

性能特性 / Performance

R系列同轴式-斜齿轮减速电机、F系列平行轴-斜齿轮减速电机、K系列斜齿轮-伞齿轮减速电机、S系列斜齿轮-蜗轮蜗杆减速电机具有体积小、传递扭矩大的特点。

在模块组合体系基础上设计制造，有极其多的电机组合、安装型式和结构方案，传动比分级精细，满足不同的使用工况，实现机电一体化。

R、F、K、S四大系列减速机采用单元结构模块化设计原理，大大减少了零部件种类和库存量，也大大的缩短了交货周期。

传动效率高，耗能低，性能优越。

带筋的高刚性铸铁箱体，齿轮采用优质合金钢，表面经渗碳淬火硬化处理，磨齿精细加工，传动平稳，噪声低，

承载能力大，温升高，寿命长。

广泛应用于轻工、食品、啤酒饮料、化工、自动扶梯、自动化仓储设备、建筑、机械、钢铁冶金、造纸、人造板机械、汽车制造、烟草机械、水利、印刷包装、制药、纺织、建材、物流、饲料机械、环境保护等领域。

本系列减速机出厂前不带油，使用前建议加入GB3141中的N220中极压工业齿轮油。

R series helical geared motors, F series parallel shaft geared motors, K series bevel geared motors, S series helical worm geared motors which hold characteristic of small size and high torque transmission.

The reducer is designed and manufactured according to the module combination, which has the advantages of multi-motor combining, different types of installing and various structure programs, and meticulous ratio and output speed classification. It makes the blend of mechanics and electronics.

The 4 series of gear unit, i.e R series, F series, K series and S series are manufactured by adopting the designing principle of unit modular. It reduces the sorts and storage of spare parts and also the lead-time. At the same time, it has the advantages of high transmission and speed ratio, low energy consumption, and superior performance.

High rigidity cast iron box with rid. The gear is made of high quality alloy steel, carburized and rubbed, for stable transmission, low noise and temperature rising, high load and long mechanical life.

The products are widely applied in electricity, coal, cement, metallurgy, harbor, agriculture, military industry, shipping, lifting, environment protection, stage, logistic, weaving, paper making, light industry, plastics and other regions.

No lubricant for the above 4 series of reducers after they are delivered from our factory. Propose using the N220 intermediate-pressure industrial gear oil of GB3141.

选型方法 / Selection Mode

减速机通常是按每小时起停次数小于5，20℃常温下，按恒定转矩设计的。在按选型参数表选择机型号前，须先了解载荷特征和工作情况，在运行功率确定后，按下面两种方法选择参数表中的使用系数 f_b 。

The reducer is designed by stable torque on the condition that the starting frequency is below 5 per hour and the normal temperature is 20℃. It is necessary to know the loading performance and working condition before selecting the type according to the selection of parameter table. Upon confirming the operating power, the operating factor f_b can be selected based on the two methods below.

运行功率P / Power	KW
每天工作小时数 / Working hour/day	h
每小时起停次数 / Starting frequency	次 / Time(s)
环境温度 / Ambient temperature	℃
工作机载荷特征 / Working machine loading feature	U-均匀载荷 / Uniform load M-中等载荷 / Medium shock load H-冲击载荷 / Heavy shock load
输出轴联接方式 / The connection of output shaft	

1)R、K、F三种系列选型

a. 根据工作机载荷特征和每天的工作时间, 每小时起动次数确定工作系数 f_{Bn}

b. 选择必要的可靠度系数 K_R

c. 计算总使用数 f_e

$$f_e = f_{Bn} \times K_R$$

必须满足 $f_e \leq$ 选型参数表中提供的使用系数 f_B

2)S系列选型

a. 根据工作机载荷特征和每天的工作时间, 每小时起动次数确定工作系数 f_{Bn}

b. 选择必要的可靠度系数 K_R

c. 确定环境温度系数 f_{B1}

d. 计算总使用系数 f_e

$$f_e = f_{Bn} \times K_R \times f_{B1}$$

1 必须满足 $f_e \leq$ 选型参数表中提供的使用系数 f_B

1) Selection of R, K, F Series

a. The working factor is decided by the working load performance & working hours/day and starting performance/hour

b. Selection of reliability factor

c. Calculation of total service factor

$$f_e = f_{Bn} \times K_R$$

$f_e \leq f_B$ (f_B is from the selection of parameters table)

2) Selection of S Series

a. The working factor is decided by the working load performance & working hours/day and starting performance/hour

