 更换极压轴承润滑脂 Change lubricant for anti-friction bearing

10.2 斜齿轮减速机安装位置 10.2 Mounting position of Helical gear unit

R37-R167

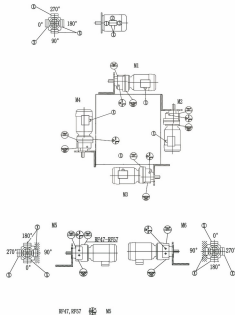


R47, R57

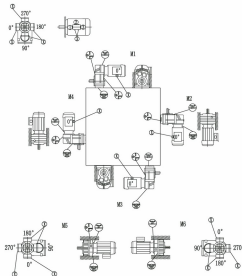


R5

RF37-RF167

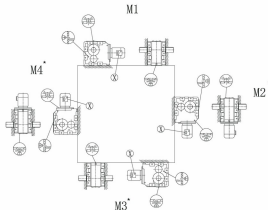
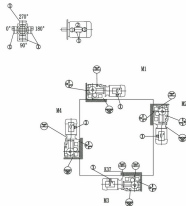


10.3 平行轴斜齿轮减速电机安装位置 10.3 Mounting position of parallel shaft helical Gear unit F/FA_B/FH37B-157B/FV37B-157B



10.4 斜齿轮-伞齿轮减速机安装位置 Mounting position of helical/bevel Gear unit KKA-B/KH37B-157B, KV37B-107B

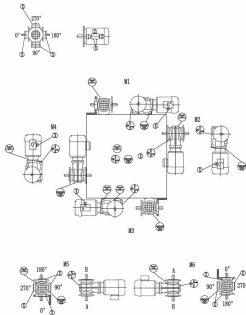
K167-167, K1167B-167B



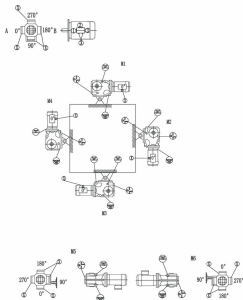
重要：请参见“减速机选型”中“径向和轴向负载”部分（P21）
Important: Please refer to the information in the "Geared Motors" catalog, Optional Planning for gear units Overhung and axial loads part (P21)

重要：请参见“减速机选型”中“径向和轴向负载”部分（P21）
Important: Please refer to the information in the "Geared Motors" catalog, Optional Planning for gear units Overhung and axial loads part (P21)

KF/KAF/KAZ/KHZ37-157/KVF/KV/Z37-157



KH/KH37-157/KV37-157

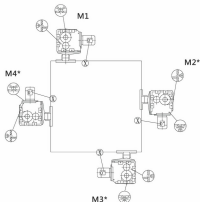


KH167-167

10.5 斜齿蜗-蜗杆减速机安装位置

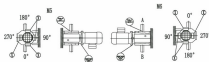
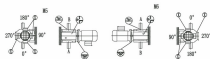
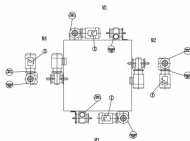
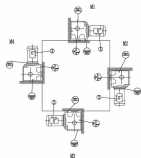
10.5 Mounting position of Helical-worm Gear motor

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S47-S97

SF(SAF)SHF37

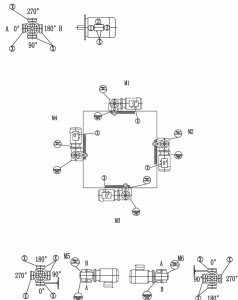
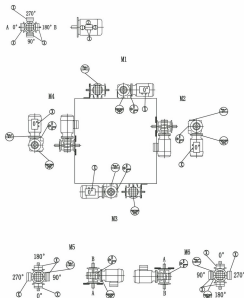


重要：请参考“减速器选型”中“径向和轴向负载”部分（P21）

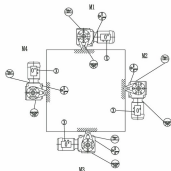
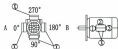
Important: Please refer to the information in the "Geared Motors" catalog, Optional Planning for gear units Overhung and axial loads part (P21)

SF/SAF/SHF/SAZ/SHZ47...97...

SA/SH37



SA/SH47...67...



11. 尺寸信息

Information on dimension sheets

范围分类
Scope classification

- 作为标准件提供
Standard parts supplied by
- 不作为标准件提供
Standard parts unsupplied by

中心高公差
Shaft heights tolerances

- $h \leq 250\text{mm} \rightarrow -0.06\text{mm}$
- $h > 250\text{mm} \rightarrow -0.1\text{mm}$

脚架安装减速机: 当配有电机时, 电机可能已凸出到安装平面以下请注意检查。
Foot-mounted gear unit: The motor may protrude above the mounting surface when fitting, please check.

