



TUNYO

KR系列斜齒輪減速電機

KF系列平行軸-斜齒輪減速電機

KH系列斜齒軸-傘齒輪減速電機

KS系列斜齒軸-蝸輪減速電機

東洋K系列斜齒輪減速電機選型手冊
TUNYO K Series Helical Gear Motor Hand Book

TUNYO INTELLIGENT DEVICE CO.,LTD

TUNYO
The Power Of Dream

品質成就領先
技術服務社會

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* Our company's products always develop in time, if there are some changes about size, we will not inform you again. So please contact us.

K系列斜齒輪減速電機
K Series Helical Gear Motor

東洋K系列電機分類 TUNYO K series motor classification



KR系列斜齒輪減速電機



KF系列平行軸-斜齒輪減速電機



KH系列斜齒輪-傘齒減速電機



KS系列斜齒輪-蝸輪減速電機

產品說明 Product Description

1.1 性能特点

1. 采用了系列化、模块化的设计，传动比覆盖范围广、分级精细；
2. 传动效率高，耗能低、性能优越；
3. 齿轮经高精度磨齿机磨削加工，传动平稳、噪音低，承载能力大、寿命长；
4. 设计精巧：体积小，安装简便，用途广泛；
5. 安装方式多样，适合全方位的万能安装配置；
6. 可实现KR、KF、KH、KS系列与KRF系列双联体组合，适用于特殊低速的应用。

1.2 主要材料

1. 箱体：HT250高强度铸铁。射型内腔，有效减少零件磨损；
2. 齿轮：20CrMo优质合金钢，碳氮共渗处理（精磨后保持齿面硬度HRC60）；
3. 平键：45钢，表面硬度HRC50。

1.3 减速器效率

1. 由于采用了高精度齿轮、油封、轴承，有效降低了摩擦，齿轮传动的级间效率可达97%；
2. 在某些安装方式时，输入级齿轮完全浸在润滑油中，对于大机座号和高输入转速的情况，须考虑搅油损失。

1.4 使用条件

1. 环境温度-40 ~ 50 °C (0°C 以下启动时润滑油需加热到0°C以上或采用防冻润滑油) ；
2. 输入转速不大于2800转/分；
3. 可用于正反转；
4. 无行业限制。

1.1 Performance Characteristics

1. Systematic and modular design; Transmission ratio with fine stage covers a wide range.
2. High efficiency; Low energy consumption; Superior performance.
3. High Precision gear with teeth grinding; Stable transmission; Low noise; Strong bearing capacity; Long Service life.
4. Deft design: Small volume; Simple Installation; Wide usage.
5. Suitable for all kinds of mounting positions
6. KR..,KF..,KH..,KS.. and KRF.. conjoined combination for special low speed.

1.2 Material

1. Housing: High strength cast iron HT250, die casting lumen, reduce the abrasion of parts.
2. Gears: 20CrMo, Carbonitriding, Teeth hardness: HRC 60 after grinding.
3. Flat keys: C45, Surface hardness: HRC 50.

1.3 Gear Unit Efficiency

1. High precision gear; seals; bearings; Effectively reduces friction; Stage efficiency of gear drive reaches 97%.
2. For some ways of mounting, the input gear is completely immersed in the lubricant, please consider the churning loss when it comes to big frame size and high input speed .

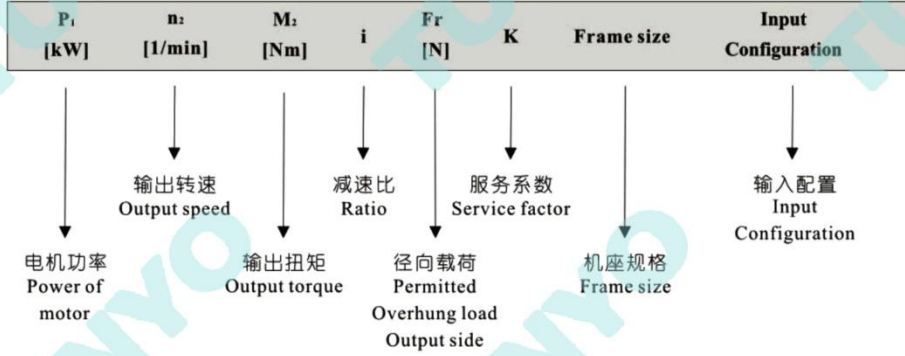
1.4 Working Conditions

1. Ambient temperature -40~ 50°C (if lower than 0°C, need to heat the lubrication higher than 0°C or use anti freezing lubricant).
2. Input rotation speed \leq 2800r/min.
3. Both Rotation Direction.
4. No industry limit.

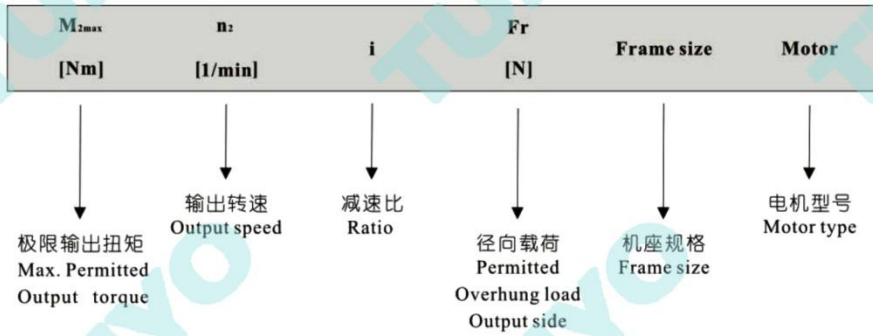
K系列斜齒輪減速電機 K Series Helical Gear Motor

1.5 选型表注释 / Selection Table Explanation

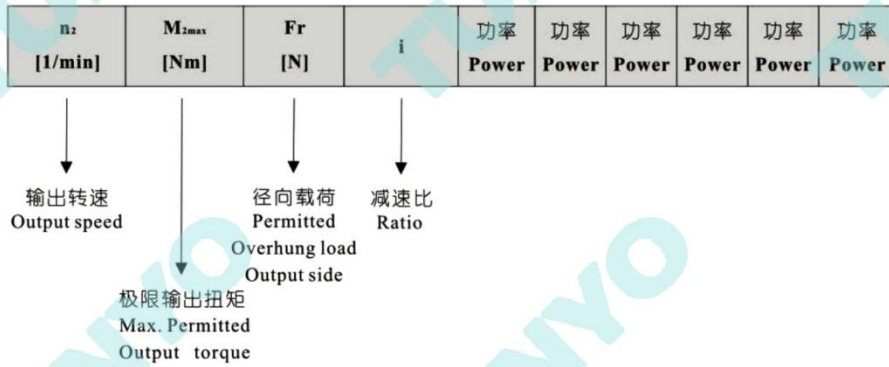
性能参数表结构说明 / Performance Parameter Table Structure



性能参数表结构说明 / Performance Parameter Table Structure






功率配置表结构说明 / Power Combination



K系列斜齒輪減速電機 K Series Helical Gear Motor

1. 6. 潤滑油 / Lubrication

1. 6. 1 潤滑油類型 / Types of Lubrication

	環境溫度(℃) Ambient Temperature(℃)	ISO粘度 ISO Viscosity Class	 SHELL	 MOBIL	 BP	潤滑油類型 Lubrication Type
KR KF KH KS	-40 ~ +10	VG 220	Shell Omala 200	Mobilgear 630	BP Energol GR-XP 220	礦物油 Mineral Oil
	-20 ~ +25	VG 150 VG 100	Shell Omala 100	Mobilgear 627	BP Energol GR-XP 100	
	-30 ~ +10	VG68-46 VG 32	Shell Tellus 32	Mobil D.T.E 13M		
	-40 ~ -20	VG 22 VG 15	Shell Tellus 32	Mobil D.T.E 11M	BP Energol HLP-HM 15	
	-40 ~ +80	VG 220	Shell Tellus 32	Mobil SHC 630		合成油 Synthetic Oil
	-40 ~ +10	VG 32		Mobil SHC 624		

1. 6. 2 潤滑油量表

規定的加注量為參考值。精確值的變化與級數和傳動比有關。請您在加注潤滑油時一定要注意油位螺絲所指示的精確油量。後期調整安裝方式時，您必須根據改變後的安裝方式相應調整加注潤滑劑。下表中列出了安裝方式M1-M6的減速器相應的標準參考潤滑油注入量。

1. 6. 2 Lubricant Fill Quantity

The specified fill quantities are recommended values. The precise value varies depending on the number of stages and gear ratio. When filling, it is essential to check the oil level plug since it indicates the precise oil capacity. The following tables show guide values for lubricant fill quantities in relation to the mounting position M1 -M6.

KRX..

減速器型號 Gear units	加注量 Fill quantity in liters 單位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KRX57	0.60	0.80	1.30	1.30	0.90	0.90
KRX67	0.80	0.80	1.70	1.90	1.10	1.10
KRX77	1.10	1.50	2.60	2.70	1.60	1.60
KRX87	1.70	2.50	4.80	4.80	2.90	2.90
KRX97	2.10	3.40	7.40	7.00	4.80	4.80
KRX107	3.90	5.60	11.6	11.9	7.70	7.70

K系列斜齒輪減速電機 K Series Helical Gear Motor

KRXF..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KRXF57	0.50	0.80	1.10	1.10	0.70	0.70
KRXF67	0.70	0.80	1.50	1.40	1.00	1.00
KRXF77	0.90	1.30	2.40	2.00	1.60	1.60
KRXF87	1.60	1.95	4.90	3.95	2.90	2.90
KRXF97	2.10	3.70	7.10	6.30	4.80	4.80
KRXF107	3.10	5.70	11.2	9.30	7.20	7.20

KR../KR..F

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1 ①	M2 ①	M3	M4	M5	M6
KR..07	0.12	0.20	0.20	0.20	0.20	0.20
KR..17	0.25	0.55	0.35	0.55	0.35	0.40
KR..27	0.25/0.40	0.70	0.50	0.70	0.50	0.50
KR..37	0.30/0.95	0.85	0.95	1.05	0.75	0.95
KR..47	0.70/1.50	1.60	1.50	1.65	1.50	1.50
KR..57	0.80/1.70	1.90	1.70	2.10	1.70	1.70
KR..67	1.10/2.30	2.40/3.20	2.80	2.90	1.80	2.00
KR..77	1.20/3.00	3.30/4.20	3.60	3.80	2.50	3.40
KR..87	2.30/6.00	6.40/8.10	7.20	7.20	6.30	6.50
KR..97	4.60/9.80	11.7/14.0	11.7	13.4	11.3	11.7
KR..107	6.00/13.7	16.3	16.9	19.2	13.2	15.9
KR..137	10.0/25.0	28.0	29.5	31.5	25.0	25.0
KR..147	15.4/40.0	46.5	48.0	52.0	39.5	41.0
KR..167	27.0/70.0	82.0	78.0	88.0	66.0	69.0

KRF..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1 ①	M2 ①	M3	M4	M5	M6
KRF07	0.12	0.20	0.20	0.20	0.20	0.20
KRF17	0.25	0.55	0.35	0.55	0.35	0.40
KRF27	0.25/0.40	0.70	0.50	0.70	0.50	0.50
KRF37	0.35/0.95	0.90	0.95	1.05	0.75	0.95
KRF47	0.65/1.50	1.60	1.50	1.65	1.50	1.50
KRF57	0.80/1.70	1.80	1.70	2.00	1.70	1.70
KRF67	1.20/2.50	2.50/3.20	2.70	2.80	1.90	2.10
KRF77	1.20/2.60	3.10/4.10	3.30	3.60	2.40	3.00
KRF87	2.40/6.00	6.40/8.20	7.10	7.20	6.30	6.40
KRF97	5.10/10.2	11.9/14.0	11.2	14.0	11.2	11.8
KRF107	6.30/14.9	15.9	17.0	19.2	13.1	15.9
KRF137	9.50/25.0	27.0	29.0	32.5	25.0	25.0
KRF147	16.4/42.0	47.0	48.0	52.0	42.0	42.0
KRF167	26.0/70.0	82.0	78.0	88.0	65.0	71.0

① The larger gear unit of multi-stage gear units must be filled with the larger oil volume

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KF.,KFA..B,KFH..B,KFV..B

減速器型號 Gear units	加注量 Fill quantity in liters 單位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KF..27	0.60	0.80	0.65	0.70	0.60	0.60
KF..37	0.95	1.25	0.70	1.25	1.00	1.10
KF..47	1.50	1.80	1.10	1.90	1.50	1.70
KF..57	2.60	3.50	2.10	3.50	2.80	2.90
KF..67	2.70	3.80	1.90	3.80	2.90	3.20
KF..77	5.90	7.30	4.30	8.00	6.00	6.30
KF..87	10.8	13.0	7.70	13.8	10.8	11.0
KF..97	18.5	22.5	12.6	25.2	18.5	20.0
KF..107	24.5	32.0	19.5	37.5	27.0	27.0
KF..127	40.5	55.0	34.0	61.0	46.3	47.0
KF..157	69.0	104	63.0	105	86.0	78.0

KFF..

減速器型號 Gear units	加注量 Fill quantity in liters 單位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KFF27	0.60	0.80	0.65	0.70	0.60	0.60
KFF37	1.00	1.25	0.70	1.30	1.00	1.10
KFF47	1.60	1.85	1.10	1.90	1.50	1.70
KFF57	2.80	3.50	2.10	3.70	2.90	3.00
KFF67	2.70	3.80	1.90	3.80	2.90	3.20
KFF77	5.90	7.30	4.30	8.10	6.00	6.30
KFF87	10.8	13.2	7.80	14.1	11.0	11.2
KFF97	19.0	22.5	12.6	25.5	18.9	20.5
KFF107	25.5	32.0	19.5	38.5	27.5	28.0
KFF127	41.5	55.5	34.0	63.0	46.5	49.0
KFF157	72.0	105	64.0	106	87.0	79.0

KFA...KFH...KFV...KFAF...KFHF...KFVF...KFAZ...KFHZ...KFVZ..

減速器型號 Gear units	加注量 Fill quantity in liters 單位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KF..27	0.60	0.80	0.65	0.70	0.60	0.60
KF..37	0.95	1.25	0.70	1.25	1.00	1.10
KF..47	1.50	1.80	1.10	1.90	1.50	1.70
KF..57	2.70	3.50	2.10	3.40	2.90	3.00
KF..67	2.70	3.80	1.90	3.80	2.90	3.20
KF..77	5.90	7.30	4.30	8.00	6.00	6.30
KF..87	10.8	13.0	7.70	13.8	10.8	11.0
KF..97	18.5	22.5	12.6	25.2	18.5	20.0
KF..107	24.5	32.0	19.5	37.5	27.0	27.0
KF..127	39.0	54.5	34.0	61.0	45.0	46.5
KF..157	68.0	103	62.0	104	85.0	79.5

K系列斜齒輪減速電機 K Series Helical Gear Motor

KH...,KHA..B,KHH..B,KHV..B

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KH..37	0.50	1.00	1.00	1.25	0.95	0.95
KH..47	0.80	1.30	1.50	2.00	1.60	1.60
KH..57	1.10	2.20	2.20	2.80	2.30	2.10
KH..67	1.10	2.40	2.60	3.45	2.60	2.60
KH..77	2.20	4.10	4.40	5.80	4.20	4.40
KH..87	3.70	8.00	8.70	10.9	8.00	8.00
KH..97	7.00	14.0	15.7	20.0	15.7	15.5
KH..107	10.0	21.0	25.5	33.5	24.0	24.0
KH..127	21.0	41.5	44.0	54.0	40.0	41.0
KH..157	31.0	62.0	65.0	90.0	58.0	62.0
KH..167	33.0	95.0	105.0	123.0	85.0	84.0
KH..187	53.0	152.0	167.0	200.0	143.0	143.0

KHF..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KHF37	0.50	1.10	1.10	1.50	1.00	1.00
KHF47	0.80	1.30	1.70	2.20	1.60	1.60
KHF57	1.20	2.20	2.40	3.15	2.50	2.30
KHF67	1.10	2.40	2.80	3.70	2.70	2.70
KHF77	2.10	4.10	4.40	5.90	4.50	4.50
KHF87	3.70	8.20	9.00	11.9	8.40	8.40
KHF97	7.00	14.7	17.3	21.5	15.7	16.5
KHF107	10.0	21.8	25.8	35.1	25.2	25.2
KHF127	21.0	41.5	46.0	55.0	41.0	41.0
KHF157	31.0	66.0	69.0	92.0	62.0	62.0

KHA...,KHH...,KHV...,KHAF...,KHFF...,KHVF...,KHAZ...,KHHZ...,KHVZ..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KH..37	0.50	1.00	1.00	1.40	1.00	1.00
KH..47	0.80	1.30	1.60	2.10	1.60	1.60
KH..57	1.30	2.30	2.70	3.20	2.90	2.70
KH..67	1.10	2.40	2.70	3.60	2.60	2.60
KH..77	2.10	4.10	4.60	6.00	4.40	4.40
KH..87	3.70	8.20	8.80	11.1	8.00	8.00
KH..97	7.00	14.7	15.7	20.0	15.7	15.7
KH..107	10.0	20.5	24.0	32.0	24.0	24.0
KH..127	21.0	41.5	43.0	52.0	40.0	40.0
KH..157	31.0	66.0	67.0	87.0	62.0	62.0
KH..167	33.0	95.0	105.0	123.0	85.0	84.0
KH..187	53.0	152.0	167.0	200.0	143.0	143.0

K系列斜齒輪減速電機
K Series Helical Gear Motor

KS..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KS37	0.25	0.40	0.50	0.55	0.40	0.40
KS47	0.35	0.80	0.70/0.90	1.00	0.80	0.80
KS57	0.50	1.20	1.00/1.20	1.45	1.30	1.30
KS67	1.00	2.00	2.20/3.10	3.10	2.60	2.60
KS77	1.90	4.20	3.70/5.40	5.90	4.40	4.40
KS87	3.30	8.10	6.90/10.4	11.3	8.40	8.40
KS97	6.80	15.0	13.4/18.0	21.8	17.0	17.0

KSF..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KSF37	0.25	0.40	0.50	0.55	0.40	0.40
KSF47	0.40	0.90	0.90/1.05	1.05	1.00	1.00
KSF57	0.50	1.20	1.00/1.50	1.55	1.40	1.40
KSF67	1.00	2.20	2.30/3.00	3.20	2.70	2.70
KSF77	1.90	4.10	3.90/5.80	6.50	4.90	4.90
KSF87	3.80	8.00	7.10/10.1	12.0	9.10	9.10
KSF97	7.40	15.0	13.8/18.8	22.6	18.0	18.0

KSA...,KSH..., KSAF...,KSHF..., KSAZ...,KSHZ..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KS..37	0.25	0.40	0.50	0.50	0.40	0.40
KS..47	0.40	0.80	0.70/0.90	1.00	0.80	0.80
KS..57	0.50	1.10	1.00/1.50	1.50	1.20	1.20
KS..67	1.00	2.00	1.80/2.60	2.90	2.50	2.50
KS..77	1.80	3.90	3.60/5.00	5.80	4.50	4.50
KS..87	3.80	7.40	6.00/8.70	10.8	8.00	8.00
KS..97	7.00	14.0	11.4/16.0	20.5	15.7	15.7

TUNYO



東洋KF平行軸-斜齒輪減速電機
TUNYO KF PARALLEL SHAFT- HELICAL GEARED MOTOR

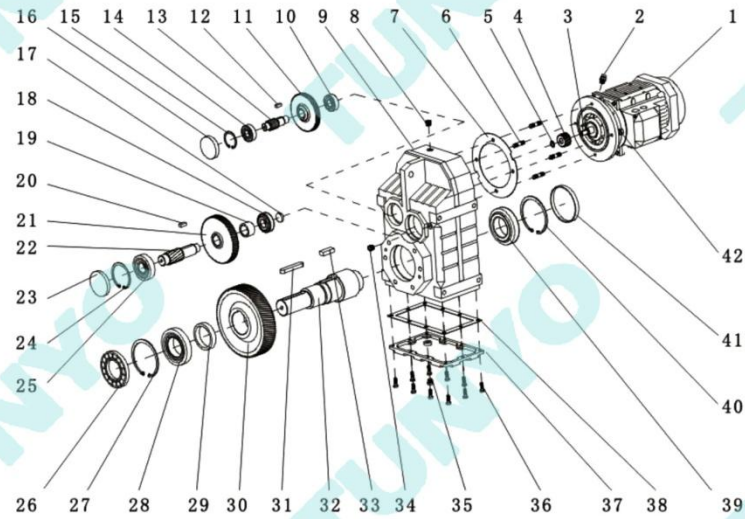
PROFESSIONAL MANUFACTURER OF POWER TRANSMISSION

DESIGN PHILOSOPHY: To follow the law, but always beyond.

BUSINESS PHILOSOPHY: Design for customer demand , dedication for customer satisfaction

K系列斜齒輪減速電機 K Series Helical Gear Motor

3.1 部件分解圖 / Spare Parts List



- | | |
|-----------------------------------|-----------------------------------|
| 1 电机/motor | 22 齒輪軸/gear shaft |
| 2 透氣閥/breather valve | 23 平面油封/plane seal |
| 3 平鍵/flat key | 24 孔用擋圈/retaining rings for bores |
| 4 齒輪/gear | 25 軸承/bearing |
| 5 軸用擋圈/retaining rings for shafts | 26 骨架油封/skeleton oil seal |
| 6 雙頭螺柱/stud | 27 孔用擋圈/retaining rings for bores |
| 7 紙墊/gasket | 28 軸承/bearing |
| 8 油塞/oil level plug | 29 軸套/spacer tube |
| 9 箱体/housing | 30 齒輪/gear |
| 10 軸承/bearing | 31 平鍵/flat key |
| 11 齒輪/gear | 32 輸出軸/output shaft |
| 12 平鍵/flat key | 33 平鍵/flat key |
| 13 齒輪軸/gear shaft | 34 油塞/oil level plug |
| 14 軸承/bearing | 35 油塞/oil level plug |
| 15 孔用擋圈/retaining rings for bores | 36 外六角螺釘/hex head screw |
| 16 平面油封/plane seal | 37 蓋板/cover plate |
| 17 平面油封/plane seal | 38 紙墊/gasket |
| 18 軸承/bearing | 39 軸承/bearing |
| 19 軸套/spacer tube | 40 孔用擋圈/retaining rings for bores |
| 20 平鍵/flat key | 41 平面油封/plane seal |
| 21 齒輪/gear | 42 六角螺母/hexagon nut |

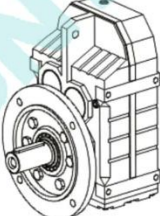
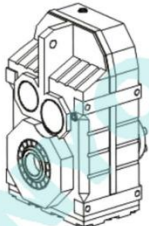
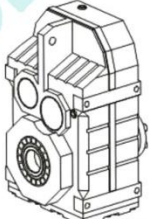
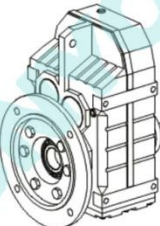
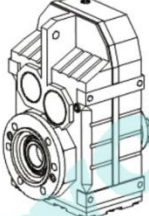
K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

3.2 機型版本 / Versions

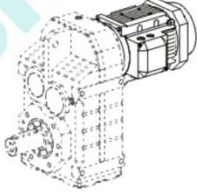
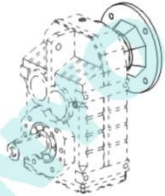
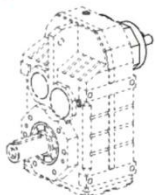
3.2.1 基本型式 / Basic Versions

	<p>KF.. 底腳安裝平行軸 - 斜齒輪減速機 Foot-mounted parallel shaft helical geared units.</p>
	<p>KFA..B 底腳空心軸安裝平行軸 - 斜齒輪減速機 Foot-mounted parallel shaft helical geared units. KFV..B 底腳花鍵空心軸 (DIN5480) 安裝平行軸 - 斜齒輪減速機 Foot-mounted parallel shaft helical geared motor with splined hollow shaft to DIN5480.</p>
	<p>KFA.. 空心軸安裝平行軸 - 斜齒輪減速機 Parallel shaft helical geared units with hollow shaft. KFV.. 花鍵空心軸 (DIN5480) 安裝平行軸 - 斜齒輪減速機 Parallel shaft helical geared units with splined hollow shaft to DIN5480.</p>
	<p>KFAF.. B5法蘭空心軸安裝平行軸 - 斜齒輪減速機 Parallel shaft helical geared units in B5 flangemounted version with hollow shaft. KFVF.. B5法蘭花鍵空心軸 (DIN5480) 安裝平行軸 - 斜齒輪減速機 Parallel shaft helical geared units in B5 flange-mounted version with splined hollow shaft to DIN5480.</p>
	<p>KFAZ.. B14法蘭空心軸安裝平行軸 - 斜齒輪減速機 Parallel shaft helical geared units in B14 flange-mounted version with hollow shaft. KFVZ.. B14法蘭花鍵空心軸 (DIN5480) 安裝平行軸 斜齒輪減速機 Parallel shaft helical geared units in B14 flange-mounted version with splined hollow shaft to DIN5480.</p>

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

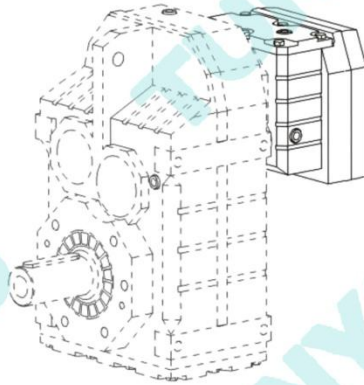
	<p>KFF.. B5法蘭安裝平行軸-斜齒輪減速機 Parallel shaft helical geared units in B5 flange-mounted version.</p>
	<p>KFH..B 底腳空心軸鎖緊盤安裝平行軸-斜齒輪減速機 Foot-mounted parallel shaft helical geared units with hollow shaft and shrink disk.</p>
	<p>KFH.. 空心軸鎖緊盤安裝平行軸-斜齒輪減速機 Parallel shaft helical geared units with hollow shaft and shrink disk.</p>
	<p>KFHF.. B5法蘭空心軸鎖緊盤安裝平行軸-斜齒輪減速機 Parallel shaft helical geared units in B5 flange-mounted version with hollow shaft and shrink disk.</p>
	<p>KFHZ.. B14法蘭空心軸鎖緊盤安裝平行軸-斜齒輪減速機 Parallel shaft helical geared units in B14 flange-mounted with hollow shaft and shrink disk.</p>

3.2.2 輸入型式 / Input Versions

	<p>KF..Y.. 直聯電機輸入 Input with geared motors.</p>
	<p>KF..AM.. AM (IEC) 法蘭輸入 Input with AM adapters for mounting IEC motors.</p>
	<p>KF..AD.. AD 軸輸入 Input with AD shaft assembly.</p>

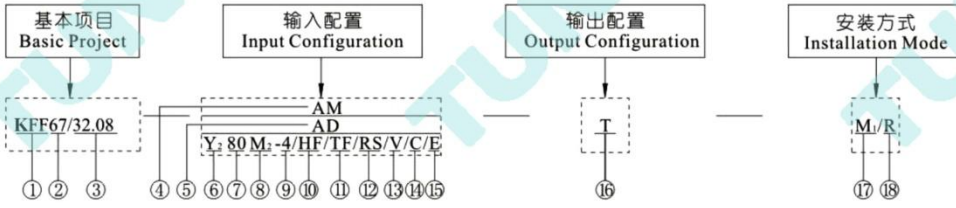
3.2.3 KF..與 KRF..組合 / KF.. and KRF.. Combination

當需要特別低速輸出時，可選擇 KRF 齒輪箱作為 KF 齒輪箱的輸入。
If special low speed is needed, KRF.. gearbox can be the input of KF.. Gearbox.



K系列斜齿輪减速電機 K Series Helical Gear Reduction Motor

3.3 产品标注 / Product Code



	标号 NO.	含义 Meaning	说明 Explanation
基本项目 Basic Project	①	系列代号 Series Code	KF、KFF、KFA... (详见3.2.1) KF,KFF,KFA...(see 3.2.1).
	②	机座号 Frame Size	机座号: 37、47、57... Frame Size: 37, 47, 57...
	③	传动比 Transmission Ratio	传动比 i Transmission Ratio I.
输入配置 Input Configuration	④	法兰输入代号 Flange Input Code	AM(IEC): 63、71、80...
	⑤	轴输入代号 Shaft Input Code	AD: 1、2、3...
	⑥	电机代号 Motor Code	Y: 三相异步电动机 Y: Three Phase Asynchronous Motor. YD: 变极多速三相异步电动机 YD: Variable-pole Multi-speed Three Phase Asynchronous Motor. YS: 小功率三相异步电动机 YS: Small Power Three Phase Asynchronous Motor. YVF: 变频调速三相异步电动机 YVF: Variable Frequency Speed Control Three Phase Asynchronous Motor. Y:EJ: 电磁制动三相异步电动机 Y:EJ: Electromagnetic Brake Three Phase Asynchronous Motor. YB2: 隔爆三相异步电动机 YB2: Flame Proof Three Phase Asynchronous Motor.
	⑦	电机机座号 Motor Frame Size.	63、71、80...
	⑧	电机定子铁芯长度代号 Length Code of Stator Core.	M、M ₁ 、M ₂ 、S、S ₁ 、S ₂ 、L、L ₁ 、L ₂
	⑨	电机极数 Pole Number of Motor.	2、4、6、8

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

	标号 NO.	含义 Meaning	说明 Explanation
输入配置 Input Configuration	⑩	手动释放装置 Manual Release Device	无代码: 无手动释放装置 No Code: No manual release device. HF: 手动释放装置带自锁功能 HF: Manual release device with self-locking Fun-Ction. HR: 手动释放装置不带自锁功能 HR: Manual release device without self-Locking function.
	⑪	电机热保护装置 Motor Heat-protection Device.	无代码: 无电机热保护装置 No Code: No motor heat-protection device. TF: 电机热保护装置 TF: Motor heat-protection device.
	⑫	逆止器 Backstop	无代码: 无逆止器 No Code: No backstop. RS: 逆止器 RS: Backstop.
	⑬	强制冷却风扇 Forced Cooling Fan	无代码: 无强制冷却风扇 No Code: no forced cooling fan. V: 强制冷却风扇 V: Forced cooling fan.
	⑭	防雨罩 Cover	无代码: 无风扇防护罩 No Code: No fan cover. C: 防雨罩 C: cover.
	⑮	编码器 Encoder	无代码: 无编码器 No Code: No encoder. E: 编码器 E: Encoder
输出配置 Output Configuration	⑯	扭力臂 Torque Arm	无代码: 无扭力臂 No Code: No torque arm. T: 扭力臂 T: Torque Arm.
安装方式 Mounting Positions	⑰	安装方位 Mounting Position	M1、M2、M3、M4、M5、M6
	⑱	电机接线盒方位 Position for motor terminal box.	R、B、L、T

说明:

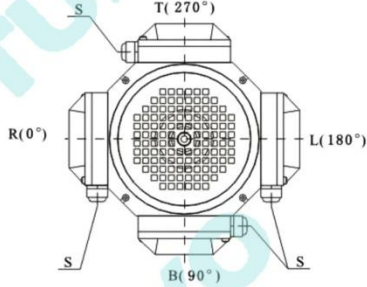
1. 基本项目不可省略;
2. 输入配置中, 只能在 AM、AD 和电机之间选择一种;
3. 安装方式参数若省略, 默认按 M1 安装方位, R 接线盒方位提供。

Notes:

1. Basic project can not be omitted.
2. Input configuration can only be one of AM, AD and motor.
3. If not mounting position, default mounting position will be M1, default position for motor terminal will be R.

3.4 安裝方位 / Mounting Positions

3.4.1 電機接線盒方位 / Position of Motor Terminal Box



R(0°): 默认接線盒方位

R(0°): Default Position for Motor Terminal Box

注: 圖為M1安裝方位。

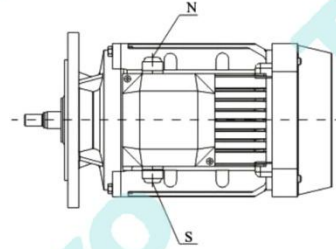
Mark :This picture is the installation position of M1

說明:

上圖的視圖方向為: 從電機尾部的風罩向前看。

可提供 R (0°)、B (90°)、L (180°)、T (270°) 四種電機接線盒方位。其中 R (0°) 位置是默认方位。如無特別說明, 將按默认方位提供。

可提供 S 和 N 兩種進線方位, 其中 S 位置是默认方位。如無特別說明, 將按默认方位提供。



S: 默认進線方位

S: Default Line Position

Notes:

The view direction of above figure: from the fan cover in the end of the motor to look forward.

There will be four position for motor terminal box: R(0°)、B(90°)、L(180°)、T(270°). And default position is R(0°). If no special explanation, it will be provided in default position. If no special explanation, it will be provided in default position.

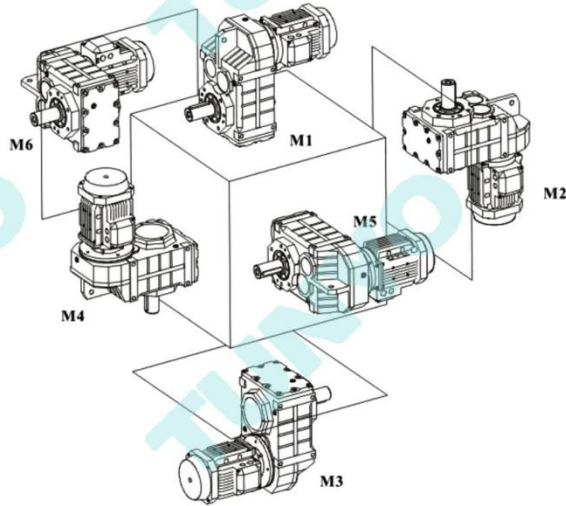
There will be two line position: S and N. Default position is S. If no special explanation, it will be provided in default position. If no special explanation, it will be provided in default position.