轴公差
Shaft tolerance

直径公差 Diameter tolerance

- $\phi \leq 50\text{mm} \rightarrow \text{ISO}h6$
- $\phi > 50\text{mm} \rightarrow \text{ISO}h6$

按照DIN332标准有DH型中心孔:

Center holes in accordance with DIN332 shape OR



轴径/轴径 ϕD Diameter of Output shaft	D_1	D_2	D_3	D_4	R	L_1 ± 2	L_2 mm	L_3	L_4 mm
$\phi D \times 15\text{mm}$	M5	2.8	3.2	5.3	4.0	9.0	12.5	2.6	1.8
$\phi D \times 15\text{mm}$	M6	3.3	4.3	6.7	5.0	10.0	14.0	3.2	2.1
$\phi D \times 15\text{mm}$	M8	4.2	5.3	8.1	6.3	12.5	17.5	4.0	2.4
$\phi D \times 15\text{mm}$	M8	5.3	6.4	9.8	8.0	16.0	21.0	5.0	2.8
$\phi D \times 15\text{mm}$	M8	6.8	8.4	12.2	10.0	19.0	25.0	6.0	3.3
$\phi D \times 30\text{mm}$	M10	6.8	10.6	14.8	10.0	20.0	30.0	7.5	3.8
$\phi D \times 30\text{mm}$	M12	10.2	13.0	18.1	16.0	28.0	37.0	9.8	4.4
$\phi D \times 30\text{mm}$	M16	14.0	17.0	22.0	20.0	36.0	45.0	12.0	5.2
$\phi D \times 40\text{mm}$	M20	17.5	21.0	28.4	21.0	42.0	53.0	18.0	6.4
$\phi D \times 40\text{mm}$	M24	21.0	25.0	34.2	25.0	50.0	63.0	18.0	8.0
$\phi D \times 50\text{mm}$	M30	25.0	31.0	42.8	30.0	63.0	78.0	28.0	10.8

空心轴
Hollow shaft

键: 按照DIN6885确定 (圆头平键)

keys: In accordance with DIN6885(dormed type)

直径公差

Diameter tolerance

$\phi \rightarrow \text{ISO}H7$ 塞规测量

ISO H7 measured with plug gauge

法兰
Flange

止口公差 Rubber tolerance

- φ ≤230mm(flange size A120-A300)→H9/f9
- φ >230mm(flange size A350-A800)→H8/f8

对于每个规格的斜齿减速机(交流(制鼓)电机和防爆(制鼓)电机)最多可提供三种不同尺寸的法兰。
每种法兰的尺寸见规格尺寸图。
Up to three different flange dimensions are available for each size of helical gear units AC (brake) motor and explosion-proof AC (brake) motor. The possible flanges per size are indicated in the relevant dimension sheets.

起吊螺栓及吊耳
Lifting eyebolts, suspension eye lugs

电机规格小于100的减速机没有配备专门的运输吊装工具。其它的减速机电机配有轴端的吊装孔。标准减速机机体上的吊耳或吊耳。
Motors up to DV 100 and Sproplan geared motors are delivered without special transport fixtures. Otherwise, the gear units and motors are equipped with cast-on suspension eye lugs, screw-on suspension eye lugs or screw-on lifting eyebolts.

减速机/电机规格 Gear unit/motor type	吊钩/吊耳 Screw-on lifting eyebolts suspension eye lugs	铸造吊耳孔 Cast-on suspension eye lugs
RURF37-57	★	—
≥ R97	★	—
F37-187	—	★
K37-167	—	★
S37-47	★	—
S57-67	—	★
≥ DV112	★	—

透气阀
Breather valves

减速机尺寸图会显示为选项。相应的螺塞在出厂前根据其定货要求的安装位置更换为透气阀。这意味看减速机的外壳尺寸图稍有不同。
The gear unit dimension drawings are always shown with screw plugs. The corresponding screw plug is replaced by an breather valve at the factory depending on with motor-eg position M1-M6 is ordered. This means the contour dimensions may be slightly different.

键槽连接

Shrink disk connect

对于键槽连接的空心轴减速机, 若需者可向厂方索取关于键槽盘的详细数据表。
For follow shaft gear unit with shrink disk connection. If required please request a detailed data sheet on shrink disks form, data sheet no. 33 753... 66.

制动电机
Brake motors

配制动电机时, KB for K
When automatic motor, KB for K

电机附件

Motor accessory

电机的尺寸因不同的电机附件而不同, 请参考电机选择的尺寸图。
The motor dimensions may different as a result of motor accessory. Please refer to the dimensions of the more accessory.

特殊应用

Special applications

螺接盒的尺寸, 在特殊应用如KS或CSA时与标准形式的尺寸不同。
The dimensions of the terminal box on special applications such as KS or CSA may different from the standard dimensions.