3.4.2 油位符號說明 / Oil Level Symbol Explanation

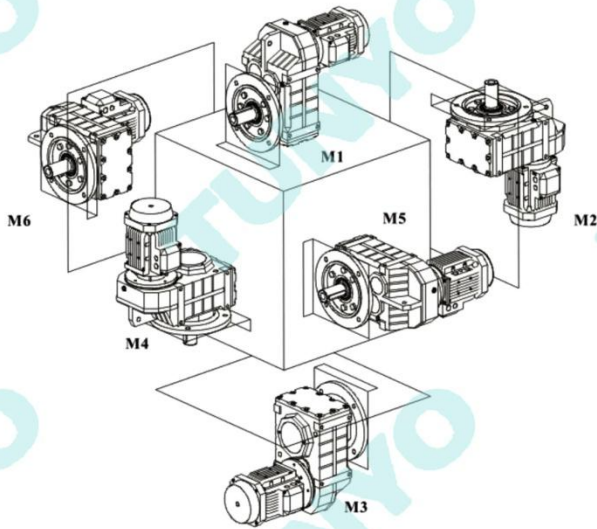
符號 Symbol	含義	Meaning
	通氣帽	BREATHER VALVE
	油標	OIL LEVEL PLUG
	排油塞	OIL DRAIN PLUG

3.4.3 安裝位置示意 / Mounting Position Designation

KF..安裝位置示意圖 / KF.. Mounting Position Designation



KFF..安裝位置示意圖 / KFF.. Mounting Position Designation



K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

3.4.4 安裝方位 / Mounting Positions

***→提示:**

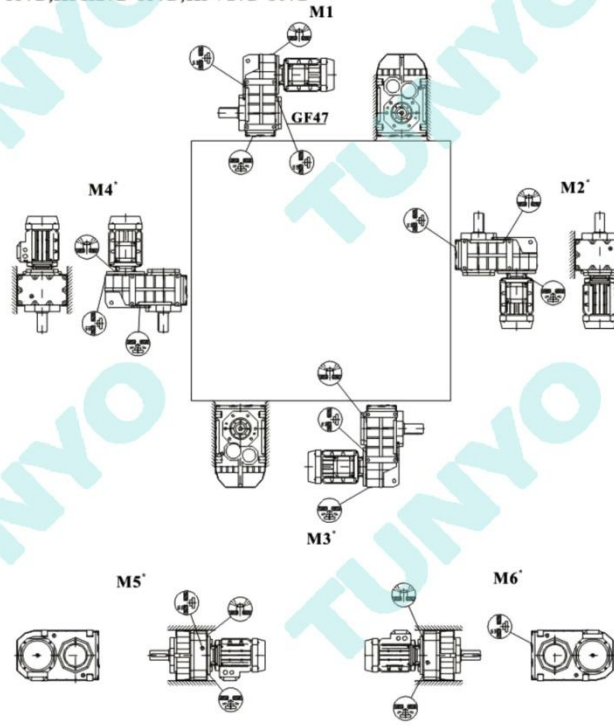
当采用下表列出的安装方式及输入转速时，
齿轮箱会产生不可忽视的搅油损失。请联系本
公司。

***→Reminder:**

Increased churning losses may arise in the following
mounting positions. Contact Greatwall Machinery.

安装方式 Mounting Position	齿轮箱规格 Gear Unit Size	输入转速 Input Speed (r/min)
M2, M3, M4, M5, M6	97-107	>2500
	>107	>1500

KF,KFA27B~157B,KFH27B-157B,KFV27B-107B



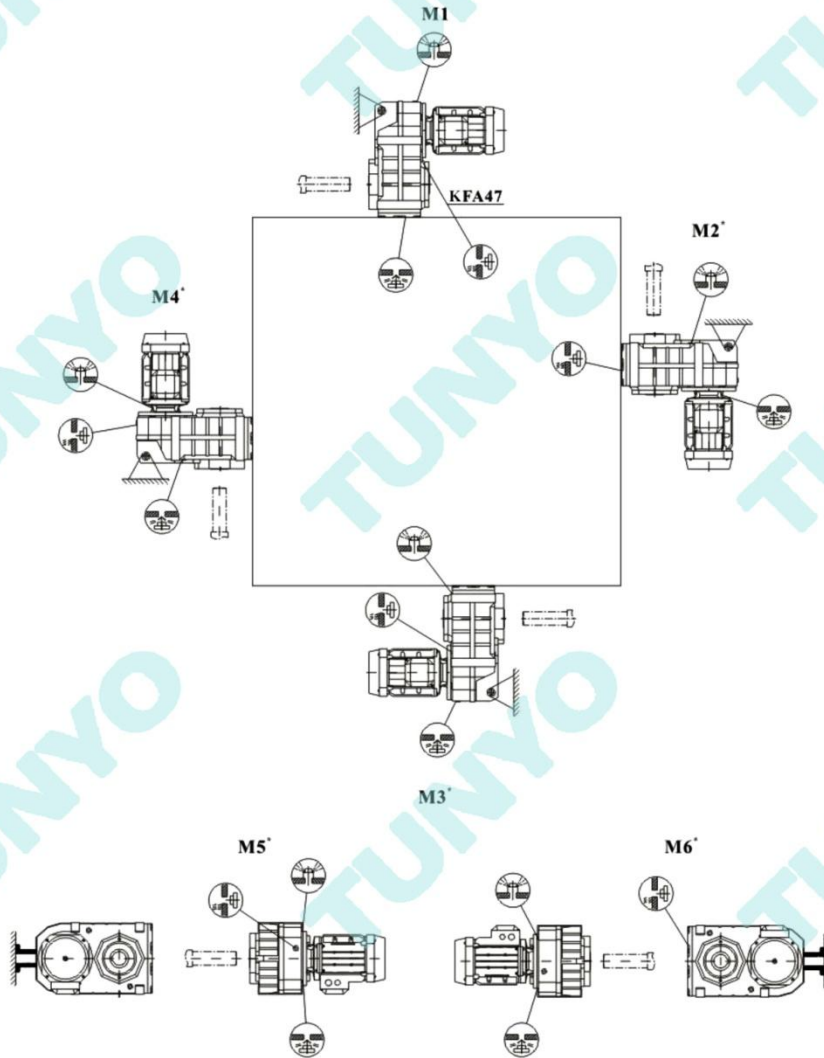
KF..27  M1,M3,M5,M6

KF..27  M1-M6

KF..27  M1,M3,M5,M6

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

KFA27-157, KFH27-157, KFA27-107



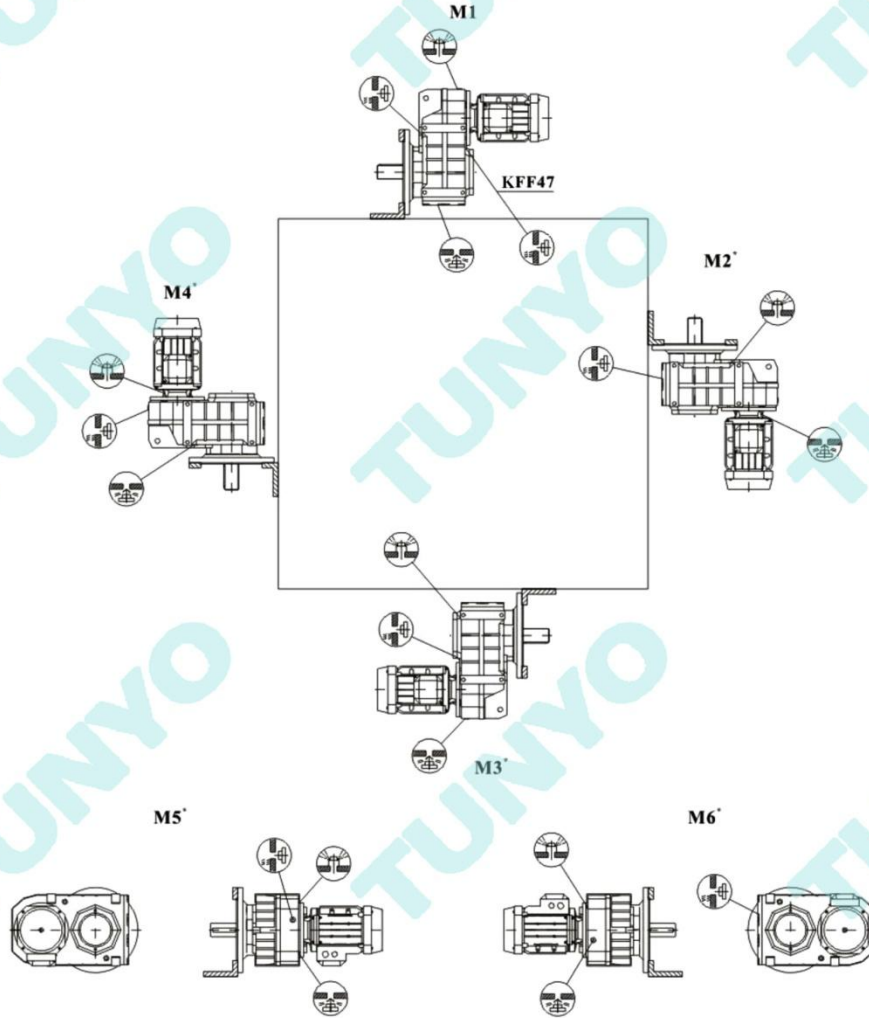
KF..27  M1, M3, M5, M6

KF..27  M1-M6

KF..27  M1, M3, M5, M6

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

KFF,KFAF,KFHF,KFAZ,KFHZ27-157,KFVF27-107,KFVZ27-107



KF..27  M1,M3,M5,M6

KF..27  M1-M6

KF..27  M1,M3,M5,M6

3.5 減速器組合表 / Gear Unit Combination Table

為得到特別低的輸出轉速，可以通過KRF齒輪箱與KF齒輪箱相連的方式實現。

當採用這種傳動方案時，可配置電動機的功率依賴於減速機的極限輸出扭矩，而不能通過電動機的額定功率和減速機的總傳動比計算得出減速機的輸出扭矩。

KRF series of gear units and KF series of gear units can be connected together to get special output speed.

For this transmission scheme, the power of the motor depends on the limit output torque of the gearbox, instead of the output torque calculated based on rated power of the motor and the transmission ratio of the gear unit.

KF..與KRF..齒輪箱可能的組合 / Possible Combination of KF.. and KRF..

	KRF17	KRF27	KRF37	KRF47	KRF57	KRF67	KRF77	KRF87	KRF97	KRF107
KF..27										
KF..37										
KF..47										
KF..57										
KF..67										
KF..77										
KF..87										
KF..97										
KF..107										
KF..127										
KF..157										

說明：

- : 表示可能的組合。
- : 表示不允許的組合。

Notes:

- : Possible Combination.
- : Impossible Combination.

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

3.6 KF..功率配置 / GF..Power Configuration

KF27 n ₁ =1400 1/min						130Nm			
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.12 -0.55	0.75 1.10	1.50	2.20		
3									
9.90	130	4500	140.74						
11.0	130	4500	129.09						
13.0	130	4500	109.90						
15.0	130	4500	94.76						
16.0	130	4500	88.32						
18.0	130	4500	77.21						
19.0	130	4500	72.37						
22.0	130	4400	63.86						
25.0	130	4180	56.62						
28.0	130	3980	50.19						
30.0	130	3860	46.78						
34.0	130	3640	40.89						
37.0	130	3530	38.33						
41.0	130	3340	33.83						
2									
47.0	130	3140	29.56						
52.0	130	3030	27.18						
60.0	130	2820	23.25						
69.0	130	2630	20.15						
74.0	130	2550	18.84						
86.0	130	2370	16.28						
101	130	2180	13.84						
113	130	2060	12.35						
133	130	1900	10.55						
142	130	1830	9.88						
149	130	1660	9.40						
172	123	1580	8.13						
203	114	1530	6.91						
227	109	1480	6.17						
266	100	1440	5.27						
284	96	1420	4.93						
337	87	1380	4.16						
KF37 n ₁ =1400 1/min						200Nm			
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.12 -0.55	0.75 1.10	1.50	2.20 3.00		
3									
11.0	200	4290	128.51						
12.0	200	4290	117.88						
14.0	200	4290	100.36						
16.0	200	4290	86.53						
17.0	200	4290	80.65						

KF37 n ₁ =1400 1/min						200Nm			
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.12 -0.55	0.75 1.10	1.50	2.20 3.00		
3									
20.0	200	4290	70.50						
21.0	200	4290	66.09						
24.0	200	4290	58.32						
26.0	200	4290	54.54						
27.0	200	4290	51.70						
30.0	200	4290	47.02						
32.0	200	4290	43.83						
37.0	200	4290	38.31						
39.0	200	4290	35.91						
44.0	200	4290	31.69						
50.0	200	4060	28.09						
59.0	200	3760	23.88						
2									
59.0	200	3740	23.63						
68.0	200	3500	20.57						
73.0	200	3390	19.27						
82.0	200	3180	17.03						
89.0	200	3070	15.81						
98.0	200	2910	14.33						
109	200	2750	12.87						
126	190	2620	11.08						
134	185	2580	10.42						
156	175	2460	8.97						
175	170	2360	8.01						
188	145	2350	7.44						
208	140	2270	6.74						
231	135	2190	6.05						
269	125	2120	5.21						
286	120	2100	4.90						
332	110	2030	4.22						
371	105	1970	3.77						
KF47 n ₁ =1400 1/min						400Nm			
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.12 -0.55	0.75 1.10	1.50	2.20 3.00		
3									
7.30	400	5920	190.76						
8.00	400	5920	175.38						
9.30	400	5920	150.06						
11.0	400	5920	130.07						
12.0	400	5920	121.57						
13.0	400	5920	105.09						

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

KF47 n ₁ =1400 1/min										400Nm				
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 -0.55	0.75 1.10	1.50	2.20 3.00							
3														
16.0	400	5920	89.29											
18.0	400	5920	79.72											
21.0	400	5920	68.09											
21.0	400	5920	65.36											
25.0	400	5920	56.49											
29.0	400	5920	48.00											
33.0	400	5920	42.86											
38.0	400	5920	36.61											
41.0	400	5920	34.29											
48.0	400	5790	28.88											
2														
45.0	400	5920	30.86											
48.0	400	5830	29.32											
54.0	400	5460	25.72											
64.0	400	5030	21.82											
71.0	400	4770	19.70											
81.0	400	4450	17.33											
86.0	400	4320	16.36											
101	400	3950	13.93											
111	400	3740	12.66											
128	400	3440	10.97											
156	330	3250	8.96											
178	380	2630	7.88											
188	380	2530	7.44											
221	350	2470	6.34											
243	340	2390	5.76											
281	320	2310	4.99											
KF57 n ₁ =1400 1/min										600Nm				
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 -0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50					
3														
7.00	600	9200	199.70											
7.60	600	9200	183.60											
8.90	600	9200	157.09											
10.0	600	9200	136.16											
11.0	600	9200	127.27											
13.0	600	9200	110.01											
15.0	600	9200	93.47											
17.0	600	9200	83.46											
19.0	600	9200	72.98											
21.0	600	9200	68.22											
24.0	600	9200	58.97											
28.0	600	9200	50.10											

KF57 n ₁ =1400 1/min										600Nm				
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 -0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50					
3														
31.0	600	9160	44.73											
37.0	600	8510	38.21											
39.0	600	8250	35.79											
46.0	590	7650	30.15											
2														
35.0	290	10500	40.13											
41.0	500	8670	34.24											
47.0	545	7890	29.94											
49.0	535	7760	28.45											
56.0	575	7060	24.96											
66.0	600	6350	21.17											
73.0	600	6020	19.11											
83.0	600	5620	16.81											
88.0	600	5450	15.88											
104	600	4980	13.52											
114	600	4710	12.29											
132	600	4320	10.64											
150	420	4760	9.31											
171	420	4450	8.19											
181	420	4310	7.73											
213	420	3940	6.58											
234	420	3730	5.98											
270	415	3460	5.18											
KF67 n ₁ =1400 1/min										820Nm				
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 -0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50					
3														
6.10	820	10300	228.99											
7.20	820	10300	195.39											
8.20	820	10300	170.85											
8.60	820	10300	162.31											
9.80	820	10300	142.40											
12.0	820	10300	120.79											
13.0	820	10300	109.04											
15.0	820	10300	95.94											
15.0	820	10300	90.59											
18.0	820	10300	79.76											
21.0	820	10300	67.65											
23.0	820	10300	61.07											
26.0	820	10300	53.73											
28.0	820	10300	50.74											
32.0	820	10300	43.20											
36.0	780	10700	39.26											
41.0	740	11000	34.01											

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KF67 n ₁ =1400 1/min				820Nm						
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.12 -0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50	
2										
39.0	820	10300	36.30							
44.0	820	10300	32.08							
51.0	820	10300	27.41							
56.0	820	10300	25.13							
63.0	820	10300	22.05							
67.0	820	10300	20.90							
77.0	820	10300	18.29							
85.0	820	10300	16.48							
97.0	820	10300	14.46							
110	820	10300	12.76							
124	820	10300	11.31							
145	820	10300	9.66							
154	530	11400	9.08							
163	570	10900	8.60							
186	610	10100	7.53							
206	620	9660	6.78							
235	610	9200	5.95							
267	590	8850	5.25							
300	560	8590	4.66							
353	500	8390	3.97							
KF77 n₁=1400 1/min										
1500Nm										
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.18 -0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50	
3										
5.00	1500	15700	281.71							
5.30	1500	15700	262.93							
6.20	1500	15700	225.79							
7.10	1500	15700	198.31							
7.40	1500	15700	188.40							
8.40	1500	15700	166.47							
9.80	1500	15700	142.27							
11.0	1500	15700	130.42							
12.0	1500	15700	114.45							
13.0	1500	15700	108.46							
15.0	1500	15700	94.93							
16.0	1500	15700	85.52							
19.0	1500	15700	75.02							
19.0	1500	15700	72.50							
21.0	1500	15700	66.46							
24.0	1500	15700	58.32							
25.0	1500	15700	55.27							
29.0	1500	15700	48.37							
32.0	1500	15700	43.58							
37.0	1500	15700	38.23							
41.0	1500	15700	33.74							
47.0	1500	15700	29.91							
55.0	1450	16100	25.54							
2										
38.0	1110	17900	36.58							
44.0	1380	16500	31.51							

KF77 n ₁ =1400 1/min				1500Nm						
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.18 -0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50	
2										
38.0	1110	17900	36.58							
44.0	1380	16500	31.51							
49.0	1430	16200	28.75							
55.0	1500	15700	25.50							
65.0	1500	15700	21.43							
71.0	1500	15700	19.70							
80.0	1500	15700	17.49							
90.0	1500	15700	15.64							
100	1500	15700	14.06							
115	1500	14900	12.20							
128	1500	14200	10.93							
151	1080	13800	9.30							
169	1080	13100	8.26							
189	1080	12500	7.39							
211	1080	12000	6.64							
243	1080	11300	5.76							
271	1080	10700	5.16							
327	1010	10200	4.28							
KF77 n₁=1400 1/min										
1500Nm										
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	11.0						
3										
5.00	1500	15700	281.71							
5.30	1500	15700	262.93							
6.20	1500	15700	225.79							
7.10	1500	15700	198.31							
7.40	1500	15700	188.40							
8.40	1500	15700	166.47							
9.80	1500	15700	142.27							
11.0	1500	15700	130.42							
12.0	1500	15700	114.45							
13.0	1500	15700	108.46							
15.0	1500	15700	94.93							
16.0	1500	15700	85.52							
19.0	1500	15700	75.02							
19.0	1500	15700	72.50							
21.0	1500	15700	66.46							
24.0	1500	15700	58.32							
25.0	1500	15700	55.27							
29.0	1500	15700	48.37							
32.0	1500	15700	43.58							
37.0	1500	15700	38.23							
41.0	1500	15700	33.74							
47.0	1500	15700	29.91							
55.0	1450	16100	25.54							
2										
38.0	1110	17900	36.58							
44.0	1380	16500	31.51							

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KF77 n ₁ =1400 1/min				1500Nm							
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	11.0							
2											
49.0	1430	16200	28.75								
55.0	1500	15700	25.50								
65.0	1500	15700	21.43								
71.0	1500	15700	19.70								
80.0	1500	15700	17.49								
90.0	1500	15700	15.64								
100	1500	15700	14.06								
115	1500	14900	12.20								
128	1500	14200	10.93								
151	1080	13800	9.30								
169	1080	13100	8.26								
189	1080	12500	7.39								
211	1080	12000	6.64								
243	1080	11300	5.76								
271	1080	10700	5.16								
327	1010	10200	4.28								
KF87 n ₁ =1400 1/min				3000Nm							
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.55	0.75	1.10	1.50	2.20	3.00	4.00	5.50
3											
5.20	3000	19800	270.68								
5.50	3000	19800	255.37								
6.10	3000	19800	228.93								
7.10	3000	19800	197.20								
7.80	3000	19800	179.97								
8.80	3000	19800	159.61								
10.0	3000	19800	134.16								
11.0	3000	19800	123.29								
13.0	3000	19800	109.49								
14.0	3000	19800	97.89								
16.0	3000	19800	88.01								
18.0	3000	19800	76.39								
20.0	3000	19600	68.40								
25.0	3000	17700	56.75								
28.0	2940	16800	50.36								
31.0	2820	16200	45.28								
36.0	2720	15400	39.30								
40.0	2610	14900	35.19								
48.0	2510	13800	29.20								
2											
41.0	2610	14600	33.92								
49.0	2450	13900	28.78								
53.0	3000	11100	26.50								
59.0	3000	10300	23.68								
66.0	3000	9520	21.32								
73.0	3000	8840	19.31								
82.0	3000	8040	17.12								
90.0	3000	7390	15.48								

KF87 n ₁ =1400 1/min				3000Nm							
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.55	0.75	1.10	1.50	2.20	3.00	4.00	5.50
2											
107	3000	6370	13.12								
122	3000	5580	11.46								
146	2880	5050	9.58								
169	1530	8890	8.29								
190	1530	8280	7.35								
211	1530	7790	6.65								
249	1530	7020	5.63								
285	1530	6430	4.92								
340	1460	5980	4.12								
KF87 n ₁ =1400 1/min				3000Nm							
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	11.0	18.5	15.0	22.0				
3											
5.20	3000	19800	270.68								
5.50	3000	19800	255.37								
6.10	3000	19800	228.93								
7.10	3000	19800	197.20								
7.80	3000	19800	179.97								
8.80	3000	19800	159.61								
10.0	3000	19800	134.16								
11.0	3000	19800	123.29								
13.0	3000	19800	109.49								
14.0	3000	19800	97.89								
16.0	3000	19800	88.01								
18.0	3000	19800	76.39								
20.0	3000	19600	68.40								
25.0	3000	17700	56.75								
28.0	2940	16800	50.36								
31.0	2820	16200	45.28								
36.0	2720	15400	39.30								
40.0	2610	14900	35.19								
48.0	2510	13800	29.20								
2											
41.0	2610	14600	33.92								
49.0	2450	13900	28.78								
53.0	3000	11100	26.50								
59.0	3000	10300	23.68								
66.0	3000	9520	21.32								
73.0	3000	8840	19.31								
82.0	3000	8040	17.12								
90.0	3000	7390	15.48								

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KF97 n=1400 i/min				4300Nm						
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	1.10 ~1.50	2.20 3.00	4.00	5.50 7.50	11.0 15.0	18.5 22.0	
3										
5.10	4300	29900	276.77							
5.50	4300	29900	253.41							
6.30	4300	29900	223.88							
7.40	4300	29900	189.92							
8.00	4300	29900	174.87							
9.00	4300	29900	156.30							
9.90	4300	29900	140.71							
11.0	4300	29900	127.42							
12.0	4300	29900	112.99							
14.0	4300	29900	102.16							
14.0	4300	29900	97.58							
16.0	4300	29900	89.85							
16.0	4300	29900	86.59							
17.0	4300	29900	80.31							
19.0	4300	29900	75.63							
19.0	4300	29900	72.29							
21.0	4300	29000	65.47							
24.0	4300	27200	58.06							
27.0	4300	25800	52.49							
31.0	4300	23600	44.49							
36.0	4300	21900	38.86							
43.0	4300	19800	32.50							
2										
32.0	3070	27600	43.28							
38.0	3070	25500	36.64							
41.0	4300	20300	33.91							
46.0	4300	19000	30.39							
51.0	4300	17900	27.44							
56.0	4300	16800	24.92							
63.0	4300	15600	22.11							
70.0	4300	14600	20.07							
81.0	4300	13200	17.25							
93.0	4300	11900	15.06							
110	4300	10500	12.77							
125	4100	10000	11.16							
155	2360	13400	9.06							
170	2360	12600	8.22							
198	2360	11500	7.07							
227	2250	11100	6.17							
268	2150	10400	5.23							
306	2050	9950	4.57							
362	1800	9960	3.87							
KF97 n=1400 i/min				4300Nm						
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	30.0						
3										
5.10	4300	29900	276.77							
5.50	4300	29900	253.41							

KF97 n=1400 i/min				4300Nm						
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	30.0						
3										
6.30	4300	29900	223.88							
7.40	4300	29900	189.92							
8.00	4300	29900	174.87							
9.00	4300	29900	156.30							
9.90	4300	29900	140.71							
11.0	4300	29900	127.42							
12.0	4300	29900	112.99							
14.0	4300	29900	102.16							
14.0	4300	29900	97.58							
16.0	4300	29900	89.85							
16.0	4300	29900	86.59							
17.0	4300	29900	80.31							
19.0	4300	29900	75.63							
19.0	4300	29900	72.29							
21.0	4300	29000	65.47							
24.0	4300	27200	58.06							
27.0	4300	25800	52.49							
31.0	4300	23600	44.49							
36.0	4300	21900	38.86							
43.0	4300	19800	32.50							
2										
32.0	3070	27600	43.28							
38.0	3070	25500	36.64							
41.0	4300	20300	33.91							
46.0	4300	19000	30.39							
51.0	4300	17900	27.44							
56.0	4300	16800	24.92							
63.0	4300	15600	22.11							
70.0	4300	14600	20.07							
81.0	4300	13200	17.25							
93.0	4300	11900	15.06							
110	4300	10500	12.77							
125	4100	10000	11.16							
155	2360	13400	9.06							
170	2360	12600	8.22							
198	2360	11500	7.07							
227	2250	11100	6.17							
268	2150	10400	5.23							
306	2050	9950	4.57							
362	1800	9960	3.87							
KF107 n=1400 i/min				7840Nm						
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	2.20 3.00	4.00	5.50 7.50	11.0 15.0	18.5 22.0	30.0 ~45.0	
3										
5.50	7680	49800	254.40							
6.50	7680	49800	215.37							
7.00	7680	49800	199.31							
7.80	7680	49800	178.64							

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KF107 n ₁ =1400 1/min				7840Nm					
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	2.20 3.00	4.00	5.50 7.50	11.0 15.0	18.5 22.0	30.0 ~45.0
3									
8.70	7680	49800	161.28						
9.60	7680	49800	146.49						
11.0	7680	49800	129.97						
12.0	7680	49800	117.94						
14.0	7680	49800	101.38						
15.0	7680	49800	92.47						
16.0	7680	49800	88.49						
17.0	7680	49800	83.99						
19.0	7680	49800	74.52						
21.0	7680	49800	67.62						
24.0	7680	47800	58.12						
28.0	7680	45100	50.73						
33.0	7680	42000	43.03						
37.0	7680	39500	37.61						
44.0	7680	36500	31.80						
2									
41.0	7400	38300	33.79						
51.0	7840	33300	27.57						
56.0	7840	31500	25.14						
64.0	7840	28800	21.76						
73.0	7840	26500	19.20						
84.0	7840	23900	16.58						
95.0	7680	22400	14.67						
114	7000	22600	12.33						
141	6500	21500	9.96						
144	4910	23500	9.69						
167	4800	22000	8.37						
189	4600	21300	7.40						
225	4600	19000	6.22						
278	4600	16400	5.03						
KF127 n ₁ =1400 1/min				12000Nm					
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	7.50	11.0 15.0	18.5 22.0	30.0 ~45.0	55.0 90.0	
3									
8.20	12000	90000	170.83						
9.10	12000	90000	153.67						
11.0	12000	90000	125.37						
12.0	12000	88000	114.34						
14.0	12000	83000	98.95						
16.0	12000	79000	87.31						
19.0	12000	74300	75.41						
20.0	12000	72100	70.07						
22.0	12000	69400	63.91						
25.0	12000	65200	55.31						
29.0	12000	61300	48.80						
33.0	12000	56800	42.15						
38.0	12000	53200	37.28						
45.0	12000	48300	31.33						
55.0	12000	42400	25.30						

KF127 n ₁ =1400 1/min				12000Nm					
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	7.50	11.0 15.0	18.5 22.0	30.0 ~45.0	55.0 90.0	
2									
52.0	8500	55300	26.86						
57.0	8500	53300	24.57						
65.0	12000	38000	21.38						
74.0	11000	38800	18.87						
86.0	11000	35400	16.36						
96.0	11000	32600	14.55						
112	10000	33300	12.54						
137	9500	30900	10.19						
158	7000	36400	8.86						
178	6000	37000	7.88						
206	7000	32200	6.80						
254	6000	31700	5.52						
299	6000	29500	4.68						
KF157 n ₁ =1400 1/min				18000Nm					
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	11.0 15.0	18.5 22.0	30.0 ~45.0	55.0 90.0	110 132	
3									
5.20	18000	100300	267.43						
6.40	18000	100300	217.62						
7.90	18000	100300	178.20						
8.60	18000	100300	162.96						
9.90	18000	100300	141.80						
11.0	18000	100300	125.14						
13.0	18000	100300	108.49						
15.0	18000	100300	96.53						
16.0	18000	95800	85.80						
18.0	18000	92300	78.46						
21.0	18000	87000	68.28						
23.0	18000	82500	60.25						
27.0	18000	77500	52.24						
30.0	18000	73600	46.48						
35.0	18000	68900	40.06						
43.0	18000	62500	32.55						
51.0	18000	57800	27.60						
2									
26.0	8000	98400	53.55						
32.0	10000	87800	43.94						
39.0	11000	79300	35.75						
49.0	17000	60800	28.60						
55.0	15000	61500	25.43						
63.0	18000	51800	22.16						
71.0	17000	50900	19.77						
83.0	18000	44900	16.85						
100	17000	42500	13.96						
117	16000	40900	11.92						

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K Series Helical Gear Reduction Motor

3.7 KF..性能參數 / KF.. Performance Parameters

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=0.12kw						
0.06	13900	22323	86700	0.85	KFA 127 KRF77 KFAF 127 KRF77 KF 127 KRF77 KFF 127 KRF77	Y..63M ₁ -4 AM63 AD2
0.07	11800	19048	90000	1.00		
0.08	10300	16656	90000	1.15		
0.09	9180	14722	90000	1.30		
0.11	7990	12912	90000	1.50		
0.12	7040	11656	90000	1.70		
0.14	6310	10191	90000	1.90		
P₁=0.12kw						
0.10	8850	14767	65000	0.90	KFA 107 KRF77 KFAF 107 KRF77 KF 107 KRF77 KFF 107 KRF77	Y..63M ₁ -4 AM63 AD2
0.11	7550	11348	65000	1.05		
0.13	6600	10039	65000	1.20		
0.14	5890	8548	65000	1.35		
0.17	5150	7674	65000	1.55		
0.19	4490	6767	65000	1.80		
0.22	3700	5954	65000	2.20		
0.24	3210	5223	65000	2.50		
0.27	2910	4567	65000	2.70		
0.32	2670	3521	65000	3.00		
P₁=0.12kw						
0.21	4140	6469	30400	1.05	KFA 97 KRF57 KFAF 97 KRF57 KF 97 KRF57 KFF 97 KRF57	Y..63M ₁ -4 AM63 AD2
0.25	3820	5615	31300	1.15		
0.28	3320	4961	32500	1.30		
0.32	2900	4333	33500	1.50		
P₁=0.12kw						
0.35	2690	3906	34000	1.60	KFA 97 KRF57 KFAF 97 KRF57 KF 97 KRF57 KFF 97 KRF57	Y..63M ₁ -4 AM63 AD2
0.41	2320	3352	34800	1.85		
0.47	1910	2907	35500	2.20		
0.54	1750	2553	35800	2.40		
P₁=0.12kw						
0.33	2760	4245	23800	1.10	KFA 87 KRF57 KFAF 87 KRF57 KF 87 KRF57 KFF 87 KRF57	Y..63M ₁ -4 AM63 AD2
0.37	2210	3721	25800	1.35		
0.43	2240	3244	25700	1.35		
0.48	1990	2881	26500	1.50		
0.54	1780	2576	27100	1.70		
0.63	1510	2199	27800	2.00		
0.72	1300	1930	28300	2.30		
0.81	1170	1709	28600	2.60		
0.92	1030	1493	28900	2.90		
1.10	820	1300	29300	3.70		
1.20	745	1148	29500	4.00		
P₁=0.12kw						
0.53	1820	2613	13000	0.80	KFA 77 KRF37 KFAF 77 KRF37 KF 77 KRF37 KFF 77 KRF37	Y..63M ₁ -4 AM63 AD2
0.60	1570	2284	15200	0.95		
0.68	1380	2029	16400	1.10		
0.80	1180	1728	17500	1.25		
0.89	1090	1544	17900	1.40		
1.00	950	1354	18500	1.55		
1.20	840	1200	18800	1.75		
1.30	740	1053	19100	2.00		
1.50	630	910	19400	2.40		
1.70	525	810	19600	2.80		
1.90	460	710	19800	3.20		
P₁=0.12kw						
0.97	960	1429	7070	0.85	KFA 67 KRF37 KFAF 67 KRF37 KF 67 KRF37 KFF 67 KRF37	Y..63M ₁ -4 AM63 AD2
1.10	860	1271	9840	0.95		
1.20	725	1102	11100	1.15		
1.40	635	970	11700	1.30		
P₁=0.12kw						
1.60	560	858	12100	1.45	KFA 67 KRF37 KFAF 67 KRF37 KF 67 KRF37 KFF 67 KRF37	Y..63M ₁ -4 AM63 AD2
1.80	490	755	12400	1.65		
2.20	415	641	12700	1.95		
2.40	390	572	12800	2.10		
2.70	330	509	13000	2.50		
3.20	285	437	13000	2.80		
P₁=0.12kw						
1.60	610	851	9100	1.00	KFA 57 KRF37 KFAF 57 KRF37 KF 57 KRF37 KFF 57 KRF37	Y..63M ₁ -4 AM63 AD2
1.90	520	738	9750	1.15		
2.10	455	646	10200	1.30		
2.50	385	558	10600	1.55		
2.70	345	506	10900	1.75		
3.00	295	452	11100	2.00		
3.20	310	426	11100	1.95		
3.60	270	382	11300	2.20		
4.20	230	330	11500	2.60		
4.60	210	298	11500	2.80		
5.30	185	262	11500	3.20		
P₁=0.12kw						
2.50	385	543	6100	1.05	KFA 47 KRF17 KFAF 47 KRF17 KF 47 KRF17 KFF 47 KRF17	Y..63M ₁ -4 AM63 -
2.90	330	475	6740	1.20		
3.30	290	419	7150	1.40		
2.60	380	524	6190	1.05		
2.80	350	489	6530	1.15		
3.20	300	427	7020	1.30		
3.60	265	381	7310	1.50		
4.10	235	334	7550	1.70		
4.70	205	295	7740	1.95		
5.40	172	253	7910	2.30		
P₁=0.12kw						
4.30	215	322	3990	0.90	KFA 37 KRF17 KFAF 37 KRF17 KF 37 KRF17 KFF 37 KRF17	Y..63M ₁ -4 AM63 -
5.00	192	278	4400	1.05		
5.70	162	242	4750	1.25		
6.20	156	221	4820	1.30		
4.20	235	326	3710	0.85		
4.80	200	285	4250	1.00		
5.50	177	250	4590	1.15		
6.30	156	219	4820	1.30		
7.40	132	186	5040	1.50		
8.30	118	167	5140	1.70		
P₁=0.12kw						
6.20	155	221	4500	0.85	KFA 27 KRF17 KFAF 27 KRF17 KF 27 KRF17 KFF 27 KRF17	Y..63M ₁ -4 AM63 -
8.00	119	172	4500	1.10		
9.00	104	153	4500	1.25		
11.0	87	130	4500	1.50		
6.50	150	211	4500	0.85		
7.40	131	186	4500	1.00		
9.70	102	142	4500	1.25		
11.0	88	124	4500	1.45		
13.0	77	109	4500	1.70		
14.0	67	96	4500	1.95		
P₁=0.12kw						
6.90	166	199.7	11500	3.60	KFA 57 KFAF 57 KF 57 KFF 57	Y..63M ₁ -4 AM63 AD2
7.50	152	183.6	11500	3.90		
8.80	130	157.09	11500	4.60		
10.0	113	136.16	11500	5.30		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration	n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration		
P_i=0.12kw							P_i=0.18kw								
7.20	158	190.76	7970	2.50	KFA 47	Y..63M _i -4 AM63 AD1	0.37	3670	3521	59100	2.10	KFA 107 KRF77	Y..63M _i -4 AM63 AD2		
7.90	146	175.38	8020	2.80	KFAF 47		KFAF 107 KRF77								
9.20	125	150.06	8100	3.20	KF 47		KF 107 KRF77								
11.0	108	130.07	8150	3.70	KFF 47		KFF 107 KRF77								
11.0	107	128.51	5220	1.85	KFA 37	Y..63M _i -4 AM63 AD1	0.43	3250	3037	59900	2.40	KFA 107 KRF77	Y..63M _i -4 AM63 AD3		
12.0	98	117.88	5270	2.00	KFAF 37		KFAF 107 KRF77								
14.0	83	100.36	5340	2.40	KF 37		KF 107 KRF77								
16.0	72	86.53	5400	2.80	KFF 37		KFF 107 KRF77								
17.0	67	80.65	5410	3.00											
9.80	117	140.74	4500	1.10		Y..63M _i -4 AM63 AD1	0.30	4800	4333	22800	0.90	KFA 97 KRF57	Y..63M _i -4 AM63 AD2		
11.0	107	129.09	4500	1.20			KFAF 97 KRF57								
13.0	91	109.9	4500	1.40			KF 97 KRF57								
15.0	79	94.76	4500	1.65			KFF 97 KRF57								
16.0	73	88.32	4500	1.75											
18.0	64	77.21	4500	2.00	KFA 27										
19.0	60	72.37	4500	2.20	KFAF 27										
22.0	53	63.86	4500	2.40	KF 27										
24.0	47	56.62	4500	2.80	KFF 27										
28.0	42	50.19	4500	3.10											
30.0	39	46.78	4500	3.40											
34.0	34	40.89	4500	3.80											
36.0	32	38.33	4430	4.10											
41.0	28	33.83	4270	4.60											
47.0	24	29.56	4100	5.30		Y..63M _i -4 AM63 AD2	0.51	2920	2576	22300	1.00	KFA 87 KRF57	Y..63M _i -4 AM63 AD2		
51.0	23	27.18	4000	5.80	KFA 27		KFAF 87 KRF57								
59.0	19	23.25	3820	6.70	KFAF 27		KF 87 KRF57								
68.0	17	20.15	3650	7.80	KF 27		KFF 87 KRF57								
73.0	16	18.84	3580	8.30	KFF 27										
85.0	14	16.28	3420	9.60											
100	12	13.84	3250	11.0											
112	10	12.35	3140	13.0											
131	8.8	10.55	2990	15.0											
140	8.2	9.88	2920	16.0											
147	7.8	9.4	2870	17.0	KFA 27	Y..63M _i -4 AM63 AD2	0.86	1770	1544	13500	0.85	KFA 77 KRF37	Y..63M _i -4 AM63 AD2		
170	6.7	8.13	2740	18.0	KFAF 27		KFAF 77 KRF37								
200	5.7	6.91	2600	20.0	KF 27		KF 77 KRF37								
224	5.1	6.17	2510	21.0	KFF 27		KFF 77 KRF37								
262	4.4	5.27	2390	23.0											
280	4.1	4.93	2340	23.0											
332	3.5	4.16	2210	25.0											
0.10	13600	12912	87200	0.90											
0.11	12100	11656	90000	1.00	KFA 127 KRF77		Y..63M _i -4 AM63 AD2	1.50	940	858	8660	0.85		KFA 67 KRF37	Y..63M _i -4 AM63 AD2
0.13	10700	10191	90000	1.10	KFAF 127 KRF77			KFAF 67 KRF37							
0.15	8940	8831	90000	1.35	KF 127 KRF77	KF 67 KRF37									
0.17	7740	7643	90000	1.55	KFF 127 KRF77	KFF 67 KRF37									
0.20	7130	6715	90000	1.70											
0.15	8440	8548	47700	0.90	KFA 107 KRF77	Y..63M _i -4 AM63 AD2	2.60	575	500	12000	1.40	KFA 67 KRF37	Y..63M _i -4 AM63 AD2		
0.17	8130	7674	48600	0.95	KFAF 107 KRF77		KFAF 67 KRF37								
0.20	7070	6767	51400	1.10	KF 107 KRF77		KF 67 KRF37								
0.22	6080	5954	53800	1.25	KFF 107 KRF77		KFF 67 KRF37								
0.25	5290	5223	55700	1.45											
0.29	4850	4567	56600	1.60											

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n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration		
P₁=0.18kw								
5.60	260	238	13000	3.10	KFA 67 KRF37 KFAF 67 KRF37 KF 67 KRF37 KFF 67 KRF37	Y..63M ₂ -4 AM63 AD2		
6.60	215	200	13000	3.70				
2.40	635	558	7570	0.95			KFA 57 KRF37 KFAF 57 KRF37 KF 57 KRF37 KFF 57 KRF37	Y..63M ₂ -4 AM63 AD2
2.60	570	506	9420	1.05				
2.90	495	452	9930	1.20				
3.40	425	386	10400	1.40				
3.90	370	338	10700	1.60				
3.10	500	426	9910	1.20				
3.50	445	382	10300	1.35				
4.00	380	330	10700	1.55				
4.40	340	298	10900	1.75				
5.00	300	262	11100	2.00				
5.80	255	226	11400	2.30				
6.60	220	200	11500	2.70				
3.60	410	370	5210	0.95	KFA 47KRF17 KFAF 47 KRF17 KF 47 KRF17 KFF 47 KRF17	Y..63M ₂ -4 AM63		
4.10	375	324	6250	1.05				
4.60	325	288	6810	1.20				
5.30	275	249	7250	1.45				
4.00	385	334	6100	1.05				
4.50	335	295	6680	1.20				
5.20	285	253	7190	1.40				
6.10	250	217	7430	1.55				
7.00	220	190	7650	1.80				
7.40	205	178	7740	1.95				
7.10	215	186	4060	0.95	KFA 37 KRF17 KFAF 37 KRF17 KF 37 KRF17 KFF 37 KRF17	Y..63M ₂ -4 AM63		
7.90	194	167	4380	1.05				
9.10	171	145	4660	1.15				
10.0	151	129	4870	1.30				
9.30	166	142	4500	0.80	KFA 27 KRF17 KFAF 27 KRF17 KF 27 KRF17 KFF 27 KRF17	Y..63M ₂ -4 AM63		
11.0	144	124	4500	0.90				
12.0	126	109	4500	1.05				
14.0	110	96	4500	1.20				
3.10	555	281.71	19600	2.70	KFA 77 KFAF 77 KF 77 KFF 77	Y..71 M ₂ -6 AM71 AD2		
3.30	515	262.93	19700	2.90				
3.80	445	225.79	19800	3.40				
3.80	450	228.99	12600	1.80			KFA 67 KFAF 67 KF 67 KFF 67	Y..71 M ₂ -6 AM71 AD2
4.40	385	195.39	12900	2.10				
5.10	335	170.85	13000	2.40				
5.80	295	228.99	13000	2.80	KFA 67 KFAF 67 KF 67 KFF 67	Y..63M ₂ -4 AM63 AD2		
6.80	250	195.39	13000	3.20				
7.70	220	170.85	13000	3.70				
4.40	390	199.7	10600	1.50			KFA 57 KFAF 57 KF 57 KFF 57	Y..71 M ₂ -6 AM71 AD2
4.70	360	183.6	10800	1.65				
5.50	310	157.09	11100	1.95				
6.40	265	136.16	11300	2.20				
6.80	250	127.27	11400	2.40				
7.90	215	110.01	11500	2.80				

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration		
P₁=0.18kw								
6.60	260	199.7	11300	2.30	KFA 57 KFAF 57 KF 57 KFF 57	Y..63M ₂ -4 AM63 AD2		
7.20	235	183.6	11500	2.50				
8.40	200	157.09	11500	2.90				
9.70	177	136.16	11500	3.40				
10.0	166	127.27	11500	3.60				
4.60	375	190.76	6240	1.05	KFA 47 KFAF 47 KF 47 KFF 47	Y..71M ₂ -6 AM71 AD1		
5.00	345	175.38	6600	1.15				
5.80	295	150.06	7090	1.35				
6.70	255	130.07	7410	1.55				
7.20	240	121.57	7530	1.65				
6.90	245	190.76	7470	1.60	KFA 47 KFAF 47 KF 47 KFF 47	Y..63M ₂ -4 AM63 AD1		
7.50	225	175.38	7600	1.75				
8.80	195	150.06	7800	2.00				
10.0	169	130.07	7920	2.40				
11.0	158	121.57	7970	2.50				
7.40	230	117.88	3750	0.85	KFA 37 KFAF 37 KF 37 KFF 37	Y..71M ₂ -6 AM71 AD1		
8.70	198	100.36	4320	1.00				
10.0	171	86.53	4660	1.15				
11.0	159	80.65	4790	1.25				
12.0	139	70.5	4970	1.45				
10.0	167	128.51	4700	1.20	KFA 37 KFAF 37 KF 37 KFF 37	Y..63M ₂ -4 AM63 AD1		
11.0	154	117.88	4840	1.30				
13.0	131	100.36	5040	1.55				
15.0	113	86.53	5180	1.75				
16.0	105	80.65	5230	1.90				
19.0	92	70.5	5300	2.20				
20.0	86	66.09	5330	2.30				
23.0	76	58.32	5380	2.60				
12.0	143	109.9	4500	0.90			KFA 27 KFAF 27 KF 27 KFF 27	Y..63M ₂ -4 AM63 AD1
14.0	123	94.76	4500	1.05				
15.0	115	88.32	4500	1.15				
17.0	100	77.21	4500	1.30				
18.0	94	72.37	4500	1.40				
21.0	83	63.86	4500	1.55				
23.0	74	56.62	4500	1.75				
26.0	65	50.19	4500	2.00				
28.0	61	46.78	4500	2.10				
32.0	53	40.89	4410	2.40				
34.0	50	38.33	4340	2.60				
39.0	44	33.83	4200	3.00				
45.0	38.0	29.56	4040	3.40	KFA 27 KFAF 27 KF 27 KFF 27	Y..63M ₂ -4 AM63 AD2		
49.0	35.0	27.18	3950	3.70				
57.0	30.0	23.25	3780	4.30				
65.0	26.0	20.15	3630	5.00				
70.0	24.0	18.84	3560	5.30				
81.0	21.0	16.28	3410	6.10				
95.0	18.0	13.84	3240	7.20				
107	16.0	12.35	3140	8.10				
125	14.0	10.55	2990	9.50				
134	13.0	9.88	2930	10.0				
140	12.0	9.40	2870	11.0				
162	11.0	8.13	2750	12.0				
191	9.00	6.91	2610	13.0				
214	8.00	6.17	2520	14.0				

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n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=0.18kw						
251	6.90	5.27	2400	14.0	KFA 27	Y..63M _i -4 AM63 AD2
268	6.40	4.93	2350	15.0	KFAF 27	
318	5.40	4.16	2230	16.0	KF 27	
					KFF 27	
335	5.10	8.13	2190	24.0	KFA 27	Y..63 M _i -2 AM63 AD2
394	4.40	6.91	2080	26.0	KFAF 27	
441	3.90	6.17	2000	28.0	KF 27	
516	3.30	5.27	1910	30.0	KFF 27	
551	3.10	4.93	1870	31.0		
655	2.60	4.16	1770	33.0		
P_i=0.25kw						
0.15	13300	8831	87900	0.90	KFA 127 KRF77	Y..71M _i -4 AM71 AD2
0.17	11500	7643	90000	1.05	KFAF 127 KRF77	
0.19	10400	6715	90000	1.15	KF 127 KRF77	
0.22	9230	5925	90000	1.30	KFF 127 KRF77	
0.25	7940	5153	90000	1.50		
0.29	6890	4533	90000	1.75		
0.22	9050	5954	46000	0.85	KFA 107 KRF77	Y..71M _i -4 AM71 AD2
0.25	7890	5223	49300	0.95	KFAF 107 KRF77	
0.28	7120	4567	51300	1.10	KF 107 KRF77	
0.37	5430	3521	55300	1.40	KFF 107 KRF77	
0.43	4780	3037	56800	1.60	KFA 107 KRF77	Y..71M _i -4 AM71 AD3
0.47	4340	2756	57700	1.75	KFAF 107 KRF77	
0.55	3730	2369	59000	2.10	KF 107 KRF77	
0.63	3250	2068	59900	2.40	KFF 107 KRF77	
0.81	2490	1597	61300	3.10		
0.93	2150	1401	61900	3.60		
0.45	4670	2907	27500	0.90	KFA 97 KRF57	Y..71M _i -4 AM71 AD2
0.51	4180	2553	30300	1.05	KFAF 97 KRF57	
0.58	3670	2245	31600	1.15	KF 97 KRF57	
0.66	3200	1970	32800	1.35	KFF 97 KRF57	
0.85	2500	1527	34400	1.70		
0.98	2090	1327	35200	2.00		
1.10	1910	1171	35500	2.20		
1.30	1670	1022	36000	2.60		
0.75	2820	1722	33700	1.50	KFA 97 KRF57	Y..71M _i -4 AM71 AD3
					KFAF 97 KRF57	
					KF 97 KRF57	
					KFF 97 KRF57	
0.67	3130	1930	13500	0.95	KFA 87 KRF57	Y..71M _i -4 AM71 AD2
0.76	2790	1709	23700	1.05	KFAF 87 KRF57	
0.87	2440	1493	25000	1.25	KF 87 KRF57	
1.00	2050	1300	26300	1.45	KFF 87 KRF57	
1.10	1830	1148	26900	1.65		
1.30	1590	1010	27600	1.90		
1.50	1410	887	28000	2.10	KFA 87 KRF57	Y..71M _i -4 AM71 AD3
1.70	1230	780	28500	2.40	KFAF 87 KRF57	
1.90	1040	674	28900	2.90	KF 87 KRF57	
					KFF 87 KRF57	

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=0.25kw						
1.20	1740	1053	13900	0.85	KFA 77 KRF37	Y..71M _i -4 AM71 AD2
1.40	1490	910	15700	1.00	KFAF 77 KRF37	
1.60	1290	810	16900	1.15	KF 77 KRF37	
1.80	1130	710	17700	1.30	KFF 77 KRF37	
2.10	1000	615	18300	1.50	KFA 77 KRF37	Y..71M _i -4 AM71 AD2
2.40	870	538	18700	1.70	KFAF 77 KRF37	
2.70	775	480	19000	1.95	KF 77 KRF37	
3.20	660	413	19400	2.30	KFF 77 KRF37	
2.30	930	572	9150	0.90		Y..71M _i -4 AM71 AD2
2.60	810	509	10400	1.00		
3.00	700	437	11200	1.15		
2.60	830	500	10200	1.00	KFA 67 KRF37	
2.90	755	454	10800	1.10	KFAF 67 KRF37	
3.30	650	392	11600	1.25	KF 67 KRF37	
3.90	550	333	12200	1.50	KFF 67 KRF37	
4.40	485	297	12500	1.70		
5.00	425	261	12700	1.90		
5.50	385	238	12900	2.10		
3.40	620	386	8830	0.95		Y..71M _i -4 AM71 AD2
3.80	540	338	9640	1.10		
5.10	405	255	10500	1.45		
3.40	635	382	7390	0.95	KFA 57 KRF37	
3.90	550	330	9570	1.10	KFAF 57 KRF37	
4.40	495	298	9950	1.20	KF 57 KRF37	
5.00	435	262	10300	1.35	KFF 57 KRF37	
5.80	370	226	10700	1.60		
6.50	320	200	11000	1.85		
7.60	275	170	11300	2.20		
5.20	400	249	5880	1.00		Y..71M _i -4 AM71
6.00	355	218	6470	1.10		
6.70	315	193	6920	1.25		
7.40	285	175	7180	1.40	KFA 47 KRF17	
5.10	410	253	4980	0.95	KFAF 47 KRF17	
6.00	365	217	6380	1.10	KF 47 KRF17	
6.80	315	190	6900	1.25	KFF 47 KRF17	
7.30	295	178	7090	1.35		
8.70	245	149	7480	1.60		
9.90	215	131	7670	1.85		
8.90	245	145	3420	0.80	KFA 37 KRF17	Y..71M _i -4 AM71
10.0	215	129	4040	0.90	KFAF 37 KRF17	
11.0	198	118	4320	1.00	KF 37 KRF17	
13.0	164	98	4740	1.20	KFF 37 KRF17	
15.0	144	87	4940	1.40		
3.20	750	281.71	19100	2.00	KFA 77	Y..71 M _i -6 AM71 AD2
3.40	700	262.93	19300	2.10	KFAF 77	
4.00	600	225.79	19500	2.50	KF 77	
4.50	525	198.31	19600	2.80	KFF 77	
4.80	500	188.40	19700	3.00		
3.90	610	228.99	11800	1.35	KFA 67	Y..71 M _i -6 AM71 AD2
4.60	520	195.39	12300	1.55	KFAF 67	
5.20	455	170.85	12600	1.80	KF 67	
5.50	430	162.31	12700	1.90	KFF 67	
6.30	375	142.40	12900	2.20		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n _i [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=0.25kw						
5.70	420	228.99	12700	1.95	KFA 67 KFAF 67 KF 67 KFF 67	Y..71 M _i -4 AM71 AD2
6.60	355	195.39	13000	2.30		
7.60	310	170.85	13000	2.60		
8.00	295	162.31	13000	2.80		
9.10	260	142.40	13000	3.10		
P_i=0.37kw						
4.50	530	199.70	9700	1.15	KFA 57 KFAF 57 KF 57 KFF 57	Y..71 M _i -6 AM71 AD2
4.90	485	183.60	9990	1.25		
5.70	415	157.09	10500	1.45		
6.60	360	136.16	10800	1.65		
7.00	335	127.27	10900	1.75		
8.10	290	110.01	11200	2.00		
P_i=0.55kw						
6.50	365	199.70	10800	1.65	KFA 57 KFAF 57 KF 57 KFF 57	Y..71M _i -4 AM71 AD2
7.10	335	183.60	10900	1.80		
8.30	285	157.09	11200	2.10		
9.60	250	136.16	11400	2.40		
10.0	230	127.27	11500	2.60		
12.0	200	110.01	11500	3.00		
P_i=0.75kw						
6.00	400	150.06	5920	1.00	KFA 47 KFAF 47 KF 47 KFF 47	Y..71M _i -6 AM71 AD1
6.90	345	130.07	6590	1.15		
7.40	320	121.57	6830	1.25		
8.50	280	105.09	7230	1.45		
P_i=1.1kw						
6.80	350	190.76	6550	1.15	KFA 47 KFAF 47 KF 47 KFF 47	Y..71M _i -4 AM71 AD1
7.40	320	175.38	6850	1.25		
8.70	275	150.06	7270	1.45		
10.0	235	130.07	7540	1.65		
11.0	220	121.57	7640	1.80		
12.0	193	105.09	7810	2.10		
15.0	164	89.29	7950	2.40		
P_i=1.5kw						
10.0	235	128.51	3690	0.85	KFA 37 KFAF 37 KF 37 KFF 37	Y..71M _i -4 AM71 AD1
11.0	215	117.88	4040	0.90		
13.0	184	100.36	4500	1.10		
15.0	159	86.53	4790	1.25		
16.0	148	80.65	4900	1.35		
18.0	130	70.50	5060	1.55		
20.0	121	66.09	5120	1.65		
22.0	107	58.32	5210	1.85		
24.0	100	54.54	5260	2.00		
25.0	95	51.70	5280	2.10		
P_i=2.2kw						
28.0	86	47.02	5330	2.30	KFA 37 KFAF 37 KF 37 KFF 37	Y..71M _i -4 AM71 AD2
30.0	80	43.83	5360	2.50		
34.0	70	38.31	5400	2.80		
36.0	66	35.91	5420	3.00		
41.0	58	31.69	5440	3.40		
P_i=3.0kw						
17.0	142	77.21	4500	0.90	KFA 27 KFAF 27 KF 27 KFF 27	Y..71M _i -4 AM71 AD1
18.0	133	72.37	4500	1.00		
20.0	117	63.86	4500	1.10		
23.0	104	56.62	4500	1.25		
26.0	92	50.19	4440	1.40		
28.0	86	46.78	4370	1.50		
32.0	75	40.89	4240	1.75		
34.0	70	38.33	4180	1.85		
38.0	62	33.83	4060	2.10		

n _i [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration		
P_i=0.25kw								
44.0	54	29.56	3920	2.40	KFA 27 KFAF 27 KF 27 KFF 27	Y..71M _i -4 AM71 AD2		
48.0	50	27.18	3840	2.60				
56.0	43	23.25	3690	3.00				
64.0	37	20.15	3550	3.50				
69.0	35	18.84	3480	3.80				
80.0	30	16.28	3350	4.40				
94.0	25	13.84	3200	5.10				
105	23	12.35	3090	5.70				
123	19	10.55	2950	6.70				
132	18	9.88	2900	7.20				
138	17	9.4	2840	7.50				
160	15	8.13	2720	8.30				
188	13	6.91	2590	9.00				
211	11	6.17	2500	9.60				
247	9.7	5.27	2380	10.0				
264	9.1	4.93	2340	11.0				
313	7.6	4.16	2220	11.0				
P_i=0.37kw								
327	7.3	8.13	2180	17.0	KFA 27 KFAF 27 KF 27 KFF 27	Y..63 M _i -2 AM63 AD2		
385	6.2	6.91	2080	18.0				
431	5.5	6.17	2000	20.0				
505	4.7	5.27	1910	21.0				
539	4.4	4.93	1870	22.0				
640	3.7	4.16	1770	24.0				
P_i=0.55kw								
0.21	14900	6715	84600	0.80	KFA 127 KRF77 KFAF 127 KRF77 KF 127 KRF77 KFF 127 KRF77	Y..71M _i -4 AM71 AD2		
0.23	13200	5925	88100	0.90				
0.27	11400	5153	90000	1.05				
0.30	9930	4533	90000	1.20				
0.35	8690	3926	90000	1.40				
0.40	7560	3454	90000	1.60				
0.46	6610	3031	90000	1.80				
P_i=0.75kw								
0.45	6850	3037	52000	1.10			KFA 107 KRF77 KFAF 107 KRF77 KF 107 KRF77 KFF 107 KRF77	Y..71M _i -4 AM71 AD3
0.50	6210	2756	53500	1.25				
0.58	5340	2369	55500	1.45				
0.67	4660	2068	57000	1.65				
0.86	3570	1597	59300	2.20				
P_i=1.1kw								
0.70	4540	1970	29200	0.95	KFA 97 KRF57 KFAF 97 KRF57 KF 97 KRF57 KFF 97 KRF57	Y..71M _i -4 AM71 AD2		
0.90	3540	1527	32000	1.20				
1.00	2990	1327	33300	1.45				
1.20	2710	1171	33900	1.60				
1.40	2370	1022	34700	1.80				
P_i=1.5kw								
1.50	2000	898	35400	2.10	KFA 97 KRF57 KFAF 97 KRF57 KF 97 KRF57 KFF 97 KRF57	Y..71M _i -4 AM71 AD3		
0.80	3990	1722	30800	1.10				
P_i=2.2kw								
1.10	2930	1300	22000	1.00	KFA 87 KRF57 KFAF 87 KRF57 KF 87 KRF57 KFF 87 KRF57	Y..71M _i -4 AM71 AD2		
1.20	2610	1148	24400	1.15				
1.40	2280	1010	25600	1.30				
P_i=3.0kw								
1.60	2010	887	26400	1.50	KFA 87 KRF57 KFAF 87 KRF57 KF 87 KRF57 KFF 87 KRF57	Y..71M _i -4 AM71 AD3		
1.80	1760	780	27100	1.70				
2.00	1500	674	27800	2.00				

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n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=0.37kw						
2.30	1370	609	28100	2.20	KFA 87 KRF57	Y..71M:-4
2.70	1150	515	28600	2.60	KFAF 87 KRF57	AM71
3.00	1020	452	28900	2.90	KF 87 KRF57	AD3
3.00	1020	452	28900	2.90	KFF 87 KRF57	AD3
1.70	1840	810	11300	0.80		
1.90	1620	710	14900	0.95		
2.20	1420	615	16200	1.05	KFA 77 KRF37	Y..71M:-4
2.60	1240	538	17200	1.20	KFAF 77 KRF37	AM71
2.90	1100	480	17900	1.35	KF 77 KRF37	AD2
3.40	940	413	18500	1.60	KFF 77 KRF37	AD2
3.80	840	367	18900	1.80		
4.30	750	323	19100	2.00		
3.60	880	384	9670	0.95	KFA 67 KRF37	Y..71M:-4
4.10	785	338	10600	1.05	KFAF 67 KRF37	AM71
4.50	700	305	11200	1.15	KF 67 KRF37	AD2
5.40	590	257	11900	1.40	KFF 67 KRF37	AD2
6.00	520	231	12300	1.55		
5.40	580	255	9330	1.05		
6.90	455	201	10200	1.30		
7.60	410	181	10500	1.45	KFA 57 KRF37	Y..71M:-4
5.30	615	262	9070	0.95	KFAF 57 KRF37	AM71
6.10	525	226	9740	1.15	KF 57 KRF37	AD2
6.90	460	200	10200	1.30	KFF 57 KRF37	AD2
8.10	390	170	10600	1.50		
9.00	345	152	10900	1.70		
10.0	305	134	11100	1.95		
7.90	400	175	5860	1.00	KFA 47 KRF17	Y..71M:-4
9.40	340	147	6660	1.15	KFAF 47 KRF17	AM71
11.0	300	130	7050	1.35	KF 47 KRF17	AD2
					KFF 47 KRF17	AD2
3.30	1050	270.68	28900	2.80	KFA 87	Y..80M:-6
3.50	990	255.37	29000	3.00	KFAF 87	AM80
4.00	890	228.93	29200	3.40	KF 87	AD2
					KFF 87	AD2
4.00	880	225.79	18700	1.70	KFA 77	Y..80 M:-6
4.60	770	198.31	19100	1.95	KFAF 77	AM80
4.80	735	188.40	19200	2.00	KF 77	AD2
5.40	645	166.47	19400	2.30	KFF 77	AD2
6.40	555	142.27	19600	2.70		
4.90	720	281.71	19200	2.10	KFA 77	Y..71 M:-4
5.20	670	262.93	19300	2.20	KFAF 77	AM71
6.10	575	225.79	19500	2.60	KF 77	AD2
7.00	505	198.31	19700	3.00	KFF 77	AD2
4.60	760	195.39	10800	1.05	KFA 67	Y..80M:-6
5.30	665	170.85	11500	1.25	KFAF 67	AM80
5.60	630	162.31	11700	1.30	KF 67	AD2
6.40	555	142.40	12100	1.45	KFF 67	AD2
7.50	470	120.79	12500	1.75		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=0.37kw						
6.00	585	228.99	12000	1.40		
7.10	500	195.39	12400	1.65	KFA 67	Y..71M:-4
8.10	435	170.85	12700	1.85	KFAF 67	AM71
8.50	415	162.31	12800	1.95	KF 67	AD2
9.70	360	142.40	12900	2.20	KFF 67	AD2
11.0	305	120.79	13000	2.60		
5.80	610	157.09	9100	1.00	KFA 57	Y..80M:-6
6.60	530	136.16	9700	1.15	KFAF 57	AM80
7.10	495	127.27	9940	1.20	KF 57	AD2
8.20	425	110.01	10400	1.40	KFF 57	AD2
6.90	510	199.70	9850	1.15		
7.50	470	183.60	10100	1.30		
8.80	400	157.09	10600	1.50	KFA 57	Y..71M:-4
10.0	345	136.16	10900	1.70	KFAF 57	AM71
11.0	325	127.27	11000	1.85	KF 57	AD2
13.0	280	110.01	11200	2.10	KFF 57	AD2
15.0	235	93.47	11500	2.50		
17.0	210	83.46	11500	2.80		
9.20	380	150.06	6140	1.05		
11.0	330	130.07	6740	1.20	KFA 47	Y..71M:-4
13.0	265	105.09	7320	1.50	KFAF 47	AM71
15.0	225	89.29	7600	1.75	KF 47	AD1
17.0	200	79.72	7750	1.95	KFF 47	AD1
20.0	174	68.09	7900	2.30		
21.0	167	65.36	7930	2.40	KFA 47	Y..71M:-4
					KFAF 47	AM71
					KF 47	AD2
					KFF 47	AD2
16.0	220	86.53	3960	0.90		
17.0	205	80.65	4200	0.95		
20.0	180	70.50	4550	1.10	KFA 37	Y..71M:-4
21.0	169	66.09	4680	1.20	KFAF 37	AM71
24.0	149	58.32	4880	1.35	KF 37	AD1
25.0	140	54.54	4970	1.45	KFF 37	AD1
27.0	132	51.70	5030	1.50		
29.0	120	47.02	5120	1.65		
31.0	112	43.83	5180	1.80		
36.0	98	38.31	5270	2.00	KFA 37	Y..71M:-4
38.0	92	35.91	5300	2.20	KFAF 37	AM71
44.0	81	31.69	5300	2.50	KF 37	AD2
49.0	72	28.09	5140	2.80	KFF 37	AD2
58.0	61	23.88	4930	3.30		
24.0	145	56.62	4080	0.90		
28.0	128	50.19	4010	1.00	KFA 27	Y..71M:-4
30.0	120	46.78	3970	1.10	KFAF 27	AM71
34.0	105	40.89	3880	1.25	KF 27	AD1
36.0	98	38.33	3840	1.35	KFF 27	AD1
41.0	87	33.83	3750	1.50		
47.0	76	29.56	3650	1.70	KFA 27	Y..71M:-4
51.0	70	27.18	3580	1.85	KFAF 27	AM71
59.0	60	23.25	3460	2.20	KF 27	AD2
68.0	52	20.15	3340	2.50	KFF 27	AD2

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n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=0.37kw						
73.0	48	18.84	3290	2.70		
85.0	42	16.28	3170	3.10		
100	35	13.84	3040	3.70		
112	32	12.35	2950	4.10		
131	27	10.55	2820	4.80		
140	25	9.88	2770	5.10		
147	24	9.4	2710	5.40		
170	21	8.13	2600	5.90		
200	18	6.91	2490	6.40		
224	16	6.17	2410	6.90		
262	14	5.27	2300	7.40		
280	13	4.93	2250	7.60		
332	11	4.16	2140	8.20		
					KFA 27	Y..71M ₁ -4
					KFAF 27	AM71
					KF 27	AD2
					KFF 27	
P₁=0.55kw						
326	11	8.13	2150	11.0		
384	9.2	6.91	2050	12.0		
430	8.2	6.17	1980	13.0		
503	7	5.27	1890	14.0		
537	6.6	4.93	1850	15.0		
638	5.5	4.16	1750	16.0		
					KFA 27	Y..71M ₁ -2
					KFAF 27	AM71
					KF 27	AD2
					KFF 27	
P₁=0.55kw						
0.22	20100	6295	93100	0.90		
0.26	16800	5404	103500	1.05		
0.50	8660	2780	119000	2.10		
					KFA 157 KRF97	Y..80M ₁ -4
					KFAF 157 KRF97	AM80
					KF 157 KRF97	AD3
					KFF 157 KRF97	
0.57	7660	2427	120000	2.40		
					KFA 157 KRF97	Y..80M ₁ -4
					KFAF 157 KRF97	AM80
					KF 157 KRF97	AD5
					KFF 157 KRF97	
0.82	5440	1674	120000	3.30		
					KFA 157 KRF97	Y..80M ₁ -4
					KFAF 157 KRF97	AM80
					KF 157 KRF97	AD4
					KFF 157 KRF97	
1.10	4200	1308	120000	4.30		
1.20	3680	1169	120000	4.90		
					KFA 157 KRF97	Y..80M ₁ -4
					KFAF 157 KRF97	AM80
					KF 157 KRF97	AD5
					KFF 157 KRF97	
0.35	13200	3926	88100	0.90		
0.40	11500	3454	90000	1.05		
0.46	10100	3031	90000	1.20		
					KFA 127 KRF77	Y..80M ₁ -4
					KFAF 127 KRF77	AM80
					KF 127 KRF77	AD2
					KFF 127 KRF77	
0.58	8120	2369	48600	0.95		
0.67	7090	2068	51400	1.10		
0.76	6090	1826	53800	1.25		
0.86	5450	1597	55300	1.40		
0.98	4750	1401	56900	1.60		
1.10	4140	1243	58100	1.85		
1.30	3710	1087	59000	2.10		
1.40	3170	950	60100	2.40		
1.70	2750	834	60800	2.80		
					KFA 107 KRF77	Y..80M ₁ -4
					KFAF 107 KRF77	AM80
					KF 107 KRF77	AD3
					KFF 107 KRF77	

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=0.55kw						
2.20	2140	640	61900	3.60		
					KFA 107 KRF77	Y..80M ₁ -4
					KFAF 107 KRF77	AM80
					KF 107 KRF77	AD4
					KFF 107 KRF77	
1.00	4550	1327	29100	0.95		
1.20	4080	1171	30500	1.05		
1.40	3570	1022	31900	1.20		
					KFA 97 KRF57	Y..80M ₁ -4
					KFAF 97 KRF57	AM80
					KF 97 KRF57	AD2
					KFF 97 KRF57	
1.50	3050	898	33200	1.40		
1.80	2700	784	34000	1.60		
2.00	2340	690	34700	1.85		
2.30	2070	605	35300	2.10		
2.60	1790	529	35800	2.40		
3.00	1580	467	36100	2.70		
3.40	1360	406	36500	3.20		
3.80	1220	363	36700	3.50		
					KFA 97 KRF57	Y..80M ₁ -4
					KFAF 97 KRF57	AM80
					KF 97 KRF57	AD3
					KFF 97 KRF57	
1.60	3050	887	17400	1.00		
1.80	2670	780	24200	1.10		
2.00	2290	674	25500	1.30		
2.30	2080	609	26200	1.45		
2.70	1760	515	27100	1.70		
3.00	1550	452	27700	1.95		
4.00	1160	345	28600	2.60		
					KFA 87 KRF57	Y..80M ₁ -4
					KFAF 87 KRF57	AM80
					KF 87 KRF57	AD3
					KFF 87 KRF57	
2.90	1660	480	14500	0.90		
3.40	1420	413	16200	1.05		
3.80	1270	367	17100	1.20		
4.30	1120	323	17800	1.35		
					KFA 77 KRF37	Y..80M ₁ -4
					KFAF 77 KRF37	AM80
					KF 77 KRF37	AD2
					KFF 77 KRF37	
5.40	890	257	9610	0.90		
6.00	790	231	10500	1.05		
6.70	705	205	11200	1.15		
7.90	600	175	11900	1.35		
					KFA 67 KRF37	Y..80M ₁ -4
					KFAF 67 KRF37	AM80
					KF 67 KRF37	AD2
					KFF 67 KRF37	
3.40	1550	270.68	27700	1.95		
3.60	1460	255.37	27900	2.00		
4.00	1310	228.93	28300	2.30		
4.60	1130	197.20	28700	2.60		
5.10	1030	179.97	28900	2.90		
					KFA 87	Y..80M ₁ -6
					KFAF 87	AM80
					KF 87	AD2
					KFF 87	
4.00	1290	225.79	17000	1.15		
4.60	1130	198.31	17700	1.30		
4.90	1080	188.40	18000	1.40		
					KFA 77	Y..80M ₁ -6
					KFAF 77	AM80
					KF 77	AD2
					KFF 77	
5.50	950	166.47	18500	1.55		
6.40	810	142.27	18900	1.85		
7.00	745	130.42	19100	2.00		
					KFA 77	Y..80M ₁ -6
					KFAF 77	AM80
					KF 77	AD2
					KFF 77	
6.10	850	225.79	18800	1.75		
7.00	750	198.31	19100	2.00		
7.30	715	188.4	19200	2.10		
8.30	630	166.47	19400	2.40		
9.70	540	142.27	19600	2.80		
11.00	495	130.42	19700	3.00		
12.00	435	114.45	19800	3.40		
13.00	410	108.46	19800	3.60		
15.00	360	94.93	19900	4.20		
					KFA 77	Y..80M ₁ -4
					KFAF 77	AM80
					KF 77	AD2
					KFF 77	
7.10	740	195.39	10900	1.10		
8.10	650	170.85	11600	1.25		
8.50	615	162.31	11800	1.35		
9.70	540	142.4	12200	1.50		
11.0	455	120.79	12600	1.80		
13.0	415	109.04	12800	2.00		
					KFA 67	Y..80M ₁ -4
					KFAF 67	AM80
					KF 67	AD2
					KFF 67	

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=0.55kw						
14.0	365	95.94	12900	2.20	KFA 67	Y..80M ₁ -4
15.0	340	90.59	13000	2.40	KFAF 67	AM80
17.0	300	79.76	13000	2.70	KF 67	AD2
					KFF 67	
8.80	595	157.09	9220	1.00		
10.0	515	136.16	9800	1.15		
11.0	480	127.27	10000	1.25		
13.0	415	110.01	10500	1.45	KFA 57	Y..80M ₁ -4
15.0	355	93.47	10800	1.70	KFAF 57	AM80
17.0	315	83.46	11000	1.90	KF 57	AD2
19.0	275	72.98	11300	2.20	KFF 57	
20.0	255	68.22	11400	2.30		
23.0	220	58.97	11500	2.70		
13.0	395	105.09	5920	1.00	KFA 47	Y..80M ₁ -4
15.0	335	89.29	6670	1.20	KFAF 47	AM80
17.0	300	79.72	7030	1.30	KF 47	AD1
20.0	255	68.09	7390	1.55	KFF 47	
21.0	245	65.36	7470	1.60	KFA 47	Y..80M ₁ -4
24.0	215	56.49	7690	1.85	KFAF 47	AM80
29.0	183	48.00*	7860	2.20	KF 47	AD2
32.0	163	42.86	7950	2.40	KFF 47	
24.0	220	58.32	3950	0.90	KFA 37	Y..80M ₁ -4
25.0	205	54.54	4180	0.95	KFAF 37	AM80
27.0	197	51.70	4340	1.00	KF 37	AD1
					KFF 37	
29.0	179	47.02	4570	1.10		
31.0	167	43.83	4710	1.20		
36.0	146	38.31	4920	1.35	KFA 37	Y..80M ₁ -4
38.0	137	35.91	5000	1.45	KFAF 37	AM80
44.0	121	31.69	4980	1.65	KF 37	AD2
49.0	107	28.09	4860	1.85	KFF 37	
58.0	91	23.88	4680	2.20		
58.0	90	23.63	4670	2.20	KFA 37	Y..80M ₁ -4
67.0	78	20.57	4520	2.60	KFAF 37	AM80
72.0	73	19.27	4450	2.70	KF 37	AD2
81.0	65	17.03	4320	3.10	KFF 37	
96.0	54	14.33	4130	3.70		
36.0	144	77.21	3410	0.90	KFA 27	Y..71M ₁ -2
39.0	135	72.37	3390	0.95	KFAF 27	AM71
44.0	119	63.86	3350	1.10	KF 27	AD1
50.0	106	56.62	3290	1.25	KFF 27	
56.0	94	50.19	3230	1.40		
59.0	88	23.25	3200	1.45		
68.0	77	20.15	3120	1.70		
73.0	72	18.84	3080	1.80		
85.0	62	16.28	2990	2.10	KFA 27	Y..80M ₁ -4
100	53	13.84	2890	2.50	KFAF 27	AM80
112	47	12.35	2810	2.80	KF 27	AD2
131	40	10.55	2710	3.20	KFF 27	
140	38	9.88	2660	3.50		
147	36	9.40	2600	3.60		
170	31	8.13	2500	4.00		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=0.55kw						
200	26	6.91	2400	4.30	KFA 27	Y..80M ₁ -4
224	24	6.17	2330	4.60	KFAF 27	AM80
262	20	5.27	2230	5.00	KF 27	AD2
280	19	4.93	2190	5.10	KFF 27	
332	16	4.16	2090	5.50		
346	15	8.13	2070	8.10		
407	13	6.91	1970	8.80	KFA 27	Y..71M ₁ -2
456	12	6.17	1910	9.50	KFAF 27	AM71
533	9.8	5.27	1820	10.0	KF 27	AD2
570	9.2	4.93	1790	10.0	KFF 27	
676	7.8	4.16	1700	11.0		
P_i=0.75kw						
0.52	11700	2780	114600	1.55	KFA 157 KRF97	Y..80M ₁ -4
					KFAF 157 KRF97	AM80
					KF 157 KRF97	AD3
					KFF 157 KRF97	
0.86	7310	1674	120000	2.50	KFA 157 KRF97	Y..80M ₁ -4
					KFAF 157 KRF97	AM80
					KF 157 KRF97	AD4
					KFF 157 KRF97	
0.59	10300	2427	116800	1.75	KFA 157 KRF97	Y..80M ₁ -4
1.10	5640	1308	120000	3.20	KFAF 157 KRF97	AM80
1.20	4980	1169	120000	3.60	KF 157 KRF97	AD5
					KFF 157 KRF97	
0.47	13400	3031	87600	0.90	KFA 127 KRF77	Y..80M ₁ -4
					KFAF 127 KRF77	AM80
					KF 127 KRF77	AD2
					KFF 127 KRF77	
0.54	12100	2672	90000	1.00		
0.61	10600	2357	90000	1.15	KFA 127 KRF77	Y..80M ₁ -4
0.70	9150	2038	90000	1.30	KFAF 127 KRF77	AM80
0.80	7960	1784	90000	1.50	KF 127 KRF77	AD3
0.89	7150	1606	90000	1.70	KFF 127 KRF77	
0.79	8120	1826	48600	0.95		
0.90	7220	1597	51000	1.05		
1.00	6310	1401	53300	1.20	KFA 107 KRF77	Y..80M ₁ -4
1.20	5530	1243	55100	1.40	KFAF 107 KRF77	AM80
1.30	4920	1087	56500	1.55	KF 107 KRF77	AD3
1.50	4220	950	58000	1.80	KFF 107 KRF77	
1.70	3680	834	59100	2.10		
2.20	2860	640	60600	2.70	KFA 107 KRF77	Y..80M ₁ -4
3.30	1940	436	62300	3.90	KFAF 107 KRF77	AM80
					KF 107 KRF77	AD4
					KFF 107 KRF77	
1.40	4710	1022	26300	0.90	KFA 97 KRF57	Y..80M ₁ -4
					KFAF 97 KRF57	AM80
					KF 97 KRF57	AD2
					KFF 97 KRF57	

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n_1 [1/min]	M_2 [Nm]	i	F_r [N]	K	Frame size	Input Configuration
$P_1=0.75kw$						
1.60	4050	898	30600	1.05		
1.80	3580	784	31900	1.20		
2.10	3110	690	33000	1.40	KFA 97	Y..80M ₁ -4
2.40	2740	605	33900	1.55	KFAF 97	AM80
2.70	2380	529	34600	1.80	KF 97	AD3
3.10	2100	467	35200	2.00	KFF 97	
3.50	1810	406	35700	2.40		
4.00	1620	363	36100	2.60		
2.10	3040	674	18000	1.00	KFA 87	Y..80M ₁ -4
2.40	2760	609	23800	1.10	KFAF 87	AM80
2.80	2330	515	25400	1.30	KF 87	AD3
3.20	2050	452	26300	1.45	KFF 87	
4.20	1540	345	27700	1.95		
3.90	1680	367	14400	0.90	KFA 77	Y..80M ₁ -4
4.40	1480	323	15800	1.00	KFAF 77	AM80
5.10	1280	280	17000	1.15	KF 77	AD2
					KFF 77	
3.40	2100	276.77	35200	2.00	KFA 97	Y..90S-6
3.70	1930	253.41	35500	2.20	KFAF 97	AM90
4.20	1700	223.88	35900	2.50	KF 97	AD3
					KFF 97	
3.50	2060	270.68	26200	1.45		
3.70	1940	255.37	26600	1.55	KFA 87	Y..90S-6
4.10	1740	228.93	27200	1.70	KFAF 87	AM90
4.80	1500	197.20	27800	2.00	KF 87	AD2
5.20	1370	179.97	28100	2.20	KFF 87	
5.90	1210	159.61	28500	2.50		
5.30	1350	270.68	28200	2.20	KFA 87	Y..80M ₁ -4
5.60	1270	255.37	28400	2.40	KFAF 87	AM80
6.30	1140	228.93	28700	2.60	KF 87	AD2
					KFF 87	
4.70	1510	198.31	15700	1.00	KFA 77	Y..90S-6
5.00	1430	188.40	16100	1.05	KFAF 77	AM90
5.60	1260	166.47	17100	1.20	KF 77	AD2
6.60	1080	142.27	18000	1.40	KFF 77	
7.20	990	130.42	18300	1.50		
6.40	1120	225.79	17800	1.35		
7.20	980	198.31	18300	1.50		
7.60	940	188.40	18500	1.60	KFA 77	Y..80M ₁ -4
8.60	830	166.47	18900	1.80	KFAF 77	AM80
10.0	710	142.27	19200	2.10	KF 77	AD2
11.0	650	130.42	19400	2.30	KFF 77	
13.0	570	114.45	19600	2.60		
13.0	540	108.46	19600	2.80		
8.40	850	170.85	10000	0.95		
8.80	810	162.31	10400	1.00	KFA 67	Y..80M ₁ -4
10.0	710	142.40	11200	1.15	KFAF 67	AM80
12.0	600	120.79	11900	1.35	KF 67	AD2
13.0	540	109.04	12200	1.50	KFF 67	
15.0	475	95.94	12500	1.70		
16.0	450	90.59	12600	1.80		
18.0	395	79.76	12800	2.10		
$P_1=0.75kw$						
21.0	335	67.65	13000	2.40	KFA 67	Y..80M ₁ -4
24.0	300	61.07	13000	2.70	KFAF 67	AM80
					KF 67	AD2
					KFF 67	
11.0	635	127.27	7770	0.95		
13.0	545	110.01	9580	1.10		
15.0	465	93.47	10100	1.30	KFA 57	Y..80M ₁ -4
17.0	415	83.46	10500	1.45	KFAF 57	AM80
20.0	360	72.98	10800	1.65	KF 57	AD2
21.0	340	68.22	10900	1.75	KFF 57	
24.0	290	58.97	11200	2.00		
29.0	250	50.10	11400	2.40		
32.0	220	44.73	11300	2.70		
18.0	395	79.72	5950	1.00	KFA 47	Y..80M ₁ -4
21.0	335	68.09	6670	1.20	KFAF 47	AM80
					KF 47	AD1
					KFF 47	
22.0	325	65.36	6810	1.25		
25.0	280	56.49	7220	1.40		
30.0	235	48.00	7530	1.65	KFA 47	Y..80M ₁ -4
33.0	210	42.86	7690	1.85	KFAF 47	AM80
39.0	183	36.61	7860	2.20	KF 47	AD2
42.0	171	34.29	7780	2.30	KFF 47	
50.0	144	28.88	7460	2.80		
31.0	230	47.02	3720	0.85		
33.0	215	43.83	4000	0.90		
37.0	191	38.31	4420	1.05		
40.0	179	35.91	4570	1.10		
45.0	158	31.69	4590	1.25	KFA 37	Y..80M ₁ -4
51.0	140	28.09	4510	1.45	KFAF 37	AM80
61.0	118	23.63	4370	1.70	KF 37	AD2
70.0	103	20.57	4260	1.95	KFF 37	
74.0	96	19.27	4200	2.10		
84.0	85	17.03	4090	2.40		
100	72	14.33	3930	2.80		
112	64	12.87	3840	3.10		
62.0	116	23.25	2910	1.10		
71.0	101	20.15	2860	1.30		
76.0	94	18.84	2840	1.40	KFA 27	Y..80M ₁ -4
88.0	81	16.28	2770	1.60	KFAF 27	AM80
104	69	13.84	2700	1.90	KF 27	AD2
116	62	12.35	2640	2.10	KFF 27	
136	53	10.55	2560	2.50		
145	49	9.88	2520	2.60		
153	47	9.40	2450	2.80		
177	41	8.13	2370	3.00		
208	34	6.91	2290	3.30	KFA 27	Y..80M ₁ -4
233	31	6.17	2230	3.50	KFAF 27	AM80
272	26	5.27	2140	3.80	KF 27	AD2
291	25	4.93	2100	3.90	KFF 27	
345	21	4.16	2010	4.20		

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n ₁ [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=0.75kw						
356	20	8.13	2000	6.10	KFA 27 KFAF 27 KF 27 KFF 27	Y..80M1-2 AM80 AD2
418	17	6.91	1910	6.70		
469	15	6.17	1850	7.10		
549	13	5.27	1770	7.60		
586	12	4.93	1740	7.90		
695	10	4.16	1650	8.40		
P₁=1.10kw						
0.51	17900	2780	100500	1.00	KFA 157 KRF97 KFAF 157 KRF97 KF 157 KRF97 KFF 157 KRF97	Y..90S-4 AM90 AD3
0.58	15800	2427	106100	1.15	KFA 157 KRF97 KFAF 157 KRF97 KF 157 KRF97 KFF 157 KRF97	Y..90S-4 AM90 AD5
0.65	14100	2185	110000	1.25		
0.73	12500	1944	113100	1.45		
0.85	11100	1674	115600	1.60		
1.10	8610	1308	119100	2.10		
1.20	7630	1169	120000	2.40		
1.50	6100	953	120000	3.00		
1.70	5330	845	120000	3.40		
3.20	2810	446	120000	6.40		
4.70	1900	302	120000	9.40		
0.70	13700	2038	87000	0.85	KFA 127 KRF77 KFAF 127 KRF77 KF 127 KRF77 KFF 127 KRF77	Y..90S-4 AM90 AD3
0.80	12000	1784	90000	1.00		
0.88	10700	1606	90000	1.10		
1.00	9330	1390	90000	1.30		
1.20	8150	1220	90000	1.45		
1.30	7250	1077	90000	1.65		
1.10	8350	1243	48000	0.90		
1.30	7380	1087	50600	1.05		
1.50	6380	950	53100	1.20		
1.70	5570	834	55000	1.40		
1.90	4890	736	56500	1.55		
2.20	4310	6405	7800	1.80	KFA 107 KRF77 KFAF 107 KRF77 KF 107 KRF77 KFF 107 KRF77	Y..90S-4 AM90 AD4
2.10	4670	690	27400	0.90	KFA 97 KRF57 KFAF 97 KRF57 KF 97 KRF57 KFF 97 KRF57	Y..90S-4 AM90 AD3
2.40	4110	605	30400	1.05		
2.70	3580	529	31900	1.20		
3.00	3160	467	32900	1.35		
3.50	2730	406	33900	1.55		
3.90	2450	363	34500	1.75		
3.10	3080	452	16400	0.95	KFA 87 KRF57 KFAF 87 KRF57 KF 87 KRF57 KFF 87 KRF57	Y..90S-4 AM90 AD3
4.10	2320	345	25400	1.30		
4.70	2010	300	26400	1.50		
5.70	1670	249	27400	1.80		
3.40	3090	276.77	33100	1.40		
3.70	2830	253.41	33700	1.50		
4.20	2500	223.88	34400	1.70		
5.00	2120	189.92	35200	2.00		
5.40	1950	174.87	35500	2.20		

n ₁ [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=1.10kw						
5.10	2040	276.77	35300	2.10	KFA 97 KFAF 97 KF 97 KFF 97	Y..90S-4 AM90 AD3
5.60	1870	253.41	35600	2.30		
6.30	1650	223.88	36000	2.60		
4.10	2550	228.93	24600	1.15		
4.80	2200	197.20	25800	1.35		
5.20	2010	179.97	26400	1.50		
5.90	1780	159.61	27100	1.70		
5.20	2000	270.68	26400	1.50	KFA 87 KFAF 87 KF 87 KFF 87	Y..90S-4 AM90 AD2
5.60	1880	255.37	26800	1.60		
6.20	1690	228.93	27300	1.75		
7.20	1450	197.20	27900	2.10		
7.90	1330	179.97	28200	2.20	KFA 87 KFAF 87 KF 87 KFF 87	Y..90S-4 AM90 AD2
8.90	1180	159.61	28600	2.50		
11.0	990	134.16	29000	3.00		
12.0	910	123.29	29200	3.30		
7.20	1460	198.31	15900	1.00		
7.50	1390	188.4	16400	1.10		
8.50	1230	166.47	17300	1.20		
10.0	1050	142.27	18100	1.45		
11.0	960	130.42	18400	1.55		
12.0	840	114.45	18800	1.75		
13.0	800	108.46*	19000	1.85		
15.0	700	94.93	19300	2.10		
17.0	630	85.52	19400	2.40		
19.0	555	75.02	19600	2.70		
12.0	890	120.79	9600	0.90	KFA 67 KFAF 67 KF 67 KFF 67	Y..90S-4 AM90 AD2
13.0	800	109.04	10400	1.00		
15.0	705	95.94	11200	1.15		
16.0	670	90.59	11500	1.20		
18.0	590	79.76	12000	1.40		
21.0	500	67.65	12400	1.65		
23.0	450	61.07	12600	1.80		
26.0	395	53.73	12800	2.10		
28.0	375	50.74	12900	2.20		
33.0	315	43.20	13000	2.60		
36.0	290	39.26	13000	2.70		
42.0	250	34.01	13000	2.90		
17.0	615	83.46	9070	0.95		
19.0	535	72.98	9640	1.10		
21.0	500	68.22	9890	1.20		
24.0	435	58.97	10300	1.40		
28.0	370	50.10	10700	1.60		
32.0	330	44.73	10700	1.80		
37.0	280	38.21	10300	2.10		
40.0	260	35.79	10200	2.30		
47.0	220	30.15	9780	2.60		
25.0	415	56.49	4570	0.95	KFA 47 KFAF 47 KF 47 KFF 47	Y..90S-4 AM90 AD2
30.0	355	48.00*	6500	1.15		
33.0	315	42.86	6900	1.25		
39.0	270	36.61	7300	1.50		
41.0	250	34.29	7240	1.60		
49.0	210	28.88	7020	1.85		

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n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration		
P₁=1.10kw								
46.0	225	30.86	7110	1.75	KFA 47	Y..90S-4 AM90 AD2		
48.0	215	29.32	7040	1.85	KFAF 47			
55.0	190	25.72	6860	2.10	KF 47			
65.0	161	21.82	6620	2.50	KFF 47			
72.0	146	19.70	6470	2.80	KFA 37 KFAF 37 KF 37 KFF 37	Y..90S-4 AM90 AD2		
45.0	230	31.69	3720	0.85				
51.0	205	28.09	3970	0.95				
59.0	177	23.88	3930	1.15				
69.0	152	20.57	3870	1.30				
74.0	143	19.27	3840	1.40				
83.0	126	17.03	3770	1.60				
99.0	106	14.33	3670	1.90				
110	95	12.87	3600	2.10				
128	82	11.08	3490	2.30				
136	77	10.42	3450	2.40				
158	66	8.97	3340	2.60				
70.0	149	20.15	2440	0.85	KFA 27 KFAF 27 KF 27 KFF 27	Y..90S-4 AM90 AD2		
75.0	139	18.84	2440	0.95				
87.0	120	16.28	2440	1.10				
103	102	13.84	2410	1.25				
115	91	12.35	2390	1.40				
135	78	10.55	2340	1.65				
144	73	9.88	2320	1.80				
151	70	9.40	2240	1.85				
175	60	8.13	2190	2.00				
206	51	6.91	2130	2.20				
230	46	6.17	2090	2.40				
270	39	5.27	2020	2.60				
288	36	4.93	2000	2.60				
342	31	4.16	1920	2.80				
353	30	8.13	1910	4.10			KFA 27 KFAF 27 KF 27 KFF 27	Y..80M-2 AM80 AD2
416	25	6.91	1840	4.50				
465	23	6.17	1780	4.80				
545	19	5.27	1720	5.20				
582	18	4.93	1680	5.30				
691	15	4.16	1610	5.70				
P₁=1.50kw								
0.85	15200	1674	107600	1.20	KFA 157 KRF97 KFAF 157 KRF97 KF 157 KRF97 KFF 157 KRF97	Y..90L-4 AM90 AD4		
0.59	21800	2427	86800	0.80	KFA 157 KRF97 KFAF 157 KRF97 KF 157 KRF97 KFF 157 KRF97	Y..90L-4 AM90 AD5		
0.65	19500	2185	95400	0.90				
0.74	17300	1944	102100	1.05				
1.10	11800	1308	114400	1.50				
1.20	10500	1169	116500	1.70				
1.50	8450	953	119300	2.10				
1.70	7410	845	120000	2.40				
3.20	3910	446	120000	4.60				
4.70	2650	302	120000	6.80				

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=1.50kw						
0.89	14700	1606	85100	0.80	KFA 127 KRF77 KFAF 127 KRF77 KF 127 KRF77 KFF 127 KRF77	Y..90L-4 AM90 AD3
1.00	12700	1390	89000	0.95		
1.20	11100	1220	90000	1.05		
1.30	9910	1077	90000	1.20		
1.50	8500	930	90000	1.40		
1.70	7480	820	90000	1.60		
2.00	6610	727	90000	1.80		
2.20	5960	648	90000	2.00	KFA 127 KRF77 KFAF 127 KRF77 KF 127 KRF77 KFF 127 KRF77	Y..90L-4 AM90 AD4
1.50	8720	950	46900	0.90	KFA 107 KRF77 KFAF 107 KRF77 KF 107 KRF77 KFF 107 KRF77	Y..90L-4 AM90 AD3
1.70	7630	834	49900	1.00		
1.90	6710	736	52300	1.15		
2.20	5890	640	54300	1.30		
2.60	5090	560	56100	1.50		
2.90	4440	489	57500	1.75		
3.30	4010	436	58400	1.90	KFA 107 KRF77 KFAF 107 KRF77 KF 107 KRF77 KFF 107 KRF77	Y..90L-4 AM90 AD4
3.90	3400	370	59600	2.30		
2.70	4880	529	19300	0.90	KFA 97 KRF57 KFAF 97 KRF57 KF 97 KRF57 KFF 97 KRF57	Y..90L-4 AM90 AD3
3.10	4320	467	29800	1.00		
3.50	3730	406	31500	1.15		
3.90	3340	363	32500	1.30		
4.80	2760	300	23900	1.10	KFA 87 KRF57 KFAF 87 KRF57 KF 87 KRF57 KFF 87 KRF57	Y..90L-4 AM90 AD3
5.70	2290	249	25500	1.30		
3.70	3870	254.40	58700	2.00	KFA 107 KFAF 107 KF 107 KFF 107	Y..100L-6 AM100 AD3
4.40	3280	215.37	59800	2.30		
4.70	3030	199.31	60300	2.50		
5.30	2720	178.64	60900	2.80		
3.40	4210	276.77	30100	1.00	KFA 97 KFAF 97 KF 97 KFF 97	Y..100L-6 AM100 AD3
3.70	3860	253.41	31100	1.10		
4.20	3410	223.88	32300	1.25		
5.00	2890	189.92	33600	1.50		
5.40	2660	174.87	34100	1.60		
5.20	2770	276.77	33800	1.55	KFA 97 KFAF 97 KF 97 KFF 97	Y..90L-4 AM90 AD3
5.60	2530	253.41	34300	1.70		
6.40	2240	223.88	34900	1.90		
7.50	1900	189.92	35600	2.30		
8.20	1750	174.87	35800	2.40		
5.30	2710	270.68	24000	1.10		
5.60	2550	255.37	24600	1.15		
6.20	2290	228.93	25500	1.30		
7.20	1970	197.20	26500	1.50		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=1.50kw						
8.00	1800	179.97	27000	1.65	KFA 87	Y..90L-4
9.00	1590	159.61	27600	1.90	KFAF 87	AM90
11.00	1340	134.16	28200	2.20	KF 87	AD2
13.00	1090	109.49	28800	2.70	KFF 87	
15.00	980	97.89	29000	3.10		
P_i=1.50kw						
8.60	1660	166.47	14500	0.90		
10.0	1420	142.27	16200	1.05		
11.0	1300	130.42	16900	1.15	KFA 77	Y..90L-4
12.0	1140	114.45	17700	1.30	KFAF 77	AM90
13.0	1080	108.46	18000	1.40	KF 77	AD2
15.0	950	94.93	18500	1.60	KFF 77	
17.0	850	85.52	18800	1.75		
19.0	750	75.02	19100	2.00		
P_i=1.50kw						
20.0	725	72.50	19200	2.10	KFA 77	Y..90L-4
22.0	665	66.46	19300	2.20	KFAF 77	AM90
25.0	580	58.32	19500	2.60	KF 77	AD2
26.0	550	55.27	19600	2.70	KFF 77	
30.0	480	48.37	19700	3.10		
P_i=1.50kw						
33.0	435	43.58	19800	3.40	KFA 77	Y..90L-4
37.0	380	38.23	19900	3.90	KFAF 77	AM90
39.0	365	36.58	19900	3.00	KF 77	AD3
45.0	315	31.51	20000	4.40	KFF 77	
P_i=1.50kw						
16.0	900	90.59	9450	0.90		
18.0	795	79.76	10500	1.05		
21.0	675	67.65	11400	1.20	KFA 67	Y..90L-4
23.0	610	61.07	11800	1.35	KFAF 67	AM90
27.0	535	53.73	12200	1.50	KF 67	AD2
28.0	505	50.74	12400	1.60	KFF 67	
33.0	430	43.20	12700	1.90		
36.0	390	39.26	12800	2.00		
39.0	360	36.30	12900	2.30		
P_i=1.50kw						
45.0	320	32.08	13000	2.60	KFA 67	Y..90L-4
52.0	270	27.41	13000	3.00	KFAF 67	AM90
57.0	250	25.13	13000	3.30	KF 67	AD3
KFF 67						
P_i=1.50kw						
24.0	590	58.97	9270	1.00		
29.0	500	50.10	9910	1.20	KFA 57	Y..90L-4
32.0	445	44.73	9970	1.35	KFAF 57	AM90
37.0	380	38.21	9710	1.55	KF 57	AD2
40.0	355	35.79	9600	1.65	KFF 57	
47.0	300	30.15	9280	1.95		
P_i=1.50kw						
39.0	365	36.61	6360	1.10	KFA 47	Y..90L-4
42.0	340	34.29	6610	1.15	KFAF 47	AM90
50.0	285	28.88	6480	1.40	KF 47	AD2
46.0	305	30.86	6540	1.30	KFF 47	
P_i=1.50kw						
49.0	290	29.32	6500	1.35		
56.0	255	25.72	6380	1.55	KFA 47	Y..90L-4
66.0	215	21.82	6210	1.85	KFAF 47	AM90
73.0	197	19.70	6100	2.00	KF 47	AD2
83.0	174	17.33	5950	2.30	KFF 47	
87.0	164	16.36	5880	2.40		
103	140	13.93	5680	2.90		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=1.50kw						
70.0	205	20.57	3410	0.95		
74.0	193	19.27	3410	1.05		
84.0	170	17.03	3390	1.15	KFA 37	Y..90L-4
100	144	14.33	3350	1.40	KFAF 37	AM90
111	129	12.87	3310	1.55	KF 37	AD2
129	111	11.08	3240	1.70	KFF 37	
137	104	10.42	3210	1.75		
159	90	8.97	3130	1.95		
178	80	8.01	3070	2.10		
P_i=1.50kw						
103	139	13.84	2080	0.95		
116	124	12.35	2090	1.05		
136	106	10.55	2090	1.25		
145	99	9.88	2080	1.30	KFA 27	Y..90L-4
152	94	9.40	1990	1.40	KFAF 27	AM90
176	81	8.13	1970	1.50	KF 27	AD2
207	69	6.91	1950	1.65	KFF 27	
232	62	6.17	1920	1.75		
271	53	5.27	1880	1.90		
290	49	4.93	1860	1.95		
344	42	4.16	1810	2.10		
P_i=1.50kw						
348	41	8.13	1810	3.00		
410	35	6.91	1750	3.30	KFA 27	Y..90S-2
459	31	6.17	1710	3.50	KFAF 27	AM90
537	27	5.27	1650	3.80	KF 27	AD2
574	25	4.93	1630	3.80	KFF 27	
681	21	4.16	1560	4.10		
P_i=2.20kw						
0.99	18500	1441	98700	0.95	KFA 157 KRF97	Y..100L _i -4
					KFAF 157 KRF97	AM100
					KF 157 KRF97	AD4
					KFF 157 KRF97	
P_i=2.20kw						
1.10	17600	1308	101300	1.00		
1.20	15700	1169	106400	1.15		
1.50	12600	953	112900	1.40		
1.70	11100	845	115500	1.60		
1.90	10000	764	117200	1.80	KFA 157 KRF97	Y..100L _i -4
2.10	8930	680	118700	2.00	KFAF 157 KRF97	AM100
2.50	7490	576	120000	2.40	KF 157 KRF97	AD5
3.20	5900	446	120000	3.00	KFF 157 KRF97	
4.70	3990	302	120000	4.50		
5.20	3590	273	120000	5.00		
6.20	3010	232	120000	6.00		
7.30	2550	197	120000	7.00		
P_i=2.20kw						
1.30	14700	1077	85200	0.80	KFA 127 KRF77	Y..100L _i -4
1.50	12600	930	89200	0.95	KFAF 127 KRF77	AM100
1.70	11100	820	90000	1.10	KF 127 KRF77	AD3
2.00	9840	727	90000	1.20	KFF 127 KRF77	
P_i=2.20kw						
2.20	8840	648	90000	1.35	KFA 127 KRF77	Y..100L _i -4
2.60	7490	549	90000	1.60	KFAF 127 KRF77	AM100
2.90	6740	495	90000	1.80	KF 127 KRF77	AD4
3.30	5830	428	90000	2.10	KFF 127 KRF77	

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n _i		M _i	Fr	K	Frame size	Input Configuration											
[1/min]	[Nm]		[N]				n _i	M _i	Fr	K	Frame size	Input Configuration					
P _i =2.20kw							P _i =2.20kw										
2.50	7590	560	50000	1.00	KFA 107	KRF77	24.0	850	58.32	18800	1.75	KFA 77	Y..100L _i -4				
2.90	6620	489	52500	1.15	KFAF 107	KRF77	26.0	810	55.27	18900	1.85	KFAF 77	AM100				
					KF 107	KRF77	29.0	710	48.37	19200	2.10	KF 77	AD3				
					KFF 107	KRF77						KFF 77					
2.20	8730	640	46900	0.90	KFA 107	KRF77	33.0	640	43.58	19400	2.30	KFA 77	Y..100L _i -4				
3.30	5950	436	54100	1.30	KFAF 107	KRF77	39.0	535	36.58	19600	2.10	KFAF 77	AM100				
3.80	5040	370	56200	1.50	KF 107	KRF77	45.0	460	31.51	19800	3.00	KF 77	AD3				
4.30	4540	333	57300	1.70	KFF 107	KRF77	50.0	420	28.75	19800	3.40	KFF 77					
5.00	3900	285	31000	1.10	KFA 97	KRF57						KFA 77	Y..100L _i -4				
5.80	3350	245	32500	1.30	KFAF 97	KRF57	56.0	375	25.50	19900	4.00	KFAF 77	AM100				
					KF 97	KRF57						KF 77	AD3				
					KFF 97	KRF57						KFF 77	AD4				
3.80	5590	254.40	55000	1.35	KFA 107		23.0	900	61.07	9520	0.90						
4.40	4730	215.37	56900	1.60	KFAF 107		27.0	790	53.73	10600	1.05	KFA 67	Y..100L _i -4				
4.80	4380	199.31	57600	1.75	KF 107		28.0	745	50.74	10900	1.10	KFAF 67	AM100				
5.40	3920	178.64	58600	1.95	KFF 107		33.0	635	43.20	11700	1.30	KF 67	AD2				
							36.0	575	39.26	12000	1.35	KFF 67					
							42.0	500	34.01	12400	1.50						
5.60	3750	254.40	58900	2.00	KFA 107		44.0	470	32.08	12500	1.75						
6.60	3170	215.37	60100	2.40	KFAF 107		52.0	400	27.41	12800	2.00	KFA 67	Y..100L _i -4				
7.20	2930	199.31	60500	2.60	KF 107		57.0	370	25.13	12900	2.20	KFAF 67	AM100				
8.00	2630	178.64	61100	2.90	KFF 107		65.0	325	22.05	13000	2.50	KF 67	AD3				
4.30	4920	223.88	17400	0.85	KFA 97		68.0	305	20.90*	13000	2.70	KFF 67					
5.00	4170	189.92	30300	1.05	KFAF 97		78.0	265	18.29	13000	3.00						
5.50	3840	174.87	31200	1.10	KF 97												
6.10	3430	156.30	32300	1.25	KFF 97												
5.20	4080	276.77	30500	1.05			32.0	655	44.73	5420	0.90	KFA 57	Y..100L _i -4				
5.60	3730	253.41	31500	1.15	KFA 97		37.0	560	38.21	8660	1.05	KFAF 57	AM100				
6.40	3300	223.88	32600	1.30	KFAF 97		40.0	525	35.79	8610	1.15	KF 57	AD2				
7.50	2790	189.92	33800	1.55	KF 97		47.0	440	30.15	8450	1.35	KFF 57					
8.20	2570	174.87	34200	1.65	KFF 97		57.0	365	24.96	8230	1.55						
9.10	2300	156.30	34800	1.85			67.0	310	21.17	8000	1.90	KFA 57	Y..100L _i -4				
10.0	2070	140.71	35300	2.10			75.0	280	19.11	7850	2.10	KFAF 57	AM100				
11.0	1870	127.42	35600	2.30			85.0	245	16.81	7650	2.40	KF 57	AD3				
							90.0	230	15.88	7560	2.60	KFF 57					
7.20	2900	197.20	23000	1.05			55.0	375	25.72	5560	1.05						
7.90	2650	179.97	24300	1.15			65.0	320	21.82	5520	1.25						
8.90	2350	159.61	25300	1.25			72.0	290	19.70	5470	1.40						
11.0	1970	134.16	26500	1.50	KFA 87		82.0	255	17.33	5400	1.55	KFA 47	Y..100L _i -4				
12.0	1810	123.29	27000	1.65	KFAF 87		87.0	240	16.36	5360	1.65	KFAF 47	AM100				
13.0	1610	109.49	27500	1.85	KF 87		102	205	13.93	5240	1.95	KF 47	AD2				
15.0	1440	97.89	28000	2.10	KFF 87		113	187	12.66	5160	2.10	KFF 47					
16.0	1290	88.01	28300	2.30			130	162	10.97	5030	2.50						
19.0	1120	76.39	27800	2.70			159	132	8.96	4730	2.50						
21.0	1000	68.40	27100	3.00	KFA 87		99.0	210	14.33	2800	0.95						
25.0	830	56.75	25900	3.60	KFAF 87		111	190	12.87	2810	1.05						
28.0	740	50.36	25100	4.00	KF 87		129	163	11.08	2820	1.15						
31.0	665	45.28	24400	4.20	KFF 87		137	154	10.42	2810	1.20						
12.0	1680	114.45	14300	0.90			159	132	8.97	2790	1.30	KFA 37	Y..100L _i -4				
13.0	1590	108.46	15000	0.95	KFA 77		178	118	8.01	2760	1.45	KFAF 37	AM100				
15.0	1390	94.93	16400	1.05	KFAF 77		211	99	6.74	2620	1.40	KF 37	AD2				
17.0	1260	85.52	17100	1.20	KF 77		236	89	6.05	2590	1.50						
19.0	1100	75.02	17900	1.35	KFF 77		273	77	5.21	2540	1.65						
21.0	970	66.46	18400	1.55			291	72	4.90	2510	1.65						

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n _i [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=2.20kw						
338	62	4.22	2450	1.75	KFA 37	Y..100L _i -4
378	56	3.77	2400	1.90	KFAF 37	AM100
					KF 37	AD2
					KFF 37	
177	119	16.28	1720	1.10		
208	101	13.84	1730	1.30		
233	90	12.35	1730	1.45		
273	77	10.55	1720	1.70		
291	72	9.88	1710	1.80	KFA 27	Y..100L _i -4
354	59	8.13	1610	2.10	KFAF 27	AM100
417	50	6.91	1590	2.30	KF 27	AD2
467	45	6.17	1560	2.40	KFF 27	
547	38	5.27	1520	2.60		
584	36	4.93	1510	2.70		
693	30	4.16	1460	2.90		
P_i=3.00kw						
1.20	21100	1169	89500	0.85		
1.50	17100	953	102800	1.05		
1.70	15100	845	107900	1.20		
1.90	13500	764	111100	1.30		
2.10	12000	680	114000	1.50	KFA 157 KRF97	Y..100L _i -4
2.50	10100	576	117000	1.75	KFAF 157 KRF97	AM100
3.30	7980	446	119800	2.20	KF 157 KRF97	AD5
4.80	5400	302	120000	3.30	KFF 157 KRF97	
5.30	4860	273	120000	3.70		
6.30	4080	232	120000	4.40		
7.40	3460	197	120000	5.20		
2.00	13200	727	88100	0.90	KFA 127 KRF77	Y..100L _i -4
					KFAF 127 KRF77	AM100
					KF 127 KRF77	AD3
					KFF 127 KRF77	
2.20	11800	648	90000	1.00	KFA 127 KRF77	Y..100L _i -4
2.60	10000	549	90000	1.20	KFAF 127 KRF77	AM100
2.90	9040	495	90000	1.35	KF 127 KRF77	AD4
					KFF 127 KRF77	
3.30	7970	436	49000	0.95	KFA 107 KRF77	Y..100L _i -4
3.90	6760	370	52200	1.15	KFAF 107 KRF77	AM100
4.40	6090	333	53800	1.25	KF 107 KRF77	AD4
5.00	5320	291	55600	1.45	KFF 107 KRF77	
3.80	7630	254.40*	49900	1.00	KFA 107	Y..132S-6
4.40	6460	215.37	52900	1.20	KFAF 107	AM132
4.80	5970	199.31	54100	1.30	KF 107	AD3
5.40	5350	178.64	55500	1.45	KFF 107	
5.70	5000	254.40*	56300	1.55		
6.80	4240	215.37	57900	1.80	KFA 107	Y..100L _i -4
7.30	3920	199.31	58600	1.95	KFAF 107	AM100
8.10	3510	178.64	59400	2.20	KF 107	AD3
9.00	3170	161.28*	60100	2.40	KFF 107	
6.50	4400	223.88	29600	1.00	KFA 97	Y..100L _i -4
7.70	3730	189.92	31500	1.15	KFAF 97	AM100
8.30	3440	174.87	32200	1.25	KF 97	AD3
					KFF 97	

n _i [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=3.00kw						
9.30	3070	156.30	33100	1.40		
10.0	2770	140.71	33800	1.55	KFA 97	Y..100L _i -4
11.0	2500	127.42	34400	1.70	KFAF 97	AM100
13.0	2220	112.99	35000	1.95	KF 97	AD3
14.0	2010	102.16	35400	2.10	KFF 97	
16.0	1760	89.85	35800	2.40		
11.0	2640	134.16	24300	1.15		
12.0	2420	123.29	25100	1.25	KFA 87	Y..100L _i -4
13.0	2150	109.49	26000	1.40	KFAF 87	AM100
15.0	1920	97.89	26700	1.55	KF 87	AD2
17.0	1730	88.01	26700	1.75	KFF 87	
19.0	1500	76.39	26100	2.00		
21.0	1340	68.40	25500	2.20	KFA 87	Y..100L _i -4
26.0	1110	56.75	24600	2.70	KFAF 87	AM100
29.0	990	50.36	23900	3.00	KF 87	AD3
					KFF 87	
17.0	1680	85.52	14400	0.90		
19.0	1470	75.02	15900	1.00	KFA 77	Y..100L _i -4
22.0	1300	66.46	16900	1.15	KFAF 77	AM100
25.0	1140	58.32	17700	1.30	KF 77	AD2
26.0	1080	55.27	18000	1.40	KFF 77	
30.0	950	48.37	18500	1.55		
33.0	850	43.58	18800	1.75		
38.0	750	38.23	19100	2.00	KFA 77	Y..100L _i -4
40.0	720	36.58	19200	1.55	KFAF 77	AM100
46.0	620	31.51	19500	2.20	KF 77	AD3
51.0	565	28.75	19600	2.50	KFF 77	
57.0	500	25.50*	19700	3.00	KFA 77	Y..100L _i -4
68.0	420	21.43	19800	3.60	KFAF 77	AM100
					KF 77	AD4
					KFF 77	
34.0	850	43.20	10000	0.95	KFA 67	Y..100L _i -4
37.0	770	39.26	10700	1.00	KFAF 67	AM100
43.0	665	34.01	11500	1.10	KF 67	AD2
					KFF 67	
45.0	630	32.08	11700	1.30		
53.0	535	27.41	12200	1.50		
58.0	490	25.13	12400	1.65	KFA 67	Y..100L _i -4
66.0	430	22.05	12700	1.90	KFAF 67	AM100
70.0	410	20.90*	12800	2.00	KF 67	AD3
80.0	360	18.29	12900	2.30	KFF 67	
88.0	320	16.48	13000	2.50		
101	280	14.46	13000	2.90		
58.0	490	24.96	7420	1.15	KFA 57	Y..100L _i -4
					KFAF 57	AM100
					KF 57	AD2
					KFF 57	
69.0	415	21.17	7310	1.45	KFA 57	Y..100L _i -4
76.0	375	19.11	7220	1.60	KFAF 57	AM100
87.0	330	16.81	7100	1.80	KF 57	AD3
					KFF 57	

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration		
P₁=3.00kw								
92.0	310	15.88	7040	1.90	KFA 57	Y..100L ₁ -4 AM100 AD3		
108	265	13.52	6850	2.20	KFAF 57			
118	240	12.29	6730	2.50	KF 57			
137	205	10.64	6540	2.90	KFF 57			
74.0	385	19.70	4760	1.05	KFA 47 KFAF 47 KF 47 KFF 47	Y..100L ₁ -4 AM100 AD2		
84.0	340	17.33	4760	1.15				
89.0	320	16.36	4760	1.25				
104	270	13.93	4720	1.45				
115	245	12.66	4690	1.60				
133	215	10.97	4620	1.85				
162	176	8.96	4350	1.85				
131	215	11.08	2340	0.85	KFA 37 KFAF 37 KF 37 KFF 37	Y..100L ₁ -4 AM100 AD2		
140	205	10.42	2360	0.90				
162	177	8.97	2400	1.00				
182	158	8.01	2410	1.10				
216	133	6.74	2290	1.05				
240	119	6.05	2290	1.15				
279	103	5.21	2280	1.20				
297	96	4.90	2270	1.25				
345	83	4.22	2240	1.35				
386	74	3.77	2210	1.40				
P₁=4.00kw								
1.70	20200	845	92900	0.90			KFA 157 KRF97 KFAF 157 KRF97 KF 157 KRF97 KFF 157 KRF97	Y..112M-4 AM112 AD5
1.90	18200	764	99500	1.00				
2.20	16200	680	105100	1.10				
2.50	13600	576	111000	1.30				
3.30	10700	446	116200	1.70				
4.80	7240	302	120000	2.50				
5.30	6520	273	120000	2.80				
6.30	5500	232	120000	3.30				
7.40	4660	197	120000	3.90				
2.70	13300	549	87800	0.90	KFA 127 KRF77 KFAF 127 KRF77 KF 127 KRF77 KFF 127 KRF77	Y..112M-4 AM112 AD4		
3.00	12000	495	90000	1.00				
3.40	10400	428	90000	1.15				
3.90	9140	376	90000	1.30				
4.40	8120	333	48600	0.95	KFA 107 KRF77 KFAF 107 KRF77 KF 107 KRF77 KFF 107 KRF77	Y..112M-4 AM112 AD4		
5.00	7090	291	51300	1.10				
5.70	6210	255	53500	1.25				
5.70	6650	254.40	52400	1.15	KFA 107 KFAF 107 KF 107 KFF 107	Y..112M-4 AM112 AD3		
6.80	5630	215.37	54900	1.35				
7.30	5210	199.31	55800	1.45				
8.20	4670	178.64	57000	1.65				
9.00	4210	161.28	58000	1.80				
10.0	3830	146.49	58800	2.00				
11.0	3400	129.97	59600	2.30				
12.0	3080	117.94	60200	2.50				
14.0	2650	101.38	61000	2.90			KFA 107 KFAF 107 KF 107 KFF 107	Y..112M-4 AM112 AD4

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=4.00kw						
8.40	4570	174.87	29100	0.95	KFA 97 KFAF 97 KF 97 KFF 97	Y..112M-4 AM112 AD3
9.30	4080	156.30	30500	1.05		
10.0	3680	140.71	31600	1.15		
11.0	3330	127.42	32500	1.30		
13.0	2950	112.99	33400	1.45		
14.0	2670	102.16	34000	1.60		
15.0	2550	97.58	34300	1.70		
16.0	2350	89.85	34700	1.85		
18.0	2100	80.31	35200	2.00		
20.0	1890	72.29	35600	2.30		
22.0	1710	65.47	35900	2.50	KFA 97 KFAF 97 KF 97 KFF 97	Y..112M-4 AM112 AD4
13.0	2860	109.49	23500	1.05	KFA 87 KFAF 87 KF 87 KFF 87	Y..112M-4 AM112 AD2
15.0	2560	97.89	24600	1.15		
17.0	2300	88.01	24500	1.30		
19.0	1990	76.39	24100	1.50		
21.0	1780	68.40	23800	1.70	KFA 87 KFAF 87 KF 87 KFF 87	Y..112M-4 AM112 AD3
26.0	1480	56.75	23100	2.00		
29.0	1310	50.36	22600	2.20		
32.0	1180	45.28	22200	2.40		
22.0	1730	66.46	13900	0.85		
25.0	1520	58.32	15600	1.00		
26.0	1440	55.27	16100	1.05		
30.0	1260	48.37	17100	1.20		
34.0	1140	43.58	17700	1.30	KFA 77 KFAF 77 KF 77 KFF 77	Y..112M-4 AM112 AD3
38.0	1000	38.23	18300	1.50		
43.0	880	33.74	18700	1.70		
49.0	780	29.91	19000	1.90		
57.0	665	25.54	19300	2.20		
46.0	820	31.51	18900	1.65		
51.0	750	28.75	19100	1.90		
57.0	665	25.50	19300	2.20	KFA 77 KFAF 77 KF 77 KFF 77	Y..112M-4 AM112 AD4
68.0	560	21.43	19600	2.70		
74.0	515	19.70	19700	2.90		
53.0	715	27.41	11100	1.15	KFA 67 KFAF 67 KF 67 KFF 67	Y..112M-4 AM112 AD3
58.0	655	25.13	11600	1.25		
66.0	575	22.05	12000	1.40		
70.0	545	20.90	12200	1.50		
80.0	475	18.29	12500	1.70		
89.0	430	16.48	12700	1.90		
101	375	14.46	12900	2.20	KFA 67 KFAF 67 KF 67 KFF 67	Y..112M-4 AM112 AD3
114	330	12.76	13000	2.50		
129	295	11.31	13000	2.80		
151	250	9.66	13000	3.20		
161	235	9.08	12900	2.20		
170	225	8.60	12700	2.50		
194	197	7.53	12300	3.10		
215	178	6.78	12000	3.50		
245	156	5.95	11700	3.90		

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=4.00kw						
278	137	5.25	11300	4.30	KFA 67	Y..112M-4
314	122	4.66	11000	4.60	KFAF 67	AM112
367	104	3.97	10500	4.80	KF 67	AD3
					KFF 67	
69.0	550	21.17	6490	1.10	KFA 57 KFAF 57 KF 57 KFF 57	Y..112M-4 AM112 AD3
76.0	500	19.11	6480	1.20		
87.0	435	16.81	6440	1.35		
92.0	415	15.88	6420	1.45		
108	350	13.52	6320	1.70		
119	320	12.29	6250	1.85		
137	275	10.64	6120	2.20		
157	240	9.31	5820	1.70		
178	210	8.19	5710	1.95		
189	200	7.73	5650	2.10		
222	172	6.58	5480	2.40		
244	157	5.98	5380	2.70		
282	136	5.18	5220	3.10		
P₁=5.50kw						
2.50	19000	576	96900	0.95	KFA 157 KRF97 KFAF 157 KRF97 KF 157 KRF97 KFF 157 KRF97	Y..132S-4 AM132 AD5
2.90	16500	503	104200	1.10		
3.30	14800	446	108400	1.20		
4.10	11600	353	114800	1.55		
4.80	10000	302	117200	1.80		
5.30	9080	273	118500	2.00		
6.30	7660	232	120000	2.40		
7.20	6660	202	120000	2.70		
7.40	6500	197	120000	2.80		
3.50	13900	418	86600	0.85		
3.90	12500	374	89500	0.95		
4.70	10400	312	90000	1.15	KFA 127 KRF87 KFAF 127 KRF87 KF 127 KRF87 KFF 127 KRF87	Y..132S-4 AM132 AD5
5.00	9770	293	90000	1.25		
5.60	8620	259	90000	1.40		
6.50	7450	223	90000	1.60		
3.40	14400	428	85700	0.85	KFA 127 KRF77 KFAF 127 KRF77 KF 127 KRF77 KFF 127 KRF77	Y..132S-4 AM132 AD4
3.90	12600	376	89200	0.95		
6.80	7770	215.37	49600	1.00	KFA 107 KFAF 107 KF 107 KFF 107	Y..132S-4 AM132 AD3
7.30	7190	199.31	51100	1.05		
8.10	6440	178.64	53000	1.20		
9.00	5820	161.28	54400	1.30		
9.90	5280	146.49	55700	1.45	KFA 107 KFAF 107 KF 107 KFF 107	Y..132S-4 AM132 AD3
11.0	4690	129.97	57000	1.65		
12.0	4250	117.94	57900	1.80		
14.0	3650	101.38	59100	2.10	KFA 107 KFAF 107 KF 107 KFF 107	Y..132S-4 AM132 AD4
16.0	3330	92.47	59700	2.30		
16.0	3190	88.49	60000	2.40		
17.0	3030	83.99	60300	2.50		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=5.50kw						
11.0	4590	127.42	29000	0.95	KFA 97 KFAF 97 KF 97 KFF 97	Y..132S-4 AM132 AD3
13.0	4070	112.99	30500	1.05		
14.0	3680	102.16	31600	1.15		
15.0	3520	97.58	32000	1.20	KFA 97 KFAF 97 KF 97 KFF 97	Y..132S-4 AM132 AD3
16.0	3240	89.85	32700	1.35		
17.0	3120	86.59	33000	1.40		
18.0	2890	80.31	33500	1.50		
19.0	2730	75.63	33900	1.60		
20.0	2600	72.29	34200	1.65		
22.0	2360	65.47	34700	1.80	KFA 97 KFAF 97 KF 97 KFF 97	Y..132S-4 AM132 AD4
25.0	2090	58.06	34400	2.00		
28.0	1890	52.49	33800	2.30		
17.0	3170	88.01	11000	0.95	KFA 87 KFAF 87 KF 87 KFF 87	Y..132S-4 AM132 AD2
19.0	2750	76.39	21200	1.10		
21.0	2460	68.40	21200	1.20	KFA 87 KFAF 87 KF 87 KFF 87	Y..132S-4 AM132 AD3
26.0	2040	56.75	21000	1.45		
29.0	1810	50.36	20700	1.60		
32.0	1630	45.28	20500	1.75		
37.0	1410	39.30	20100	1.90		
41.0	1270	35.19	19700	2.00	KFA 87 KFAF 87 KF 87 KFF 87	Y..132S-4 AM132 AD4
50.0	1050	29.20	19100	2.40		
43.0	1220	33.92	19600	2.10		
51.0	1030	28.78	19000	2.40		
55.0	950	26.50	18700	3.10	KFA 87 KFAF 87 KF 87 KFF 87	Y..132S-4 AM132 AD5
61.0	850	23.68	18300	3.50		
30.0	1740	48.37	13800	0.85	KFA 77 KFAF 77 KF 77 KFF 77	Y..132S-4 AM132 AD2
33.0	1570	43.58	15200	0.95		
38.0	1380	38.23	16500	1.10		
43.0	1210	33.74	17400	1.25	KFA 77 KFAF 77 KF 77 KFF 77	Y..132S-4 AM132 AD3
49.0	1070	29.91	18000	1.40		
57.0	920	25.54	18600	1.55		
57.0	920	25.50	18600	1.65	KFA 77 KFAF 77 KF 77 KFF 77	Y..132S-4 AM132 AD4
68.0	770	21.43	19100	1.95		
74.0	710	19.70	19200	2.10		
83.0	630	17.49	19400	2.40		
93.0	560	15.64	19600	2.70		
103	505	14.06	19200	3.00		
119	440	12.20	18600	3.40		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n _i [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_i=5.50kw						
66.0	795	22.05	10500	1.05		
70.0	750	20.90	10900	1.10		
80.0	660	18.29	11500	1.25		
88.0	590	16.48	11900	1.40		
101	520	14.46	12300	1.55		
114	460	12.76	12600	1.80		
129	405	11.31	12800	2.00	KFA 67	Y..132S-4
151	345	9.66	12900	2.40	KFAF 67	AM132
160	325	9.08	12400	1.60	KF 67	AD3
169	310	8.60	12200	1.85	KFF 67	
193	270	7.53	11900	2.20		
214	240	6.78	11700	2.50		
245	210	5.95	11300	2.80		
277	190	5.25	11000	3.10		
313	168	4.66	10700	3.30		
366	144	3.97	10300	3.50		
P_i=7.50kw						
87.0	605	16.81	5460	1.00	KFA 57	Y..132S-4
92.0	570	15.88	5490	1.05	KFAF 57	AM132
108	485	13.52	5530	1.25	KF 57	AD3
118	440	12.29	5530	1.35	KFF 57	
137	380	10.64	5500	1.55		
178	295	8.19	5180	1.40	KFA 57	Y..132S-4
188	275	7.73	5150	1.50	KFAF 57	AM132
221	235	6.58	5060	1.75	KF 57	AD3
243	215	5.98	5000	1.95	KFF 57	
281	187	5.18	4890	2.20		
P_i=7.50kw						
4.70	14100	312	86300	0.85	KFA 127 KRF87	Y..132M-4
5.00	13200	293	88000	0.90	KFAF 127 KRF87	AM132
5.70	11700	259	90000	1.05	KF 127 KRF87	AD5
6.60	10100	223	90000	1.20	KFF 127 KRF87	
7.40	8930	198	90000	1.35		
8.60	8320	170.83	90000	1.45	KFA 127	Y..132M-4
9.60	7480	153.67	90000	1.60	KFAF 127	AM132
12.0	6100	125.37	90000	1.95	KF 127	AD4
					KFF 127	
8.20	8700	178.64	47000	0.90	KFA 107	Y..132M-4
9.10	7850	161.28	49300	1.00	KFAF 107	AM132
10.0	7130	146.49	51200	1.10	KF 107	AD3
11.0	6330	129.97	53200	1.20	KFF 107	
12.0	5740	117.94	54600	1.35		
14.0	4930	101.38	56400	1.55		
16.0	4500	92.47	57400	1.70	KFA 107	Y..132M-4
17.0	4310	88.49	57800	1.80	KFAF 107	AM132
18.0	4090	83.99	58200	1.90	KF 107	AD4
20.0	3630	74.52	59200	2.10	KFF 107	
22.0	3290	67.62	59800	2.30		
15.0	4750	97.58	24800	0.90	KFA 97	Y..132M-4
16.0	4370	89.85	29700	1.00	KFAF 97	AM132
17.0	4210	86.59	30100	1.00	KF 97	AD3
18.0	3910	80.31	31000	1.10	KFF 97	
19.0	3680	75.63	31600	1.15		
P_i=7.50kw						
20.0	3520	72.29	32000	1.20		
					KFA 97	Y..132M-4
					KFAF 97	AM132
					KF 97	AD3
					KFF 97	
22.0	3180	65.47	32200	1.35		
25.0	2820	58.06	31700	1.50		
28.0	2550	52.49	31300	1.70	KFA 97	Y..132M-4
33.0	2160	44.49	30500	2.00	KFAF 97	AM132
38.0	1890	38.86	29800	2.30	KF 97	AD4
45.0	1580	32.50	28800	2.70	KFF 97	
34.0	2100	43.28	30400	1.45		
40.0	1780	36.64	29400	1.70		
43.0	1650	33.91	29000	2.60	KFA 97	Y..132M-4
48.0	1480	30.39	28400	2.90	KFAF 97	AM132
					KF 97	AD5
					KFF 97	
26.0	2760	56.75	18100	1.10	KFA 87	Y..132M-4
29.0	2450	50.36	18200	1.20	KFAF 87	AM132
32.0	2200	45.28	18200	1.30	KF 87	AD3
37.0	1910	39.30	18100	1.40	KFF 87	
42.0	1710	35.19	17900	1.50	KFA 87	Y..132M-4
50.0	1420	29.20	17600	1.75	KFAF 87	AM132
51.0	1400	28.78	17500	1.75	KF 87	AD4
					KFF 87	
55.0	1290	26.50	17300	2.30		
62.0	1150	23.68	17100	2.60	KFA 87	Y..132M-4
69.0	1030	21.32	16800	2.90	KFAF 87	AM132
76.0	940	19.31	16500	3.20	KF 87	AD5
86.0	830	17.12	16100	3.60	KFF 87	
95.0	750	15.48	15800	4.00		
44.0	1640	33.74	14700	0.90	KFA 77	Y..132M-4
49.0	1450	29.91	16000	1.05	KFAF 77	AM132
58.0	1240	25.54	17200	1.15	KF 77	AD3
					KFF 77	
58.0	1240	25.50	17200	1.20		
69.0	1040	21.43	18100	1.45		
75.0	950	19.70	18500	1.55		
84.0	850	17.49	18800	1.75		
94.0	760	15.64	18900	1.95		
105	685	14.06	18500	2.20		
120	590	12.20	17900	2.50	KFA 77	Y..132M-4
135	530	10.93	17500	2.80	KFAF 77	AM132
158	450	9.30	16400	2.40	KF 77	AD4
178	400	8.26	16000	2.70	KFF 77	
199	355	7.39	15600	3.00		
221	320	6.64	15200	3.30		
255	280	5.76	14700	3.80		
285	250	5.16	14400	4.30		
343	205	4.28	13700	4.80		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=11.0kw						
4.90	20000	302	93600	0.90	KFA 157 KRF97 KFAF 157 KRF97 KF 157 KRF97 KFF 157 KRF97	Y..160M-4 AM160 AD5
5.40	18100	273	99900	1.00		
6.40	15300	232	107400	1.15		
7.30	13300	202	111600	1.35		
7.50	12900	197	112300	1.40		
6.60	14800	223	84900	0.80	KFA 127 KRF87 KFAF 127 KRF87 KF 127 KRF87 KFF 127 KRF87	Y..160M-4 AM160 AD5
7.50	13100	198	88300	0.90		
8.90	11000	166	90000	1.10		
8.90	11000	166	90000	1.10		
5.50	19000	267.43	97000	0.95	KFA 157 KFAF 157 KF 157 KFF 157	Y..160M-4 AM160 AD5
6.80	15400	217.62	106900	1.15		
8.30	12600	178.20	112900	1.40		
9.00	11600	162.96	114800	1.55		
10.0	10000	141.80	117100	1.80		
12.0	8910	125.14	118700	2.00		
14.0	7720	108.49	120000	2.30		
15.0	6870	96.53	120000	2.60		
17.0	6110	85.80	117400	3.00		
19.0	5580	78.46	115000	3.20		
22.0	4860	68.28	111300	3.70		
8.60	12100	170.83	90000	1.00	KFA 127 KFAF 127 KF 127 KFF 127	Y..160M-4 AM160 AD4
9.60	10900	153.67	90000	1.10		
12.0	8920	125.37	90000	1.35		
13.0	8140	114.34	90000	1.45		
15.0	7040	98.95	90000	1.70		
17.0	6210	87.31	90000	1.95		
20.0	5370	75.41	88200	2.20		
13.0	8390	117.94	47900	0.90	KFA 107 KFAF 107 KF 107 KFF 107	Y..160M-4 AM160 AD3
15.0	7210	101.38	51000	1.05		
16.0	6580	92.47	52600	1.15		
18.0	5980	83.99	54100	1.30		
20.0	5300	74.52	55600	1.45	KFA 107 KFAF 107 KF 107 KFF 107	Y..160M-4 AM160 AD4
22.0	4810	67.62	56700	1.60		
25.0	4130	58.12	56200	1.85		
29.0	3610	50.73	54900	2.10		
34.0	3060	43.03	53300	2.50		
44.0	2400	33.79	50700	3.10		
54.0	1960	27.57	48500	4.00		
59.0	1790	25.14	47500	4.40	KFA 107 KFAF 107 KF 107 KFF 107	Y..160M-4 AM160 AD6
23.0	4660	65.47	26900	0.90		
25.0	4130	58.06	27100	1.05		
28.0	3730	52.49	27100	1.15		
33.0	3160	44.49	26900	1.35		
38.0	2760	38.86	26700	1.55		
45.0	2310	32.50	26200	1.85		

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=11.0kw						
44.0	2410	33.91	26300	1.80	KFA 97 KFAF 97 KF 97 KFF 97	Y..160M-4 AM160 AD5
49.0	2160	30.39	25900	2.00		
54.0	1950	27.44	25500	2.20		
59.0	1770	24.92	25100	2.40		
67.0	1570	22.11	24600	2.70	KFA 97 KFAF 97 KF 97 KFF 97	Y..160M-4 AM160 AD5
38.0	2790	39.30	14600	0.95		
42.0	2500	35.19	14800	1.05		
51.0	2070	29.20	15000	1.20	KFA 87 KFAF 87 KF 87 KFF 87	Y..160M-4 AM160 AD4
56.0	1880	26.50	15000	1.60		
62.0	1680	23.68	15000	1.80		
69.0	1510	21.32	14900	2.00		
76.0	1370	19.31	14800	2.20	KFA 87 KFAF 87 KF 87 KFF 87	Y..160M-4 AM160 AD5
86.0	1210	17.12	14600	2.50		
95.0	1100	15.48	14400	2.70		
112	930	13.12	14000	3.20		
75.0	1400	19.70	16300	1.05	KFA 77 KFAF 77 KF 77 KFF 77	Y..160M-4 AM160 AD4
84.0	1240	17.49	17200	1.20		
94.0	1110	15.64	17600	1.35		
105	1000	14.06	17300	1.50		
121	860	12.20	16900	1.75		
135	775	10.93	16600	1.95		
159	660	9.30	15400	1.65		
179	585	8.26	15100	1.85	KFA 77 KFAF 77 KF 77 KFF 77	Y..160M-4 AM160 AD4
200	525	7.39	14800	2.00		
222	470	6.64	14500	2.30		
256	410	5.76	14100	2.60		
286	365	5.16	13800	2.90		
345	300	4.28	13300	3.30		
P₁=15.0kw						
6.30	21100	232	89700	0.85	KFA 157 KRF97 KFAF 157 KRF97 KF 157 KRF97 KFF 157 KRF97	Y..160L-4 AM160 AD5
7.20	18400	202	99000	1.00		
7.50	17900	197	100500	1.00		
6.70	21200	217.62	89000	0.85		
8.20	17400	178.20	101900	1.05	KFA 157 KFAF 157 KF 157 KFF 157	Y..160L-4 AM160 AD5
9.00	15900	162.96	105900	1.15		
10.0	13800	141.80	110600	1.30		
12.0	12200	125.14	113700	1.45		
14.0	10600	108.49	116400	1.70		
15.0	9430	96.53	115700	1.90		
17.0	8380	85.80	113200	2.20		
19.0	7670	78.46	111100	2.40		
21.0	6670	68.28	108000	2.70		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n _i [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration	
P_i=15.0kw							
24.0	5890	60.25	105100	3.10		KFA 157 KFAF 157 KF 157 KFF 157 Y..160L-4 AM160 AD5	
12.0	12200	125.37	89000	1.00		KFA 127 KFAF 127 KF 127 KFF 127 Y..160L-4 AM160 AD4	
13.0	11100	114.34	88300	1.05			
15.0	9670	98.95	87000	1.25			
17.0	8530	87.31	85600	1.40			
19.0	7370	75.41	83800	1.65			
21.0	6850	70.07	82800	1.75		KFA 127 KFAF 127 KF 127 KFF 127 Y..160L-4 AM160 AD5	
16.0	9040	92.47	46000	0.85		KFA 107 KFAF 107 KF 107 KFF 107 Y..160L-4 AM160 AD4	
17.0	8650	88.49	47100	0.90			
17.0	8210	83.99	48400	0.95			
20.0	7280	74.52	50800	1.05			
22.0	6610	67.62	52600	1.15			
25.0	5680	58.12	52200	1.35		KFA 107 KFAF 107 KF 107 KFF 107 Y..160L-4 AM160 AD4	
29.0	4960	50.73	51500	1.55			
34.0	4200	43.03	50300	1.85		KFA 107 KFAF 107 KF 107 KFF 107 Y..160L-4 AM160 AD5	
39.0	3670	37.61	49300	2.10			
46.0	3100	31.80	47900	2.50			
43.0	3300	33.79	48400	2.20		KFA 107 KFAF 107 KF 107 KFF 107 Y..160L-4 AM160 AD6	
53.0	2690	27.57	46700	2.90			
58.0	2450	25.14	45800	3.20			
67.0	2120	21.76	44500	3.70			
33.0	4340	44.49	22900	1.00		KFA 97 KFAF 97 KF 97 KFF 97 Y..160L-4 AM160 AD4	
38.0	3790	38.86	23100	1.15			
45.0	3170	32.50	23200	1.35			
43.0	3310	33.91	23200	1.30		KFA 97 KFAF 97 KF 97 KFF 97 Y..160L-4 AM160 AD5	
48.0	2970	30.39	23200	1.45			
53.0	2680	27.44	23100	1.60			
59.0	2430	24.92	22900	1.75			
66.0	2160	22.11	22600	2.00			
73.0	1960	20.07	22400	2.20			
85.0	1680	17.25	21900	2.60			
97.0	1470	15.06	21400	2.90			
115	1240	12.77	20800	3.40			KFA 97 KFAF 97 KF 97 KFF 97 Y..160L-4 AM160 AD6
131	1090	11.16	20200	3.80			
55.0	2590	26.50	12400	1.15		KFA 87 KFAF 87 KF 87 KFF 87 Y..160L-4 AM160 AD5	
62.0	2310	23.68	12600	1.30			
69.0	2080	21.32	12700	1.45			
76.0	1880	19.31	12800	1.60			
P_i=15.0kw							
86.0	1670	17.12	12900	1.80		KFA 87 KFAF 87 KF 87 KFF 87 Y..160L-4 AM160 AD5	
95.0	1510	15.48	12800	2.00			
112	1280	13.12*	12700	2.30			
128	1120	11.46	12600	2.70			
153	930	9.58	12300	3.10			
177	810	8.29	11700	1.90			
199	715	7.35	11500	2.10			
220	645	6.65	11300	2.40			
260	550	5.63	11000	2.80			
298	480	4.92	10700	3.20			
356	400	4.12	10300	3.60			
P_i=18.5kw							
7.20	22700	202	70200	0.80		KFA 157 KRF97 KFAF 157 KRF97 KF 157 KRF97 KFF 157 KRF97 Y..180M-4 AM180 AD5	
7.50	22100	197	83800	0.80			
8.20	21400	178.20	88200	0.85		KFA 157 KFAF 157 KF 157 KFF 157 Y..180M-4 AM180 AD5	
9.00	19600	162.96	95000	0.90			
10.0	17000	141.80	102800	1.05			
12.0	15000	125.14	107900	1.20			
14.0	13000	108.49	112100	1.40			
15.0	11600	96.53	111300	1.55			
17.0	10300	85.80	109300	1.75			
19.0	9460	78.46	107600	1.90			
21.0	8230	68.28	104900	2.20			
24.0	7260	60.25	102300	2.50			
28.0	6290	52.24	99400	2.90		KFA 157 KFAF 157 KF 157 KFF 157 Y..180M-4 AM180 AD6	
13.0	13700	114.34	82200	0.85		KFA 127 KFAF 127 KF 127 KFF 127 Y..180M-4 AM180 AD4	
15.0	11900	98.95	81700	1.00			
17.0	10500	87.31	80900	1.15			
19.0	9090	75.41	79700	1.30			
21.0	8450	70.07	79000	1.40		KFA 127 KFAF 127 KF 127 KFF 127 Y..180M-4 AM180 AD5	
23.0	7700	63.91	78100	1.55			
26.0	6660	55.31	76400	1.80			
30.0	5880	48.80	74900	2.00			
20.0	8980	74.52	46200	0.85		KFA 107 KFAF 107 KF 107 KFF 107 Y..180M-4 AM180 AD4	
22.0	8150	67.62	48500	0.95			
25.0	7000	58.12	48700	1.10			
29.0	6110	50.73	48400	1.25			
34.0	5180	43.03	47700	1.50		KFA 107 KFAF 107 KF 107 KFF 107 Y..180M-4 AM180 AD5	
39.0	4530	37.61	47000	1.70			
46.0	3830	31.80	46000	2.00			
43.0	4070	33.79	46400	1.80		KFA 107 KFAF 107 KF 107 KFF 107 Y..180M-4 AM180 AD6	
53.0	3320	27.57	45000	2.40			
58.0	3030	25.14	44300	2.60			
67.0	2620	21.76	43200	3.00			

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration		
P₁=18.5kw								
38.0	4680	38.86	20000	0.90	KFA 97	Y..180M-4 AM180 AD4		
45.0	3910	32.50	20600	1.10	KFAF 97			
					KF 97			
					KFF 97			
53.0	3300	27.44	20900	1.30	KFA 97	Y..180M-4 AM180 AD5		
59.0	3000	24.92	20900	1.45	KFAF 97			
66.0	2660	22.11	20900	1.60	KF 97			
73.0	2410	20.07	20800	1.80	KFF 97			
85.0	2070	17.25	20500	2.10				
97.0	1810	15.06	20200	2.40				
115	1530	12.77	19800	2.80	KFA 97	Y..180M-4 AM180 AD6		
131	1340	11.16	19300	3.00	KFAF 97			
					KF 97			
					KFF 97			
69.0	2570	21.32	10900	1.15	KFA 87 KFAF 87 KF 87 KFF 87	Y..180M-4 AM180 AD5		
76.0	2320	19.31	11100	1.30				
86.0	2060	17.12	11400	1.45				
95.0	1860	15.48	11500	1.60				
112	1580	13.12	11600	1.90				
128	1380	11.46	11600	2.20				
153	1150	9.58	11500	2.50				
177	990	8.29	10900	1.55				
199	880	7.35	10800	1.75				
220	800	6.65	10700	1.90				
260	675	5.63	10400	2.20				
298	590	4.92	10200	2.60				
356	495	4.12	9900	2.90				
P₁=22.0kw								
10.0	20100	141.80	93100	0.90			KFA 157 KFAF 157 KF 157 KFF 157	Y..180L-4 AM180 AD5
12.0	17800	125.14	100800	1.00				
14.0	15400	108.49	107000	1.15				
15.0	13700	96.53	106900	1.30				
17.0	12200	85.80	105200	1.45				
19.0	11100	78.46	103900	1.60				
22.0	9720	68.28	101600	1.85				
24.0	8580	60.25	99500	2.10				
28.0	7440	52.24	96800	2.40	KFA 157	Y..180L-4 AM180 AD6		
					KFAF 157			
					KF 157			
					KFF 157			
32.0	6610	46.48	94600	2.70	KFA 157	Y..180L-4 AM180 AD7		
37.0	5700	40.06	91800	3.20	KFAF 157			
45.0	4630	32.55	87700	3.90	KF 157			
					KFF 157			
15.0	14000	98.95	76300	0.85	KFA 127	Y..180L-4 AM180 AD4		
17.0	12400	87.31	76300	0.95	KFAF 127			
20.0	10700	75.41	75700	1.10	KF 127			
					KFF 127			
21.0	9980	70.07	75300	1.20	KFA 127	Y..180L-4 AM180 AD5		
23.0	9100	63.91	74600	1.30	KFAF 127			
27.0	7870	55.31	73400	1.50	KF 127			
					KFF 127			

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration		
P₁=22.0kw								
30.0	6950	48.80	72200	1.75	KFA 127	Y..180L-4 AM180 AD5		
35.0	6000	42.15	70600	2.00	KFAF 127			
					KF 127			
					KFF 127			
25.0	8270	58.12	45200	0.95	KFA 107	Y..180L-4 AM180 AD4		
29.0	7220	50.73	45300	1.05	KFAF 107			
					KF 107			
					KFF 107			
34.0	6120	43.03	45100	1.25	KFA 107	Y..180L-4 AM180 AD5		
39.0	5350	37.61	44700	1.45	KFAF 107			
46.0	4520	31.80	44000	1.70	KF 107			
					KFF 107			
44.0	4810	33.79	44300	1.55	KFA 107	Y..180L-4 AM180 AD6		
54.0	3920	27.57	43300	2.00	KFAF 107			
59.0	3580	25.14	42700	2.20	KF 107			
68.0	3090	21.76	41800	2.50	KFF 107			
77.0	2730	19.20	40900	2.90				
54.0	3900	27.44	18700	1.10	KFA 97 KFAF 97 KF 97 KFF 97	Y..180L-4 AM180 AD5		
59.0	3540	24.92	18900	1.20				
67.0	3140	22.11	19100	1.35				
74.0	2850	20.07	19200	1.50				
86.0	2450	17.25	19100	1.75				
98.0	2140	15.06	19000	2.00				
116	1810	12.77	18700	2.40			KFA 97	Y..180L-4 AM180 AD6
132	1580	11.16	18400	2.60			KFAF 97	
					KF 97			
					KFF 97			
69.0	3030	21.32	9020	1.00	KFA 87 KFAF 87 KF 87 KFF 87	Y..180L-4 AM180 AD5		
76.0	2740	19.31	9450	1.10				
86.0	2430	17.12	9870	1.25				
95.0	2200	15.48	10100	1.35				
112	1860	13.12	10400	1.60				
129	1630	11.46	10600	1.85				
154	1360	9.58	10600	2.10				
178	1180	8.29	10100	1.30				
201	1040	7.35	10100	1.45				
222	940	6.65	10000	1.60				
262	800	5.63	9890	1.90				
300	700	4.92	9740	2.20				
358	585	4.12	9490	2.50				
P₁=30.0kw								
14.0	21000	108.49	89800	0.85			KFA 157 KFAF 157 KF 157 KFF 157	Y..200L-4 AM200 AD5
15.0	18700	96.53	96900	0.95				
17.0	16600	85.80	96400	1.10				
19.0	15200	78.46	95800	1.20				
22.0	13200	68.28	94600	1.35				
24.0	11700	60.25	93200	1.55				
28.0	10100	52.24	91400	1.75	KFA 157	Y..200L-4 AM200 AD6		
					KFAF 157			
					KF 157			
					KFF 157			

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁		M ₁	i	Fr	K	Frame size	Input Configuration
[1/min]		[Nm]		[N]			
P₁=30.0kw							
32.0	9020	46.48	89800	2.00		KFA 157 KFAF 157	Y..200L-4 AM200
37.0	7780	40.06	87600	2.30		KF 157 KFF 157	AD7
20.0	14600	75.41	64500	0.80		KFA 127 KFAF 127 KF 127 KFF 127	Y..200L-4 AM200 AD4
21.0	13600	70.07	65700	0.90		KFA 127	Y..200L-4
23.0	12400	63.91	66800	0.95		KFAF 127	AM200
27.0	10700	55.31	66700	1.10		KF 127	AD5
30.0	9470	48.80	66300	1.25		KFF 127	
35.0	8180	42.15	65500	1.45			
40.0	7240	37.28	64700	1.65		KFA 127 KFAF 127 KF 127 KFF 127	Y..200L-4 AM200 AD6
55.0	5210	26.86	61800	1.65			
60.0	4770	24.57	60800	1.80			
47.0	6080	31.33	63200	1.95		KFA 127 KFAF 127 KF 127 KFF 127	Y..200L-4 AM200 AD7
58.0	4910	25.30	61100	2.40			
69.0	4150	21.38	59300	2.90		KFA 127 KFAF 127 KF 127 KFF 127	Y..200L-4 AM200 AD8
78.0	3660	18.87	57900	3.00			
34.0	8350	43.03	39200	0.90		KFA 107 KFAF 107 KF 107 KFF 107	Y..200L-4 AM200 AD5
39.0	7300	37.61	39600	1.05			
46.0	6170	31.80	39700	1.25			
54.0	5350	27.57	39500	1.45			
59.0	4880	25.14	39300	1.60			
68.0	4220	21.76	38800	1.85		KFA 107	Y..200L-4
77.0	3720	19.20	38300	2.10		KFAF 107	AM200
89.0	3220	16.58	37600	2.40		KF 107	AD6
101	2840	14.67	36900	2.70		KFF 107	
120	2390	12.33	35800	2.90			
148	1930	9.96	34400	3.40			
67.0	4290	22.11	15100	1.00		KFA 97 KFAF 97 KF 97 KFF 97	Y..200L-4 AM200 AD5
74.0	3890	20.07	15500	1.10			
86.0	3350	17.25	16000	1.30			
98.0	2920	15.06	16300	1.45			
116	2480	12.77	16400	1.75			
132	2160	11.16	16400	1.90			
163	1760	9.06	15400	1.35		KFA 97	Y..200L-4
179	1590	8.22	15300	1.50		KFAF 97	AM200
209	1370	7.07	15100	1.70		KF 97	AD6
239	1190	6.17	14900	1.90		KFF 97	
282	1010	5.23	14600	2.10			
322	880	4.57	14300	2.30			
P₁=37.0kw							
17.0	20500	85.80	88600	0.90		KFA 157 KFAF 157	Y..225S-4
19.0	18700	78.46	88700	0.95			AM225
22.0	16300	68.28	88400	1.10		KF 157	AD5
25.0	14400	60.25	87800	1.25		KFF 157	
28.0	12400	52.24	86700	1.45		KFA 157 KFAF 157 KF 157 KFF 157	Y..225S-4 AM225 AD6
32.0	11100	46.48	85600	1.60		KFA 157	Y..225S-4
37.0	9580	40.06	84000	1.90		KFAF 157	AM225
45.0	7780	32.55	81300	2.30		KF 157 KFF 157	AD7
54.0	6600	27.60	79000	2.70		KFA 157 KFAF 157 KF 157 KFF 157	Y..225S-4 AM225 AD8
27.0	13200	55.31	59200	0.90		KFA 127 KFAF 127 KF 127 KFF 127	Y..225S-4 AM225 AD5
30.0	11600	48.80	60800	1.05			
35.0	10000	42.15	61100	1.20			
40.0	8910	37.28	60700	1.35		KFA 127 KFAF 127 KF 127 KFF 127	Y..225S-4 AM225 AD6
55.0	6420	26.86	58900	1.30			
60.0	5870	24.57	58200	1.45			
47.0	7490	31.33	59900	1.60		KFA 127 KFAF 127 KF 127 KFF 127	Y..225S-4 AM225 AD7
58.0	6050	25.30	58500	2.00			
69.0	5110	21.38	57100	2.40			
78.0	4510	18.87	55900	2.40			
90.0	3910	16.36	54500	2.80		KFA 127	Y..225S-4
102	3480	14.55	53400	3.20		KFAF 127	AM225
118	3000	12.54	51800	3.30		KF 127	AD8
145	2430	10.19	49600	3.90		KFF 127	
167	2110	8.86	47700	3.30			
187	1880	7.88	46400	3.20			
54.0	6590	27.57	36200	1.20			
59.0	6010	25.14	36300	1.30			
68.0	5200	21.76	36200	1.50			
77.0	4590	19.20	36000	1.70			
89.0	3960	16.58	35600	2.00			
101	3500	14.67	35100	2.20		KFA 107 KFAF 107 KF 107 KFF 107	Y..225S-4 AM225 AD6
120	2940	12.33	34300	2.40			
148	2380	9.96	33200	2.70			
152	2310	9.69	32400	2.10			
176	2000	8.37	31700	2.40			
199	1770	7.40	31000	2.60			
237	1480	6.22	30000	3.10			

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]		M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=45.0kw							
22.0	19800	68.28	81400	0.90		KFA 157 KFAF 157	Y..225M-4 AM225
25.0	17500	60.25	81600	1.05		KF 157 KFF 157	AD5
28.0	15100	52.24	81300	1.20		KFA 157 KFAF 157 KF 157 KFF 157	Y..225M-4 AM225 AD6
32.0	13500	46.48	80800	1.35		KFA 157 KFAF 157	Y..225M-4 AM225
37.0	11600	40.06	79800	1.55		KF 157	AD7
45.0	9460	32.55	78000	1.90		KFF 157	
54.0	8020	27.60	76200	2.20		KFA 157 KFAF 157 KF 157 KFF 157	Y..225M-4 AM225 AD8
30.0	14100	48.80	51600	0.85		KFA 127 KFAF 127	Y..225M-4 AM225
35.0	12200	42.15	54300	1.00		KF 127 KFF 127	AD5
40.0	10800	37.28	55800	1.10		KFA 127 KFAF 127	Y..225M-4 AM225
55.0	7810	26.86	55700	1.10		KF 127	AD6
60.0	7140	24.57	55300	1.20		KFF 127	
47.0	9100	31.33	56100	1.30		KFA 127 KFAF 127	Y..225M-4 AM225
58.0	7350	25.30	55400	1.65		KF 127 KFF 127	AD7
69.0	6210	21.38	54500	1.95			
78.0	5480	18.87	53600	2.00			
90.0	4750	16.36	52600	2.30			
102	4230	14.55	51600	2.60		KFA 127 KFAF 127	Y..225M-4 AM225
118	3640	12.54	50300	2.70		KF 127	AD8
145	2960	10.19	48300	3.20		KFF 127	
167	2570	8.86	46500	2.70			
187	2290	7.88	45400	2.60			
218	1970	6.80	44000	3.50			
268	1600	5.52	42000	3.70			
54.0	8010	27.57	31500	1.00			
59.0	7310	25.14	32600	1.05			
68.0	6320	21.76	33200	1.25			
77.0	5580	19.20	33300	1.40			
89.0	4820	16.58	33300	1.65		KFA 107 KFAF 107	Y..225M-4 AM225
101	4260	14.67	33100	1.80		KF 107	AD6
120	3580	12.33	32600	1.95		KFF 107	
148	2890	9.96	31900	2.20			
152	2810	9.69	30900	1.75			
177	2430	8.37	30400	1.95			
200	2150	7.40	29900	2.10			
238	1800	6.22	29000	2.50			
P₁=55.0kw							
24.0	21400	60.25	73800	0.85		KFA 157 KFAF 157 KF 157 KFF 157	Y..250M-4 AM250 AD5
28.0	18600	52.24	74600	0.95		KFA 157 KFAF 157 KF 157 KFF 157	Y..250M-4 AM250 AD6
32.0	16500	46.48	74800	1.10		KFA 157 KFAF 157	Y..250M-4 AM250
37.0	14200	40.06	74700	1.25		KF 157	AD7
45.0	11500	32.55	73800	1.55		KFF 157	
53.0	9820	27.60	72600	1.85			
52.0	10100	28.60	72900	1.65		KFA 157	Y..250M-4
58.0	9050	25.43	71900	1.65		KFAF 157	AM250
67.0	7890	22.16	70600	2.30		KF 157	AD8
75.0	7030	19.77	69400	2.40		KFF 157	
88.0	6000	16.85	67600	3.00			
40.0	13200	37.28	46900	0.90		KFA 127 KFAF 127 KF 127 KFF 127	Y..250M-4 AM250 AD6
47.0	11100	31.33	49900	1.10		KFA 127 KFAF 127	Y..250M-4 AM250
58.0	9010	25.30	51600	1.35		KF 127 KFF 127	AD7
69.0	7610	21.38	51300	1.60			
78.0	6710	18.87	50800	1.65			
90.0	5820	16.36	50100	1.90			
101	5180	14.55	49400	2.10		KFA 127	Y..250M-4
118	4460	12.54	48400	2.20		KFAF 127	AM250
145	3620	10.19	46800	2.60		KF 127	AD8
166	3150	8.86	45100	2.20		KFF 127	
187	2800	7.88	44200	2.10			
217	2410	6.80	42900	2.90			
315	1660	4.68	39600	3.60			
P₁=75.0kw							
32.0	22400	46.48	62900	0.80		KFA 157 KFAF 157	Y..280S-4 AM280
37.0	19300	40.06	64400	0.95		KF 157	AD7
45.0	15700	32.55	65400	1.15		KFF 157	
54.0	13300	27.60	65500	1.35			
52.0	13800	28.60	65500	1.25			
58.0	12300	25.43	65400	1.20		KFA 157	Y..280S-4
67.0	10700	22.16	64900	1.70		KFAF 157	AM280
75.0	9560	19.77	64300	1.80		KF 157	AD8
88.0	8150	16.85	63200	2.20		KFF 157	
106	6750	13.96	61600	2.50			
124	5760	11.92	60100	2.80			

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n	M _L	i	Fr	K	Frame size	Input Configuration
[1/min]	[Nm]		[N]			
P_i=75.0kw						
58.0	12200	25.30	40000	1.00	KFA 127 KFAF 127 KF 127 KFF 127	Y..280S-4 AM280 AD7
69.0	10300	21.38	43000	1.15		
78.0	9120	18.87	44400	1.20		
90.0	7910	16.36	45200	1.40		
102	7040	14.55	45000	1.55	KFA 127	Y..280S-4
118	6060	12.54	44600	1.65	KFAF 127	AM280
145	4930	10.19	43700	1.95	KF 127	AD8
167	4280	8.86	42200	1.65	KFF 127	
188	3810	7.88	41600	1.55		
218	3280	6.80	40700	2.10		
268	2670	5.52	39300	2.20		
316	2260	4.68	38100	2.60		
P_i=90.0kw						
45.0	18900	32.55	59100	0.95	KFA 157 KFAF 157 KF 157 KFF 157	Y..280M-4 AM280 AD7
54.0	16000	27.60	60200	1.10		
67.0	12800	22.16	60600	1.40		
75.0	11400	19.77	60500	1.50	KFA 157	Y..280M-4
88.0	9780	16.85	59900	1.85	KFAF 157	AM280
106	8100	13.96	58900	2.10	KF 157	AD8
124	6920	11.92	57800	2.30	KFF 157	

n	M _L	i	Fr	K	Frame size	Input Configuration
[1/min]	[Nm]		[N]			
P_i=90.0kw						
58.0	14600	25.30	29600	0.80	KFA 127 KFAF 127 KF 127 KFF 127	Y..280M-4 AM280 AD7
90.0	9490	16.36	39900	1.15		
102	8450	14.55	41100	1.30		
118	7280	12.54	41800	1.35		
145	5910	10.19	41400	1.60	KFA 127	Y..280M-4
167	5140	8.86	40100	1.35	KFAF 127	AM280
188	4570	7.88	39700	1.30	KF 127	AD8
218	3940	6.80	39000	1.75	KFF 127	
268	3200	5.52	37900	1.85		
316	2710	4.68	36900	2.20		
P_i=110kw						
54.0	19500	27.60	53100	0.90	KFA 157	Y..315S-4
67.0	15600	22.16	54900	1.15	KFAF 157	-
75.0	14000	19.77	55400	1.20	KF 157	AD8
88.0	11900	16.85	55600	1.50	KFF 157	
106	9890	13.96	55300	1.70		
124	8440	11.92	54700	1.90		
P_i=132kw						
67.0	18800	22.16	48700	0.95	KFA 157	Y..315M-4
75.0	16700	19.77	49800	1.00	KFAF 157	-
88.0	14300	16.85	50900	1.25	KF 157	AD8
106	11800	13.96	51400	1.45	KFF 157	
125	10100	11.92	51400	1.60		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

3. 8 KF../KRF..性能參數 / KF../KRF.. Performance Parameters

n_2 [1/min]	i	Fr [N]	Frame size	Motor
$M_{2max}=130Nm$				
0.15	8972	4500		
0.18	7736	4500		
0.19	7211	4500		
0.22	6303	4500		
0.25	5435	4500	KFA 27 KRF17	Y..63M ₁₋₄
0.28	4855	4500	KFAF 27 KRF17	Y..63M ₁₋₄
0.33	4243	4500	KF 27 KRF17	Y..63M ₁₋₄
0.37	3715	4500	KFF 27 KRF17	Y..63M ₁₋₄
0.43	3247	4500		
0.48	2878	4500		
0.55	2515	4500		
0.62	2217	4500		
0.73	1898	4500		
0.84	1645	4500		
0.90	1525	4500		
1.00	1322	4500		
1.20	1146	4500	KFA 27 KRF17	Y..63M ₁₋₄
1.40	1013	4500	KFAF 27 KRF17	Y..63M ₁₋₄
1.60	890	4500	KF 27 KRF17	Y..63M ₁₋₄
1.80	778	4500	KFF 27 KRF17	Y..63M ₁₋₄
2.00	682	4500		
2.30	602	4500		
2.60	520	4500		
3.00	458	4500		
3.50	397	4500		
4.00	342	4500	KFA 27 KRF17	Y..63M ₁₋₄
4.60	302	4500	KFAF 27 KRF17	Y..63M ₁₋₄
5.20	266	4500	KF 27 KRF17	Y..63M ₁₋₄
5.80	236	4500	KFF 27 KRF17	Y..63M ₁₋₄
6.50	211	4500		
7.40	186	4500		
9.30	142	4500	KFA 27 KRF17	Y..63M ₁₋₄
11.0	124	4500	KFAF 27 KRF17	Y..63M ₁₋₄
			KF 27 KRF17	Y..63M ₁₋₄
			KFF 27 KRF17	Y..63M ₁₋₄
12.0	109	4500	KFA 27 KRF17	Y..71M ₁₋₄
14.0	96	4500	KFAF 27 KRF17	Y..71M ₁₋₄
			KF 27 KRF17	Y..71M ₁₋₄
			KFF 27 KRF17	Y..71M ₁₋₄
$M_{2max}=200Nm$				
0.17	8193	4290		
0.20	7064	4290		
0.21	6585	4290		
0.24	5756	4290		
0.28	4963	4290	KFA 37 KRF17	Y..63M ₁₋₄
0.31	4434	4290	KFAF 37 KRF17	Y..63M ₁₋₄
0.36	3875	4290	KF 37 KRF17	Y..63M ₁₋₄
0.41	3392	4290	KFF 37 KRF17	Y..63M ₁₋₄
0.47	2965	4290		
0.53	2587	4290		
0.60	2284	4290		
0.69	1997	4290		
0.72	1929	4290		
0.82	1679	4290		
0.89	1550	4290		
1.00	1356	4290		
1.20	1180	4290		
1.30	1044	4290	KFA 37 KRF17	Y..63M ₁₋₄
1.50	914	4290	KFAF 37 KRF17	Y..63M ₁₋₄
1.70	808	4290	KF 37 KRF17	Y..63M ₁₋₄
2.00	698	4290	KFF 37 KRF17	Y..63M ₁₋₄
2.20	616	4290		
2.50	544	4290		
3.00	466	4290		
3.40	411	4290		
3.80	364	4290		
4.20	326	4290	KFA 37 KRF17	Y..63M ₁₋₄
4.80	285	4290	KFAF 37 KRF17	Y..63M ₁₋₄
			KF 37 KRF17	Y..63M ₁₋₄
			KFF 37 KRF17	Y..63M ₁₋₄
5.30	250	4290	KFA 37 KRF17	Y..63M ₁₋₄
6.00	219	4290	KFAF 37 KRF17	Y..63M ₁₋₄
7.10	186	4290	KF 37 KRF17	Y..63M ₁₋₄
			KFF 37 KRF17	Y..63M ₁₋₄
7.80	167	4290	KFA 37 KRF17	Y..71M ₁₋₄
8.90	145	4290	KFAF 37 KRF17	Y..71M ₁₋₄
10.0	129	4290	KF 37 KRF17	Y..71M ₁₋₄
			KFF 37 KRF17	Y..71M ₁₋₄
$M_{2max}=400Nm$				
0.11	12251	5920		
0.13	10619	5920		
0.14	9846	5920		
0.16	8534	5920		
0.19	7460	5920		
0.21	6536	5920	KFA 47 KRF17	Y..63M ₁₋₄
0.24	5746	5920	KFAF 47 KRF17	Y..63M ₁₋₄
0.27	5022	5920	KF 47 KRF17	Y..63M ₁₋₄
0.31	4401	5920	KFF 47 KRF17	Y..63M ₁₋₄
0.36	3883	5920		
0.40	3443	5920		
0.46	2976	5920		
0.52	2629	5920		
0.55	2519	5920		
0.58	2394	5920		
0.64	2172	5920		
0.68	2025	5920		
0.78	1770	5920	KFA 47 KRF17	Y..63M ₁₋₄
0.88	1576	5920	KFAF 47 KRF17	Y..63M ₁₋₄
1.00	1363	5920	KF 47 KRF17	Y..63M ₁₋₄
1.20	1192	5920	KFF 47 KRF17	Y..63M ₁₋₄
1.30	1061	5920		
1.50	931	5920		
1.70	822	5920		
2.00	706	5920		

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n_2 [1/min]	i	F_r [N]	Frame size	Motor
$M_{2max}=400Nm$				
2.20	619	5920	KFA 47 KRF17	Y..63M ₁₋₄
			KFAF 47 KRF17	Y..63M ₁₋₄
			KF 47 KRF17	Y..63M ₁₋₄
			KFF 47 KRF17	Y..63M ₁₋₄
2.50	524	5920	KFA 47 KRF17	Y..63M ₁₋₄
2.70	489	5920	KFAF 47 KRF17	Y..63M ₁₋₄
3.10	427	5920	KF 47 KRF17	Y..63M ₁₋₄
3.50	381	5920	KFF 47 KRF17	Y..63M ₁₋₄
3.90	334	5920	KFA 47 KRF17	Y..71M ₁₋₄
			KFAF 47 KRF17	Y..71M ₁₋₄
			KF 47 KRF17	Y..71M ₁₋₄
			KFF 47 KRF17	Y..71M ₁₋₄
4.40	295	5920	KFA 47 KRF17	Y..71M ₁₋₄
5.10	253	5920	KFAF 47 KRF17	Y..71M ₁₋₄
6.40	217	5920	KFA 47 KRF17	Y..71M ₁₋₄
			KFAF 47 KRF17	Y..71M ₁₋₄
			KF 47 KRF17	Y..71M ₁₋₄
			KFF 47 KRF17	Y..71M ₁₋₄
7.30	190	5920	KFA 47 KRF17	Y..71M ₁₋₄
7.80	178	5920	KFAF 47 KRF17	Y..71M ₁₋₄
9.20	149	5920	KFA 47 KRF17	Y..80M ₁₋₄
			KFAF 47 KRF17	Y..80M ₁₋₄
			KF 47 KRF17	Y..80M ₁₋₄
			KFF 47 KRF17	Y..80M ₁₋₄
11.0	131	5920	KFA 47 KRF17	Y..80M ₁₋₄
$M_{2max}=600Nm$				
0.09	14832	9200		
0.10	13604	9200		
0.11	12602	9200		
0.12	11252	9200		
0.14	9986	9200		
0.16	8787	9200	KFA 57 KRF37	Y..63M ₁₋₄
0.17	7908	9200	KFAF 57 KRF37	Y..63M ₁₋₄
0.20	6913	9200	KF 57 KRF37	Y..63M ₁₋₄
0.23	6030	9200	KFF 57 KRF37	Y..63M ₁₋₄
0.26	5289	9200		
0.30	4654	9200		
0.34	4060	9200		
0.39	3564	9200		
0.44	3161	9200		
0.48	2854	9200		
0.54	2576	9200		
0.61	2266	9200		
0.69	2012	9200	KFA 57 KRF37	Y..63M ₁₋₄
0.77	1791	9200	KFAF 57 KRF37	Y..63M ₁₋₄
0.85	1617	9200	KF 57 KRF37	Y..63M ₁₋₄
0.97	1422	9200	KFF 57 KRF37	Y..63M ₁₋₄
1.10	1243	9200		
1.30	1066	9200		
1.40	949	9200		
1.60	856	9200		
1.80	749	9200	KFA 57 KRF37	Y..63M ₁₋₄
2.00	658	9200	KFAF 57 KRF37	Y..63M ₁₋₄
2.40	549	9200	KF 57 KRF37	Y..63M ₁₋₄
			KFF 57 KRF37	Y..63M ₁₋₄

n_2 [1/min]	i	F_r [N]	Frame size	Motor
$M_{2max}=600Nm$				
2.70	483	9200	KFA 57 KRF37	Y..71M ₁₋₄
			KFAF 57 KRF37	Y..71M ₁₋₄
			KF 57 KRF37	Y..71M ₁₋₄
			KFF 57 KRF37	Y..71M ₁₋₄
3.00	426	9200	KFA 57 KRF37	Y..71M ₁₋₄
3.40	382	9200	KFAF 57 KRF37	Y..71M ₁₋₄
4.20	330	9200	KFA 57 KRF37	Y..71M ₁₋₄
			KFAF 57 KRF37	Y..71M ₁₋₄
			KF 57 KRF37	Y..71M ₁₋₄
			KFF 57 KRF37	Y..71M ₁₋₄
4.60	298	9200	KFA 57 KRF37	Y..71M ₁₋₄
5.30	262	9200	KFAF 57 KRF37	Y..71M ₁₋₄
6.10	226	9200	KFA 57 KRF37	Y..80M ₁₋₄
			KFAF 57 KRF37	Y..80M ₁₋₄
			KF 57 KRF37	Y..80M ₁₋₄
			KFF 57 KRF37	Y..80M ₁₋₄
6.90	200	9200	KFA 57 KRF37	Y..80M ₁₋₄
8.40	170	9200	KFA 57 KRF37	Y..80M ₁₋₄
			KFAF 57 KRF37	Y..80M ₁₋₄
			KF 57 KRF37	Y..80M ₁₋₄
			KFF 57 KRF37	Y..80M ₁₋₄
9.40	152	9200	KFA 57 KRF37	Y..80M ₁₋₄
11.0	134	9200	KFAF 57 KRF37	Y..80M ₁₋₄
$M_{2max}=820Nm$				
0.07	19199	10300		
0.08	17610	10300		
0.09	14992	10300		
0.11	12926	10300		
0.12	11480	10300		
0.14	10220	10300		
0.15	8933	10300		
0.17	7940	10300	KFA 67 KRF37	Y..63M ₁₋₄
0.19	7096	10300	KFAF 67 KRF37	Y..63M ₁₋₄
0.23	6080	10300	KF 67 KRF37	Y..63M ₁₋₄
0.26	5341	10300	KFF 67 KRF37	Y..63M ₁₋₄
0.29	4690	10300		
0.34	4091	10300		
0.39	3574	10300		
0.44	3133	10300		
0.50	2756	10300		
0.57	2439	10300		
0.41	3377	10300		
0.47	2912	10300		
0.51	2714	10300	KFA 67 KRF37	Y..63M ₁₋₄
0.58	2372	10300	KFAF 67 KRF37	Y..63M ₁₋₄
0.65	2126	10300	KF 67 KRF37	Y..63M ₁₋₄
0.85	1631	10300	KFF 67 KRF37	Y..63M ₁₋₄
0.96	1437	10300		
1.10	1256	10300		
1.20	1126	10300	KFA 67 KRF37	Y..63M ₁₋₄
1.30	984	10300	KFAF 67 KRF37	Y..63M ₁₋₄
1.50	864	10300	KF 67 KRF37	Y..63M ₁₋₄
			KFF 67 KRF37	Y..63M ₁₋₄

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n_2 [1/min]	i	Fr [N]	Frame size	Motor
$M_{2max}=820Nm$				
1.80	722	10300	KFA 67 KRF37	Y..71M ₂ -4
2.00	634	10300	KFAF 67 KRF37	Y..71M ₂ -4
2.40	539	10300	KF 67 KRF37	Y..71M ₂ -4
			KFF 67 KRF37	Y..71M ₂ -4
0.73	1884	10300	KFA 67 KRF37	Y..63M ₂ -4
			KFAF 67 KRF37	Y..63M ₂ -4
			KF 67 KRF37	Y..63M ₂ -4
			KFF 67 KRF37	Y..63M ₂ -4
2.60	500	10300	KFA 67 KRF37	Y..71M ₂ -4
			KFAF 67 KRF37	Y..71M ₂ -4
			KF 67 KRF37	Y..71M ₂ -4
			KFF 67 KRF37	Y..71M ₂ -4
3.00	454	10300	KFA 67 KRF37	Y..71M ₂ -4
3.50	392	10300	KFAF 67 KRF37	Y..71M ₂ -4
			KF 67 KRF37	Y..71M ₂ -4
			KFF 67 KRF37	Y..71M ₂ -4
4.10	333	10300	KFA 67 KRF37	Y..80M ₂ -4
4.60	297	10300	KFAF 67 KRF37	Y..80M ₂ -4
5.30	261	10300	KF 67 KRF37	Y..80M ₂ -4
5.80	238	10300	KFF 67 KRF37	Y..80M ₂ -4
7.20	200	10300	KFA 67 KRF37	Y..80M ₂ -4
			KFAF 67 KRF37	Y..80M ₂ -4
			KF 67 KRF37	Y..80M ₂ -4
			KFF 67 KRF37	Y..80M ₂ -4
$M_{2max}=1500Nm$				
0.07	19180	15700		
0.08	17593	15700		
0.09	16128	15700		
0.09	14978	15700		
0.10	13731	15700		
0.11	12049	15700	KFA 77 KRF37	Y..63M ₂ -4
0.13	11035	15700	KFAF 77 KRF37	Y..63M ₂ -4
0.14	9683	15700	KF 77 KRF37	Y..63M ₂ -4
0.16	8464	15700	KFF 77 KRF37	Y..63M ₂ -4
0.18	7520	15700		
0.21	6580	15700		
0.24	5808	15700		
0.27	5026	15700		
0.31	4435	15700	KFA 77 KRF37	Y..63M ₂ -4
0.36	3832	15700	KFAF 77 KRF37	Y..63M ₂ -4
0.46	2978	15700	KF 77 KRF37	Y..63M ₂ -4
0.53	2613	15700	KFF 77 KRF37	Y..63M ₂ -4
0.60	2284	15700		
0.65	2029	15700	KFA 77 KRF37	Y..63M ₂ -4
0.76	1728	15700	KFAF 77 KRF37	Y..63M ₂ -4
0.86	1544	15700	KF 77 KRF37	Y..63M ₂ -4
0.98	1354	15700	KFF 77 KRF37	Y..63M ₂ -4
1.10	1200	15700	KFA 77 KRF37	Y..71M ₂ -4
1.20	1053	15700	KFAF 77 KRF37	Y..71M ₂ -4
			KF 77 KRF37	Y..71M ₂ -4
			KFF 77 KRF37	Y..71M ₂ -4

n_2 [1/min]	i	Fr [N]	Frame size	Motor
$M_{2max}=1500Nm$				
1.50	910	15700	KFA 77 KRF37	Y..71M ₂ -4
1.70	810	15700	KFAF 77 KRF37	Y..71M ₂ -4
1.90	710	15700	KF 77 KRF37	Y..71M ₂ -4
			KFF 77 KRF37	Y..71M ₂ -4
2.20	615	15700	KFA 77 KRF37	Y..80M ₂ -4
2.60	538	15700	KFAF 77 KRF37	Y..80M ₂ -4
2.90	480	15700	KF 77 KRF37	Y..80M ₂ -4
			KFF 77 KRF37	Y..80M ₂ -4
3.50	413	15700	KFA 77 KRF37	Y..80M ₂ -4
3.90	367	15700	KFAF 77 KRF37	Y..80M ₂ -4
			KF 77 KRF37	Y..80M ₂ -4
			KFF 77 KRF37	Y..80M ₂ -4
4.40	323	15700	KFA 77 KRF37	Y..90S-4
			KFAF 77 KRF37	Y..90S-4
			KF 77 KRF37	Y..90S-4
			KFF 77 KRF37	Y..90S-4
$M_{2max}=3000Nm$				
0.06	23042	19800		
0.07	20462	19800		
0.08	18238	19800		
0.09	15877	19800		
0.10	14099	19800		
0.11	12205	19800	KFA 87 KRF57	Y..63M ₂ -4
0.13	10433	19800	KFAF 87 KRF57	Y..63M ₂ -4
0.15	9381	19800	KF 87 KRF57	Y..63M ₂ -4
0.17	8142	19800	KFF 87 KRF57	Y..63M ₂ -4
0.19	7100	19800		
0.22	6273	19800		
0.25	5510	19800		
0.28	4954	19800		
0.31	4245	19800	KFA 87 KRF57	Y..63M ₂ -4
0.35	3721	19800	KFAF 87 KRF57	Y..63M ₂ -4
0.41	3244	19800	KF 87 KRF57	Y..63M ₂ -4
0.46	2881	19800	KFF 87 KRF57	Y..63M ₂ -4
0.50	2576	19800	KFA 87 KRF57	Y..71M ₂ -4
0.59	2199	19800	KFAF 87 KRF57	Y..71M ₂ -4
0.67	1930	19800	KF 87 KRF57	Y..71M ₂ -4
			KFF 87 KRF57	Y..71M ₂ -4
0.81	1709	19800	KFA 87 KRF57	Y..71M ₂ -4
0.92	1493	19800	KFAF 87 KRF57	Y..71M ₂ -4
			KF 87 KRF57	Y..71M ₂ -4
			KFF 87 KRF57	Y..71M ₂ -4
1.10	1300	19800	KFA 87 KRF57	Y..80M ₂ -4
1.20	1148	19800	KFAF 87 KRF57	Y..80M ₂ -4
1.40	1010	19800	KF 87 KRF57	Y..80M ₂ -4
1.60	887	19800	KFF 87 KRF57	Y..80M ₂ -4
1.80	780	19800	KFA 87 KRF57	Y..80M ₂ -4
2.10	674	19800	KFAF 87 KRF57	Y..80M ₂ -4
			KF 87 KRF57	Y..80M ₂ -4
			KFF 87 KRF57	Y..80M ₂ -4

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n_2 [1/min]	i	F_r [N]	Frame size	Motor
$M_{2max}=3000Nm$				
2.30	609	19800	KFA 87 KRF57	Y..90S-4
2.80	515	19800	KFAF 87 KRF57	Y..90S-4
3.10	452	19800	KF 87 KRF57	Y..90S-4
			KFF 87 KRF57	Y..90S-4
4.10	345	19800	KFA 87 KRF57	Y..90L-4
			KFAF 87 KRF57	Y..90L-4
			KF 87 KRF57	Y..90L-4
			KFF 87 KRF57	Y..90L-4
$M_{2max}=4300Nm$				
0.07	20183	29900		
0.08	18119	29900		
0.09	15472	29900		
0.10	14022	29900	KFA 97 KRF57	Y..63M ₁ -4
0.11	12324	29900	KFAF 97 KRF57	Y..63M ₁ -4
0.13	10838	29900	KF 97 KRF57	Y..63M ₁ -4
0.14	9576	29900	KFF 97 KRF57	Y..63M ₁ -4
0.17	8318	29900		
0.19	7328	29900		
0.20	6469	29900	KFA 97 KRF57	Y..63M ₁ -4
0.24	5615	29900	KFAF 97 KRF57	Y..63M ₁ -4
0.27	4961	29900	KF 97 KRF57	Y..63M ₁ -4
0.30	4333	29900	KFF 97 KRF57	Y..63M ₁ -4
0.34	3906	29900		
0.39	3352	29900	KFA 97 KRF57	Y..71M ₁ -4
0.45	2907	29900	KFAF 97 KRF57	Y..71M ₁ -4
			KF 97 KRF57	Y..71M ₁ -4
			KFF 97 KRF57	Y..71M ₁ -4
0.54	2553	29900	KFA 97 KRF57	Y..71M ₁ -4
0.61	2245	29900	KFAF 97 KRF57	Y..71M ₁ -4
0.70	1970	29900	KF 97 KRF57	Y..71M ₁ -4
			KFF 97 KRF57	Y..71M ₁ -4
0.80	1722	29900	KFA 97 KRF57	Y..80M ₁ -4
0.90	1527	29900	KFAF 97 KRF57	Y..80M ₁ -4
1.00	1327	29900	KF 97 KRF57	Y..80M ₁ -4
			KFF 97 KRF57	Y..80M ₁ -4
1.20	1171	29900	KFA 97 KRF57	Y..80M ₁ -4
1.40	1022	29900	KFAF 97 KRF57	Y..80M ₁ -4
			KF 97 KRF57	Y..80M ₁ -4
			KFF 97 KRF57	Y..80M ₁ -4
1.60	898	29900	KFA 97 KRF57	Y..90S-4
1.80	784	29900	KFAF 97 KRF57	Y..90S-4
2.10	690	29900	KF 97 KRF57	Y..90S-4
			KFF 97 KRF57	Y..90S-4
2.40	605	29900	KFA 97 KRF57	Y..90L-4
2.70	529	29900	KFAF 97 KRF57	Y..90L-4
3.10	467	29900	KF 97 KRF57	Y..90L-4
			KFF 97 KRF57	Y..90L-4

n_2 [1/min]	i	F_r [N]	Frame size	Motor
$M_{2max}=600Nm$				
3.50	406	29900	KFA 97 KRF57	Y..100L ₁ -4
3.90	363	29900	KFAF 97 KRF57	Y..100L ₁ -4
			KF 97 KRF57	Y..100L ₁ -4
			KFF 97 KRF57	Y..100L ₁ -4
5.10	285	29900	KFA 97 KRF57	Y..100L ₁ -4
6.00	245	29900	KFAF 97 KRF57	Y..100L ₁ -4
			KF 97 KRF57	Y..100L ₁ -4
			KFF 97 KRF57	Y..100L ₁ -4
$M_{2max}=7680Nm$				
0.05	25375	49800	KFA 107 KRF77	Y..63M ₁ -4
0.06	21652	49800	KFAF 107 KRF77	Y..63M ₁ -4
0.07	18933	49800	KF 107 KRF77	Y..63M ₁ -4
0.08	16888	49800	KFF 107 KRF77	Y..63M ₁ -4
0.09	14767	49800		
0.12	11348	49800	KFA 107 KRF77	Y..63M ₁ -4
0.13	10039	49800	KFAF 107 KRF77	Y..63M ₁ -4
0.15	8548	49800	KF 107 KRF77	Y..63M ₁ -4
0.17	7674	49800	KFF 107 KRF77	Y..63M ₁ -4
0.19	6767	9800	KFA 107 KRF77	Y..71M ₁ -4
0.22	5954	49800	KFAF 107 KRF77	Y..71M ₁ -4
0.25	5223	49800	KF 107 KRF77	Y..71M ₁ -4
			KFF 107 KRF77	Y..71M ₁ -4
0.30	4567	49800	KFA 107 KRF77	Y..71M ₁ -4
0.39	3521	49800	KFAF 107 KRF77	Y..71M ₁ -4
			KF 107 KRF77	Y..71M ₁ -4
			KFF 107 KRF77	Y..71M ₁ -4
0.45	3037	49800	KFA 107 KRF77	Y..80M ₁ -4
0.50	2756	49800	KFAF 107 KRF77	Y..80M ₁ -4
0.58	2369	49800	KF 107 KRF77	Y..80M ₁ -4
			KFF 107 KRF77	Y..80M ₁ -4
0.69	2068	49800	KFA 107 KRF77	Y..80M ₁ -4
0.79	1826	49800	KFAF 107 KRF77	Y..80M ₁ -4
			KF 107 KRF77	Y..80M ₁ -4
			KFF 107 KRF77	Y..80M ₁ -4
0.89	1597	49800	KFA 107 KRF77	Y..90S-4
1.00	1401	49800	KFAF 107 KRF77	Y..90S-4
1.10	1243	49800	KF 107 KRF77	Y..90S-4
			KFF 107 KRF77	Y..90S-4
1.30	1087	49800	KFA 107 KRF77	Y..90L-4
1.50	950	49800	KFAF 107 KRF77	Y..90L-4
			KF 107 KRF77	Y..90L-4
			KFF 107 KRF77	Y..90L-4
1.70	834	49800	KFA 107 KRF77	Y..100L ₁ -4
1.90	736	49800	KFAF 107 KRF77	Y..100L ₁ -4
2.20	640	49800	KF 107 KRF77	Y..100L ₁ -4
			KFF 107 KRF77	Y..100L ₁ -4

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n_2 [1/min]	i	F_r [N]	Frame size	Motor
$M_{2max}=7680Nm$				
2.60	560	49800	KFA 107 KRF77	Y..100L ₂ -4
3.00	489	49800	KFAF 107 KRF77	Y..100L ₂ -4
3.30	436	49800	KF 107 KRF77	Y..100L ₂ -4
			KFF 107 KRF77	Y..100L ₂ -4
4.00	370	49800	KFA 107 KRF77	Y..112M-4
4.40	333	49800	KFAF 107 KRF77	Y..112M-4
			KF 107 KRF77	Y..112M-4
			KFF 107 KRF77	Y..112M-4
$M_{2max}=12000Nm$				
0.06	24478	90000	KFA 127 KRF77	Y..63M ₁ -4
0.06	22323	90000	KFAF 127 KRF77	Y..63M ₁ -4
			KF 127 KRF77	Y..63M ₁ -4
			KFF 127 KRF77	Y..63M ₁ -4
0.07	19048	90000	KFA 127 KRF77	Y..63M ₁ -4
0.08	16656	90000	KFAF 127 KRF77	Y..63M ₁ -4
0.09	14722	90000	KF 127 KRF77	Y..63M ₁ -4
0.10	12912	90000	KF 127 KRF77	Y..63M ₁ -4
0.11	11656	90000	KFF 127 KRF77	Y..63M ₁ -4
0.13	10191	90000	KFA 127 KRF77	Y..71M ₁ -4
0.15	8831	90000	KFAF 127 KRF77	Y..71M ₁ -4
			KF 127 KRF77	Y..71M ₁ -4
			KFF 127 KRF77	Y..71M ₁ -4
0.18	7643	90000	KFA 127 KRF77	Y..71M ₁ -4
0.21	6715	90000	KFAF 127 KRF77	Y..71M ₁ -4
0.23	5925	90000	KF 127 KRF77	Y..71M ₁ -4
			KFF 127 KRF77	Y..71M ₁ -4
0.27	5153	90000	KFA 127 KRF77	Y..80M ₁ -4
0.30	4533	90000	KFAF 127 KRF77	Y..80M ₁ -4
0.35	3926	90000	KF 127 KRF77	Y..80M ₁ -4
			KFF 127 KRF77	Y..80M ₁ -4
0.42	3454	90000	KFA 127 KRF77	Y..80M ₁ -4
0.47	3031	90000	KFAF 127 KRF77	Y..80M ₁ -4
0.54	2672	90000	KF 127 KRF77	Y..80M ₁ -4
			KFF 127 KRF77	Y..80M ₁ -4
0.60	2357	90000	KFA 127 KRF77	Y..90S-4
0.70	2038	90000	KFAF 127 KRF77	Y..90S-4
0.80	1784	90000	KF 127 KRF77	Y..90S-4
			KFF 127 KRF77	Y..90S-4
0.89	1606	90000	KFA 127 KRF77	Y..90L-4
1.00	1390	90000	KFAF 127 KRF77	Y..90L-4
			KF 127 KRF77	Y..90L-4
			KFF 127 KRF77	Y..90L-4
1.20	1220	90000	KFA 127 KRF77	Y..100L ₁ -4
1.30	1077	90000	KFAF 127 KRF77	Y..100L ₁ -4
1.50	930	90000	KF 127 KRF77	Y..100L ₁ -4
			KFF 127 KRF77	Y..100L ₁ -4

n_2 [1/min]	i	F_r [N]	Frame size	Motor
$M_{2max}=12000Nm$				
1.80	820	90000	KFA 127 KRF77	Y..100L ₂ -4
2.00	727	90000	KFAF 127 KRF77	Y..100L ₂ -4
			KF 127 KRF77	Y..100L ₂ -4
			KFF 127 KRF77	Y..100L ₂ -4
2.20	648	90000	KFA 127 KRF77	Y..112M-4
2.70	549	90000	KFAF 127 KRF77	Y..112M-4
3.00	495	90000	KF 127 KRF77	Y..112M-4
			KFF 127 KRF77	Y..112M-4
3.40	428	90000	KFA 127 KRF77	Y..132S-4
3.90	376	90000	KFAF 127 KRF77	Y..132S-4
			KF 127 KRF77	Y..132S-4
			KFF 127 KRF77	Y..132S-4
3.00	483	90000	KFA 127 KRF77	Y..132S-4
3.50	418	90000	KFAF 127 KRF77	Y..132S-4
3.90	374	90000	KF 127 KRF77	Y..132S-4
			KFF 127 KRF77	Y..132S-4
4.70	312	90000	KFA 127 KRF77	Y..132M-4
5.00	293	90000	KFAF 127 KRF77	Y..132M-4
			KF 127 KRF77	Y..132M-4
			KFF 127 KRF77	Y..132M-4
7.50	198	90000	KFA 127 KRF77	Y..160M-4
			KFAF 127 KRF77	Y..160M-4
			KF 127 KRF77	Y..160M-4
			KFF 127 KRF77	Y..160M-4
$M_{2max}=18000Nm$				
0.04	31434	100300		
0.05	26173	100300		
0.06	23464	100300	KFA 157 KRF97	Y..80M ₁ -4
0.07	20212	100300	KFAF 157 KRF97	Y..80M ₁ -4
0.08	17984	100300	KF 157 KRF97	Y..80M ₁ -4
0.08	16358	100300	KFF 157 KRF97	Y..80M ₁ -4
0.10	13751	100300		
0.11	12235	100300		
0.14	10033	100300	KFA 157 KRF97	Y..80M ₁ -4
0.16	9021	100300	KFAF 157 KRF97	Y..80M ₁ -4
0.18	8026	100300	KF 157 KRF97	Y..80M ₁ -4
			KFF 157 KRF97	Y..80M ₁ -4
0.20	7075	100300	KFA 157 KRF97	Y..80M ₁ -4
0.22	6295	100300	KFAF 157 KRF97	Y..80M ₁ -4
			KF 157 KRF97	Y..80M ₁ -4
			KFF 157 KRF97	Y..80M ₁ -4
0.27	5404	100300	KFA 157 KRF97	Y..80M ₁ -4
0.30	4831	100300	KFAF 157 KRF97	Y..80M ₁ -4
			KF 157 KRF97	Y..80M ₁ -4
			KFF 157 KRF97	Y..80M ₁ -4
0.34	4130	100300	KFA 157 KRF97	Y..90S-4
			KFAF 157 KRF97	Y..90S-4
			KF 157 KRF97	Y..90S-4
			KFF 157 KRF97	Y..90S-4

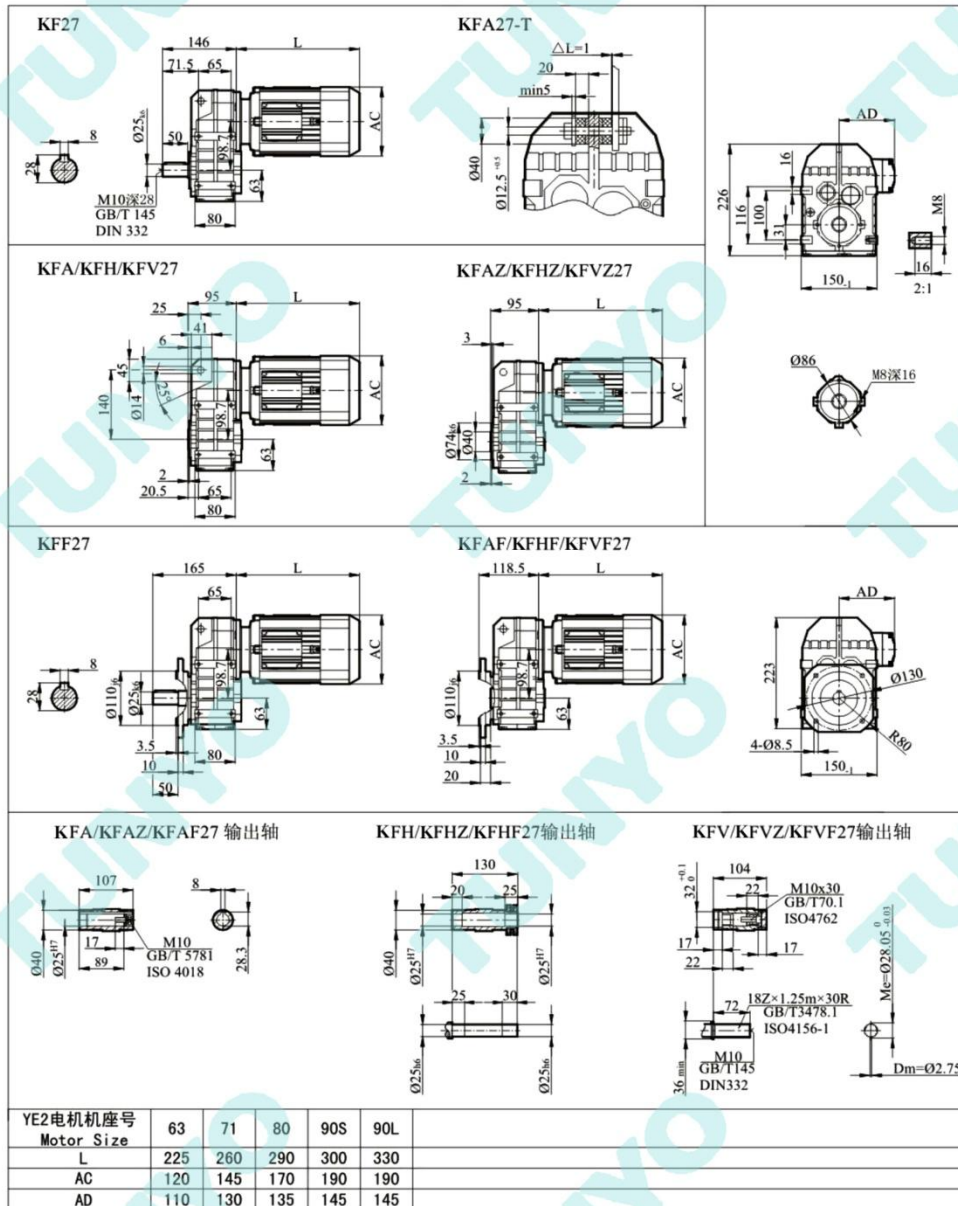
K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n_2 [1/min]	i	Fr [N]	Frame size	Motor
$M_{2max}=18000Nm$				
0.40	3607	100300	KFA 157 KRF97	Y..100L ₂ -4
0.44	3210	100300	KFAF 157 KRF97	Y..100L ₂ -4
			KF 157 KRF97	Y..100L ₂ -4
			KFF 157 KRF97	Y..100L ₂ -4
0.51	2780	100300	KFA 157 KRF97	Y..90L-4
			KFAF 157 KRF97	Y..90L-4
			KF 157 KRF97	Y..90L-4
			KFF 157 KRF97	Y..90L-4
0.99	1441	100300	KFA 157 KRF97	Y..100L ₂ -4
			KFAF 157 KRF97	Y..100L ₂ -4
			KF 157 KRF97	Y..100L ₂ -4
			KFF 157 KRF97	Y..100L ₂ -4
0.59	2427	100300	KFA 157 KRF97	Y..90L-4
			KFAF 157 KRF97	Y..90L-4
			KF 157 KRF97	Y..90L-4
0.65	2185	100300	KFA 157 KRF97	Y..90L-4
			KFAF 157 KRF97	Y..90L-4
			KF 157 KRF97	Y..90L-4
0.73	1944	100300	KFA 157 KRF97	Y..100L ₂ -4
			KFAF 157 KRF97	Y..100L ₂ -4
			KF 157 KRF97	Y..100L ₂ -4
			KFF 157 KRF97	Y..100L ₂ -4
0.85	1674	100300	KFA 157 KRF97	Y..100L ₂ -4
			KFAF 157 KRF97	Y..100L ₂ -4
			KF 157 KRF97	Y..100L ₂ -4
			KFF 157 KRF97	Y..100L ₂ -4
1.10	1308	100300	KFA 157 KRF97	Y..100L ₂ -4
			KFAF 157 KRF97	Y..100L ₂ -4
			KF 157 KRF97	Y..100L ₂ -4
1.20	1169	100300	KFA 157 KRF97	Y..100L ₂ -4
			KFAF 157 KRF97	Y..100L ₂ -4
			KF 157 KRF97	Y..100L ₂ -4

n_2 [1/min]	i	Fr [N]	Frame size	Motor
$M_{2max}=18000Nm$				
1.50	953	100300	KFA 157 KRF97	Y..112M-4
1.70	845	100300	KFAF 157 KRF97	Y..112M-4
			KF 157 KRF97	Y..112M-4
1.90	764	100300	KFA 157 KRF97	Y..112M-4
			KFAF 157 KRF97	Y..112M-4
			KF 157 KRF97	Y..112M-4
2.10	680	100300	KFA 157 KRF97	Y..132S-4
			KFAF 157 KRF97	Y..132S-4
2.50	576	100300	KFA 157 KRF97	Y..132S-4
			KFAF 157 KRF97	Y..132S-4
			KF 157 KRF97	Y..132S-4
2.90	503	100300	KFA 157 KRF97	Y..132M-4
			KFAF 157 KRF97	Y..132M-4
			KF 157 KRF97	Y..132M-4
			KFF 157 KRF97	Y..132M-4
3.30	446	100300	KFA 157 KRF97	Y..132M-4
			KFAF 157 KRF97	Y..132M-4
			KF 157 KRF97	Y..132M-4
4.90	302	100300	KFA 157 KRF97	Y..160M-4
			KFAF 157 KRF97	Y..160M-4
			KF 157 KRF97	Y..160M-4
			KFF 157 KRF97	Y..160M-4
5.40	273	100300	KFA 157 KRF97	Y..160M-4
			KFAF 157 KRF97	Y..160M-4
			KF 157 KRF97	Y..160M-4
6.30	232	100300	KFA 157 KRF97	Y..160L-4
			KFAF 157 KRF97	Y..160L-4
			KF 157 KRF97	Y..160L-4
			KFF 157 KRF97	Y..160L-4
7.20	202	100300	KFA 157 KRF97	Y..160L-4
			KFAF 157 KRF97	Y..160L-4
			KF 157 KRF97	Y..160L-4
			KFF 157 KRF97	Y..160L-4
7.50	197	100300	KFA 157 KRF97	Y..180M-4
			KFAF 157 KRF97	Y..180M-4
			KF 157 KRF97	Y..180M-4
			KFF 157 KRF97	Y..180M-4

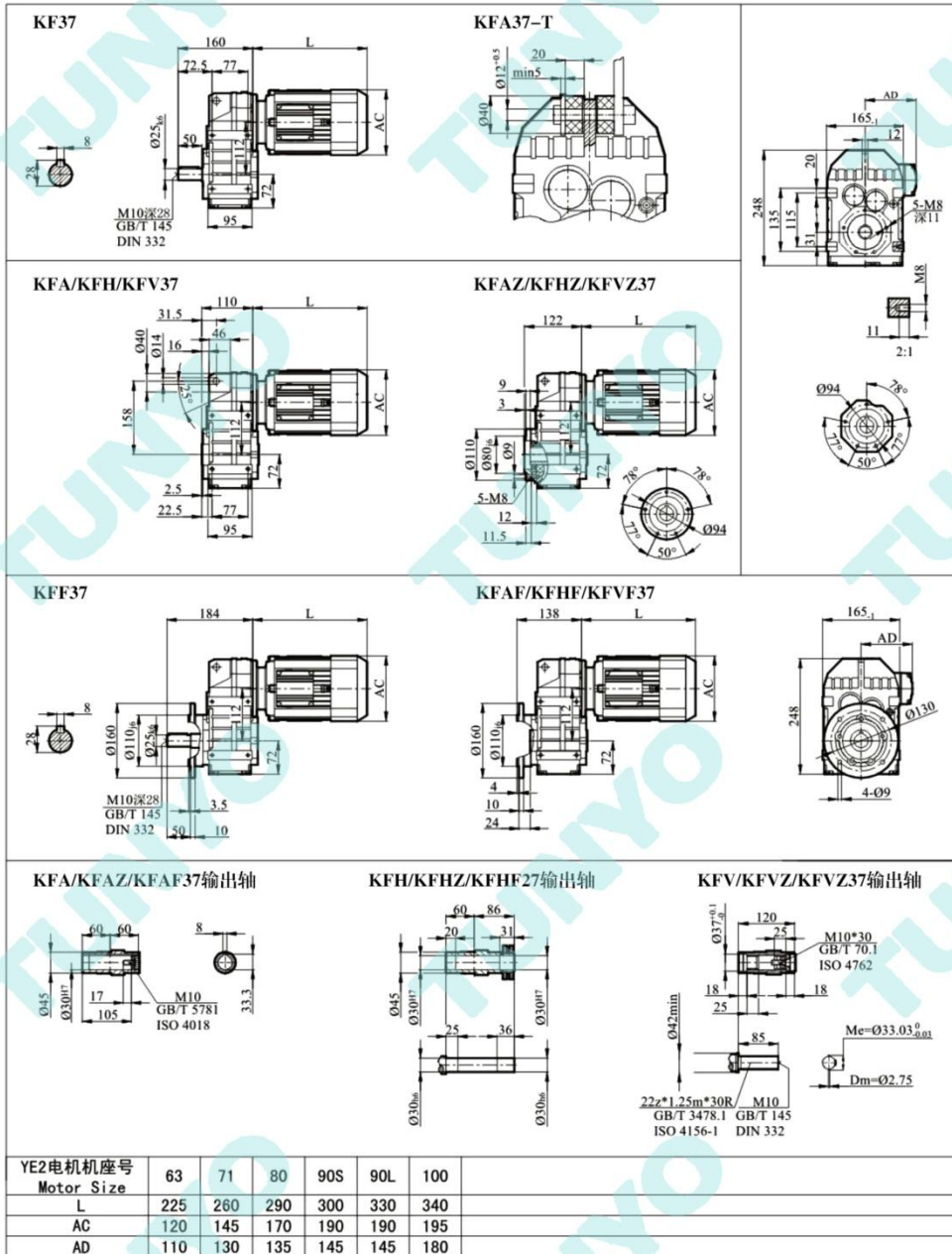
K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

3.9 外形尺寸 / Dimensions



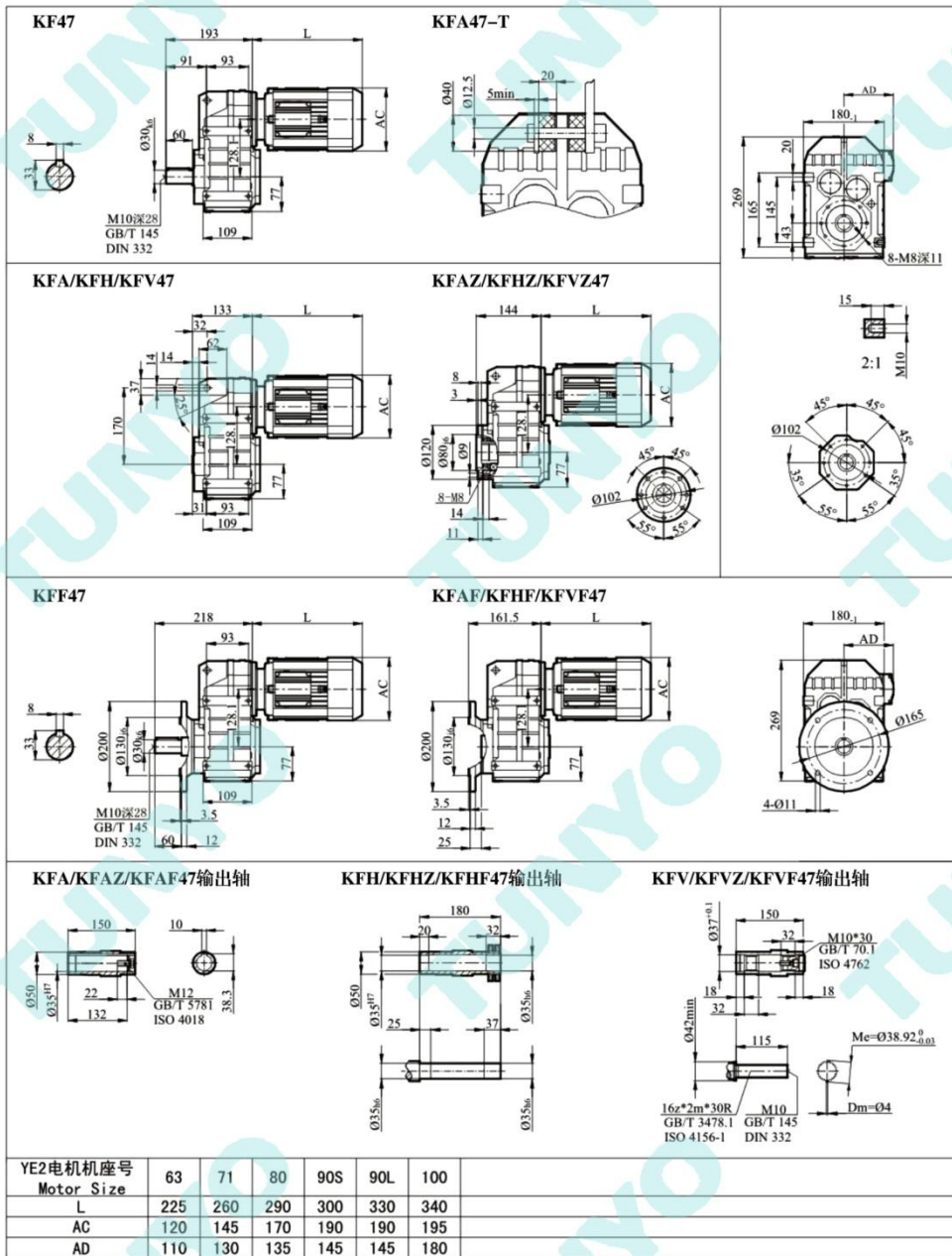
K系列斜齒輪減速電機

K Series Helical Gear Reduction Motor



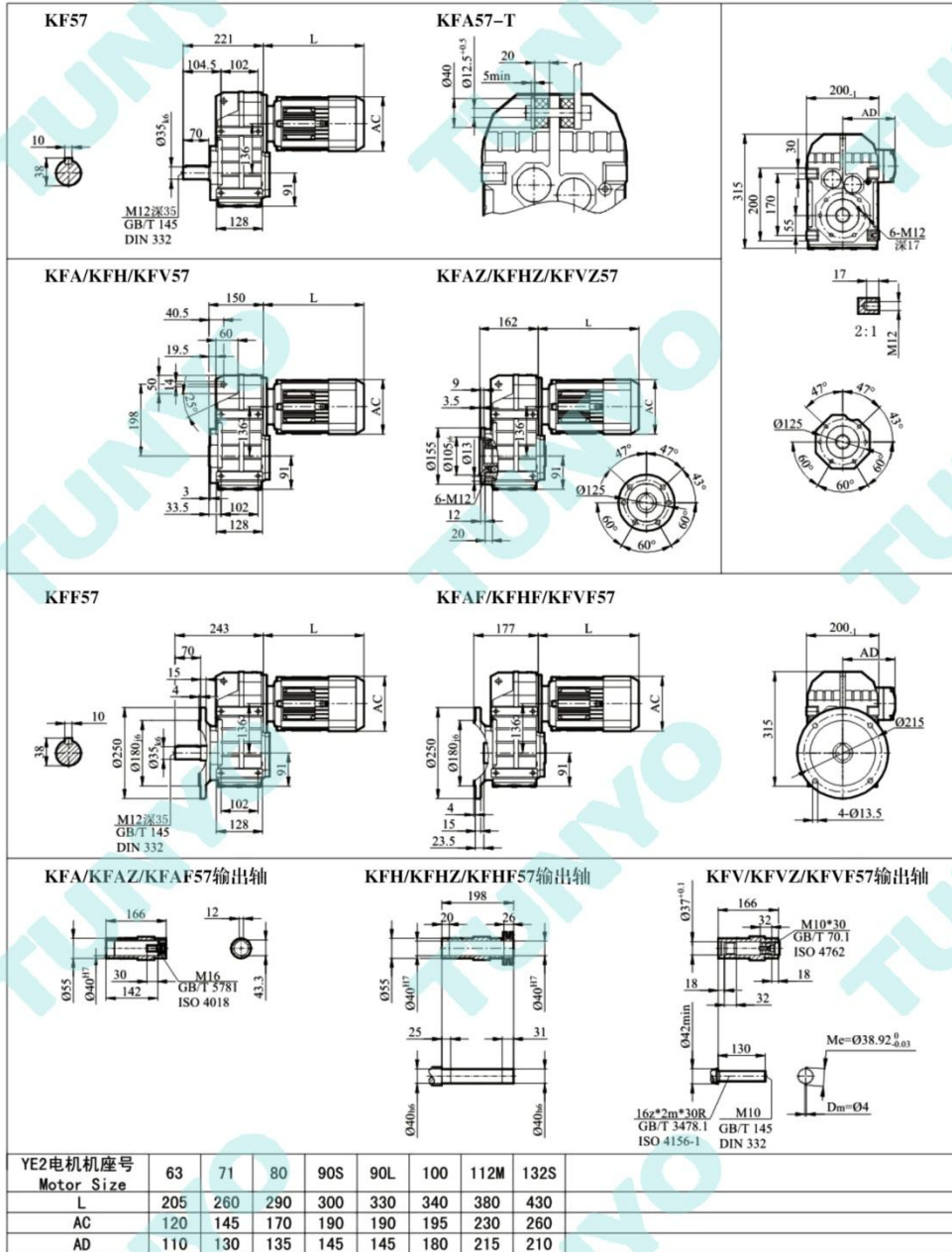
K系列斜齒輪減速電機

K Series Helical Gear Reduction Motor



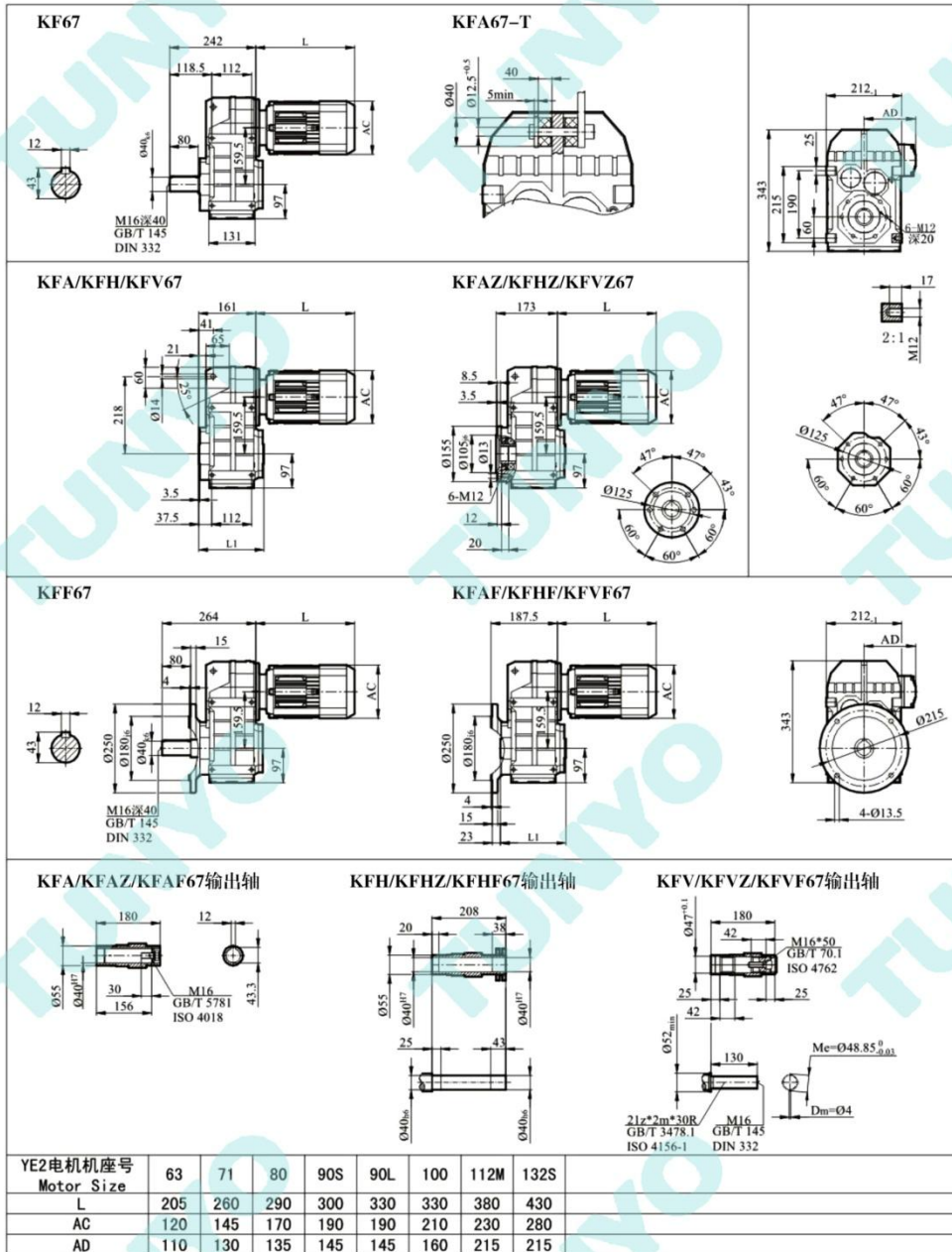
K系列斜齿輪減速電機

K Series Helical Gear Reduction Motor



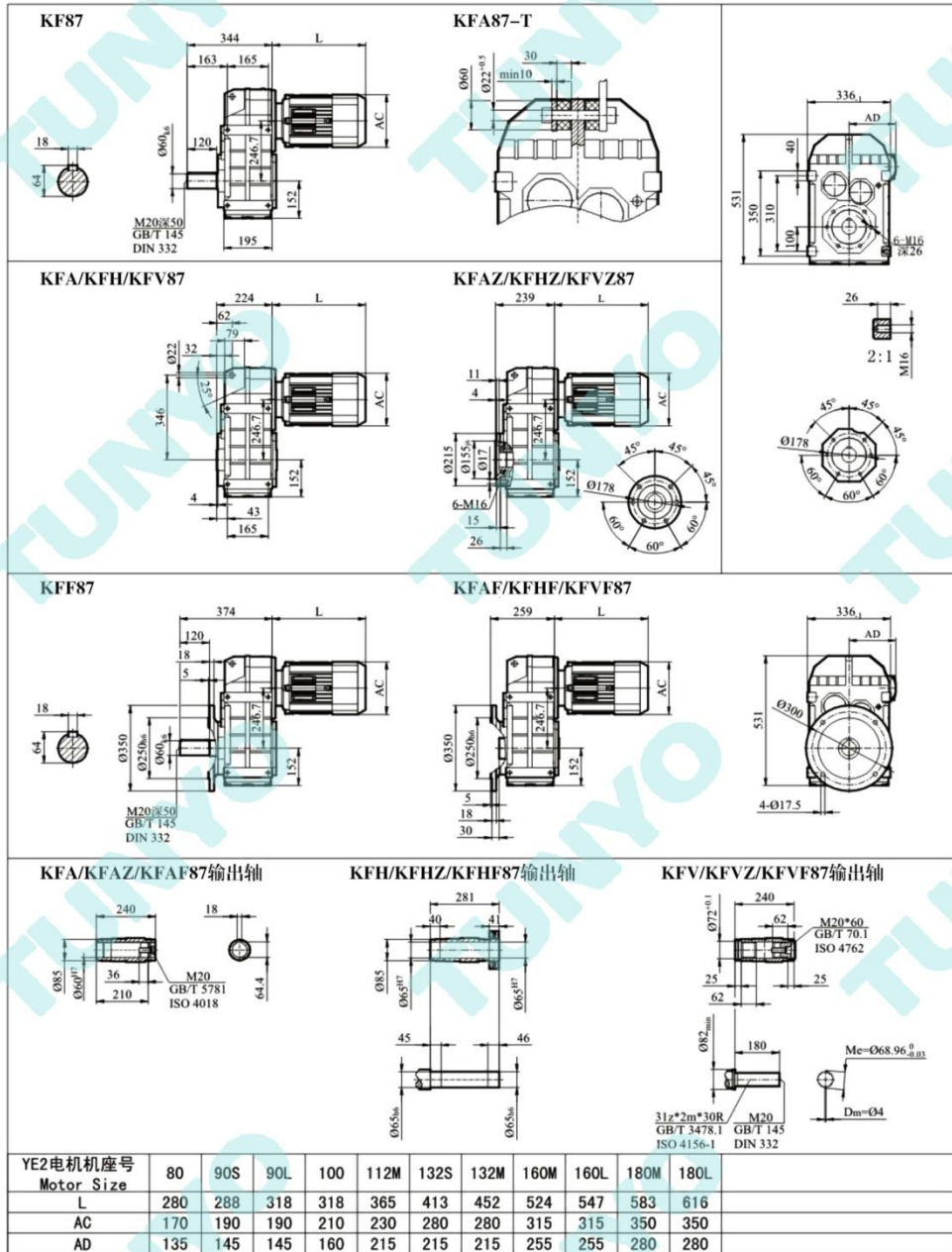
K系列斜齒輪減速電機

K Series Helical Gear Reduction Motor



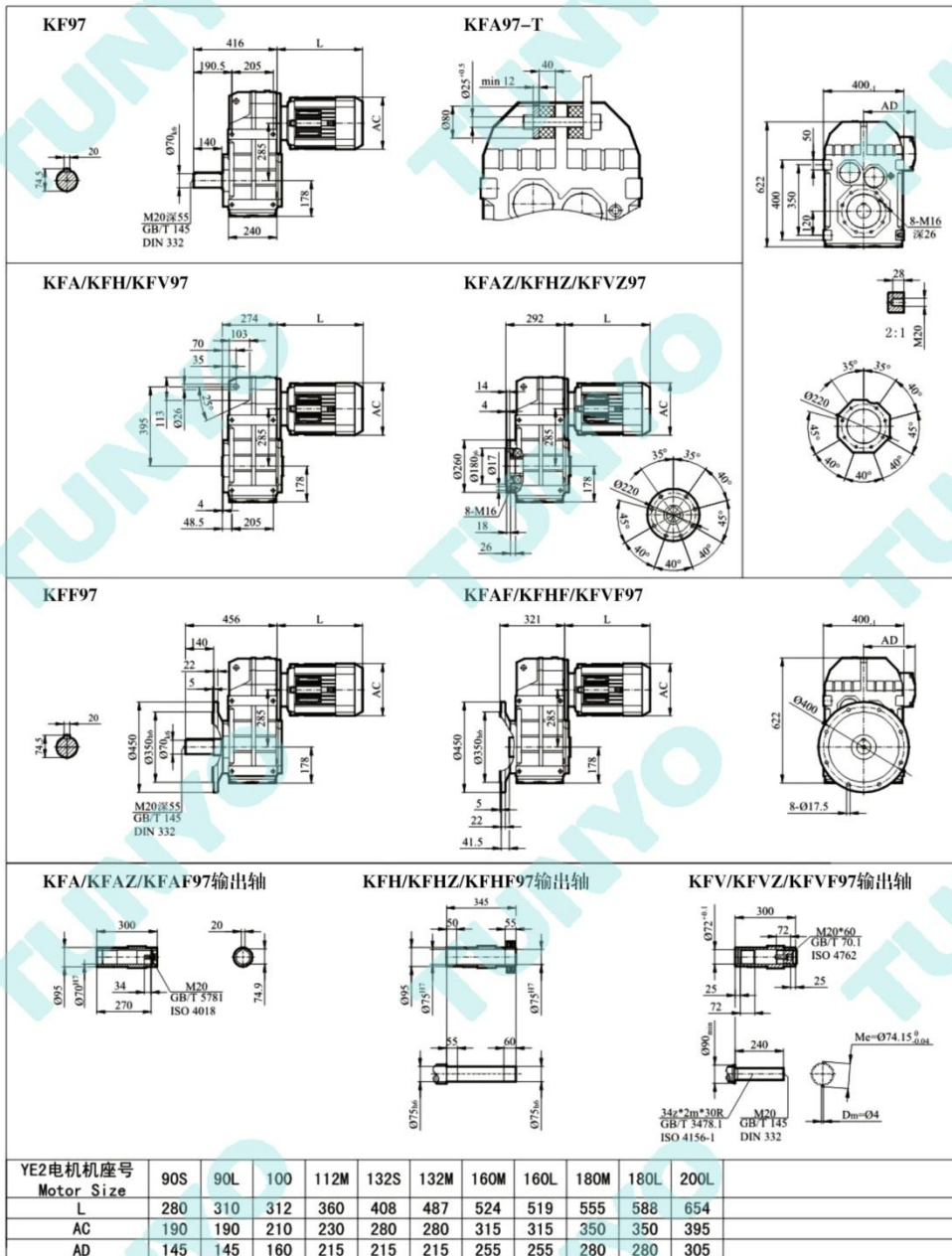
K系列斜齒輪減速電機

K Series Helical Gear Reduction Motor



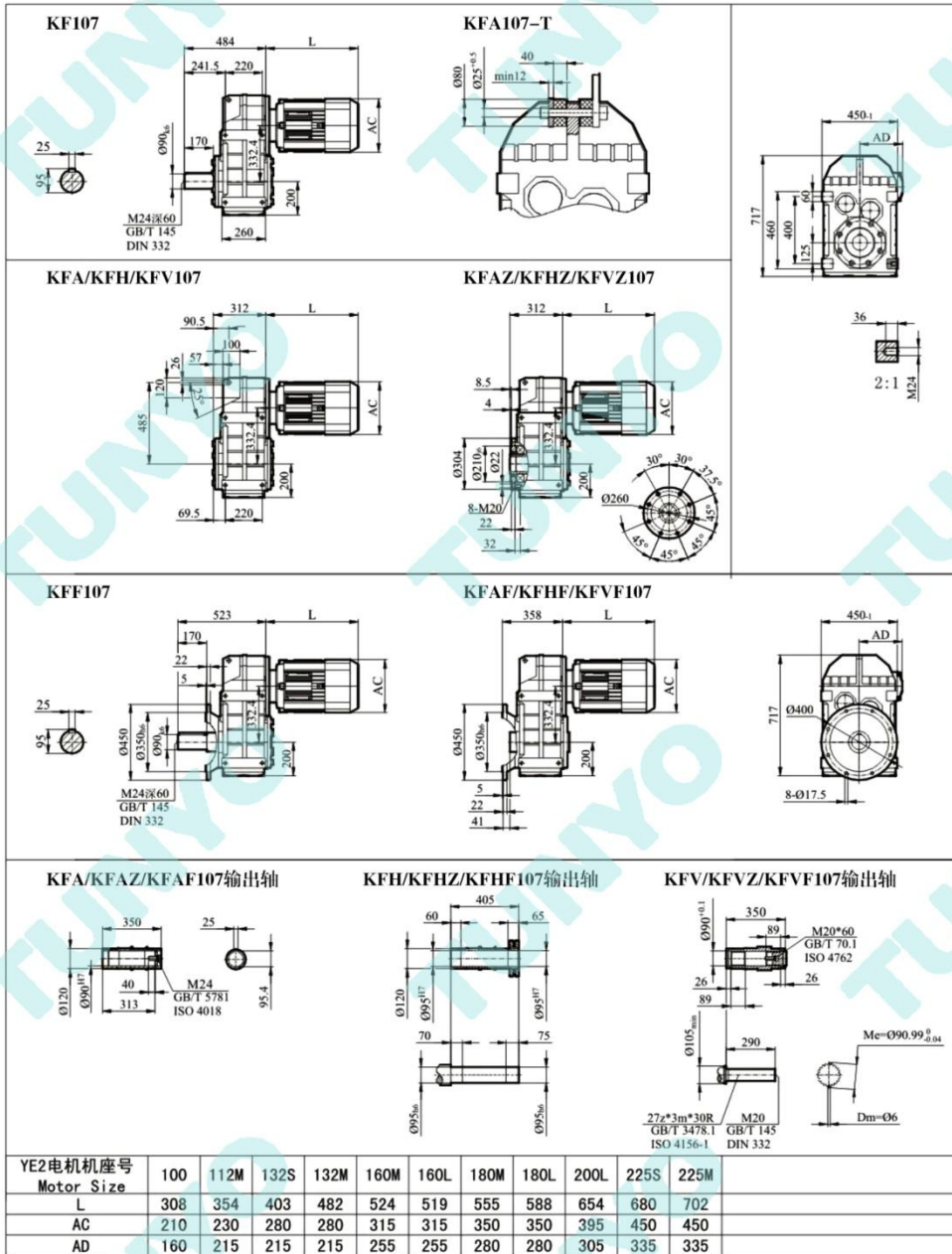
K系列斜齒輪減速電機

K Series Helical Gear Reduction Motor



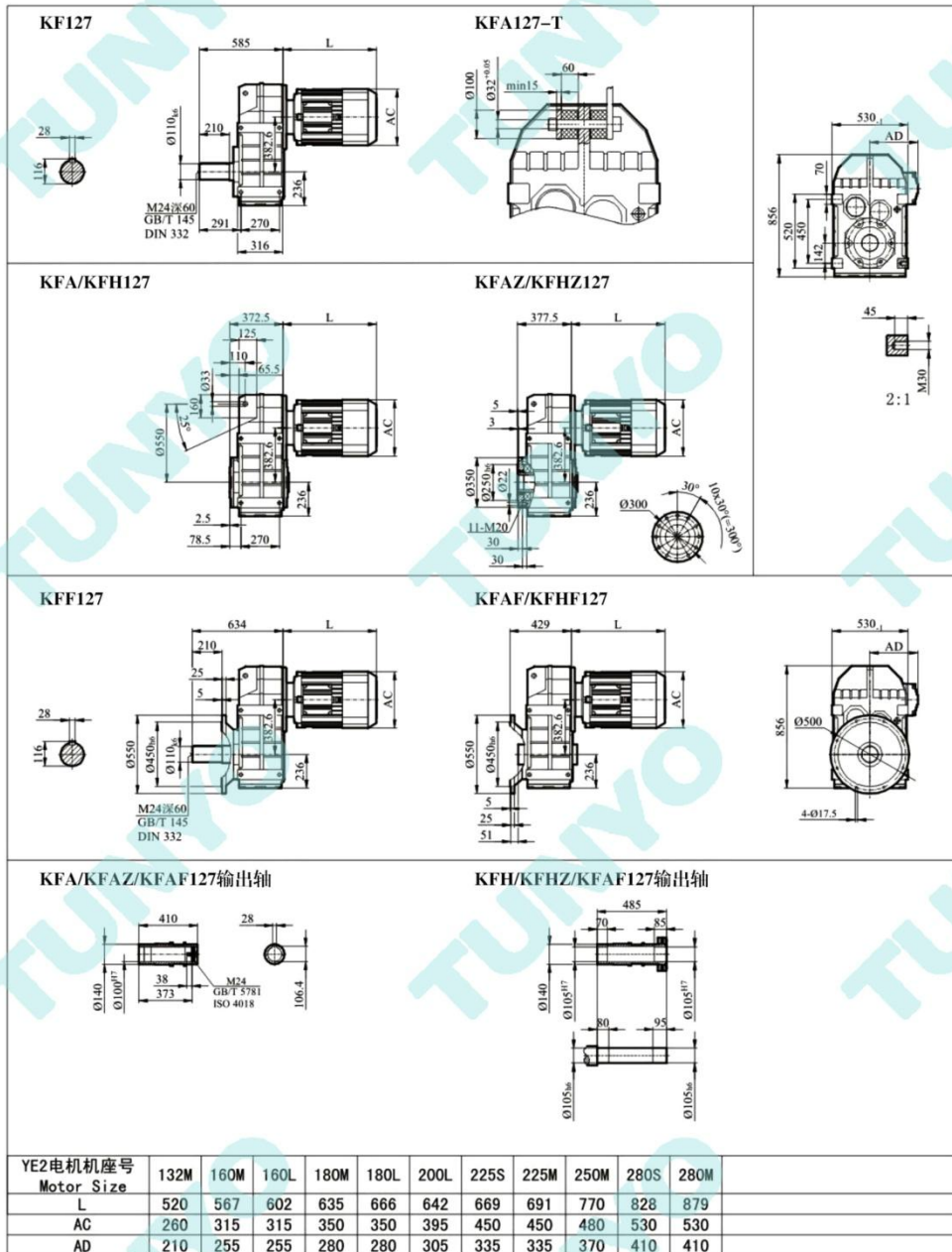
K系列斜齿轮减速电机

K Series Helical Gear Reduction Motor



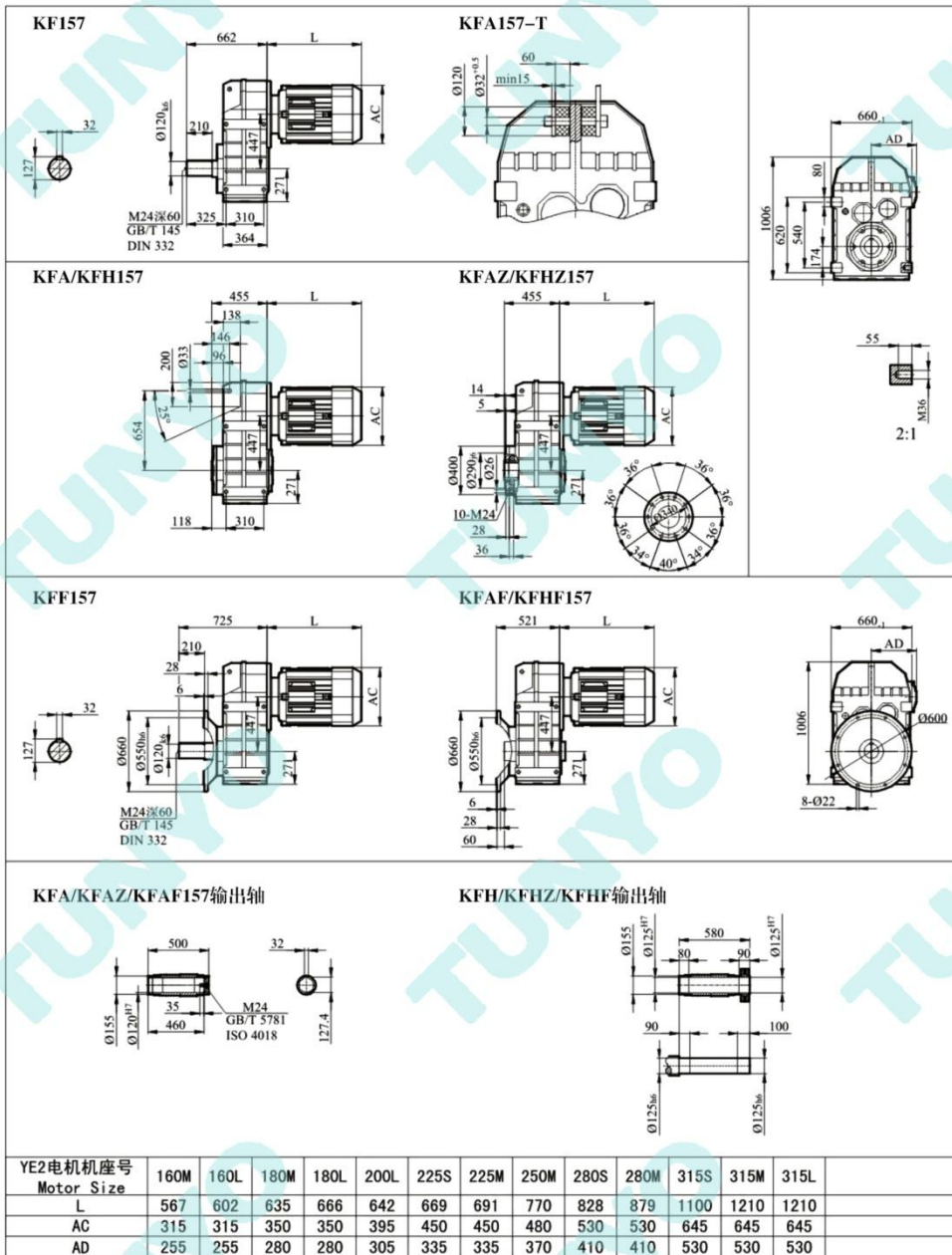
K系列斜齒輪減速電機

K Series Helical Gear Reduction Motor



K系列斜齒輪減速電機

K Series Helical Gear Reduction Motor



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CERTIFICATE OF APPROVAL RoHS



I S O 9 0 0 1 認 證 取 得
CERTIFICATE OF APPROVAL ISO9001

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