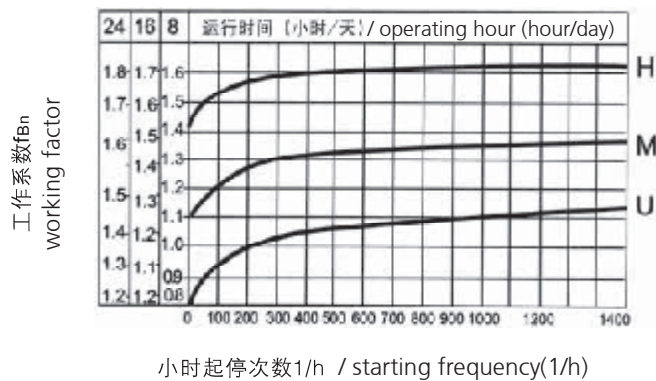
b. selection of reliability factor

c. Ambient temperature factor

d. Total Service factor

$$f_e = f_{Bn} \times K_R \times f_{B1}$$

$f_e \leq f_B$ (f_B is from the selection of parameters table)



环境温度 / Ambient temperature					
环境温度系数 f_{B1} / Ambient temperature factor f_{B1}	10°C	20°C	30°C	40°C	50°C
冷却方式 / Cooling method					
无冷却或用风扇冷却 / No cooling or cooled by fan	0.88	1	1.15	1.35	1.65

可靠度要求 / Reliability requirements	K_R
一般 / Common	1.3
较高 / Higher	1.6
高 / Highest	2.25

可靠度系数 K_R / The reliability coefficient K_R

环境温度系数 f_{B1} / ambient temperature factor f_{B1}

载荷特征表 : / Loading Characteristic Sheet:

风机类 / Fan		装向齿轮传动装置 / Install gear transmission device	M
风机(轴向和径向) / Fan (axial direction&radial direction)	U	行走齿轮传动装置(覆带) / Driing gear transmission device (track)	H
冷却塔风扇 / Cooling tower fan	M	行走齿轮传动装置(铁轨) / Driing gear transmission device (rail)	M
引风机 / Induced draft fan	M	食品工业机械类 / Machinery of food industries	
螺旋活塞式风机 / Sprial piston fan	M	灌注及装箱机器 / Filling and packing machine	U
涡轮式风机 / Turbo blower	U	甘蔗压榨机 / Crane mills	U
建筑机械类 / Construction machine		甘蔗切断机* / Crane knives	M
混凝土搅拌机 / Concrete mixer	M	甘蔗粉碎机* / Crane crushers	M
卷扬机 / Hoisting machine	M	搅拌机 / Agitator	M
路面建筑机械 / Road construction machinery	M	酱状物吊桶 / Paste bucket	M
化工类 / Chemical		包装机 / Packing machine	U
搅拌机(液体) / Agitator(liquid)	U	糖甜菜切断机 / Sugar beet cutter	M
搅拌机(半液体) / Agitator(semi-liquid)	M	糖甜菜清洗机 / Sugar beet washing	M
离心机(重型) / Centrifuge(heavy)	M	金属滚轧机类 / Metal roller	
离心机(轻型) / Centrifuge(light)	U	钢坯剪断机* / Billet shearing machine	H
冷却滚筒 / Cooling drums	M	链式输送机* / Chain conveyer	M
干燥滚筒 / Drying drums	M	冷轧机* / Cold reduction mill	H
搅拌机 / Agitator	M	连铸成套设备* / Continuous casting equipment	H
压缩机类 / Compressor		冷床* / Cooling bed	M
活塞式压缩机 / Piston compressor	H	料机头* / Feeding head	H
涡轮式压缩机 / Turbine compressor	M	交叉转弯输送机* / Cross belt conveyer	M
传送输机类 / Conveyor		除锈机* / Deruster	H
平板输送机 / Flat conveyor	M	重型和中型板轧机* / Heavy and medium plate mill	H
平衡块升降机 / The balance block	M	棒坯初轧机* / Bar rolling mill	H
槽式输送机 / Trough conveyor	M	棒坯转运机械* / Billet transport machinery	H
带式输送机(散状物) / Belt conveyor(bulk)	M	棒坯推料机* / Billet pusher	H
带式输送机(块状物) / Belt conveyor(slug flow)	H	推床* / Manipulator	H
筒式面粉输送机 / Barrel of flour conveyer	U	剪板机* / Sheet-metal shears	H
链式输送机 / Chain conveyer	M	板材摆动升降台* / Plate tilting table	M
环式输送机 / Ring conveyer	M	轧辊调整装置* / Roll separating mechanism	M
货物升降机 / Freight elevator	M	辊式校直机* / Roller straightening machine	M
卷场机 / Windlass	H	轧钢机辊道(重型)* / Roller mill (heavy)	H
倾斜卷场机 / Slope windlass	H	轧钢机辊道(轻型)* / Roller mill(light)	M
连杆式输送机 / The connecting rod conveyor	M	薄板轧机* / Sheet mill	H
载入升降机 / Load lift	M	修剪切机* / Pruning machine	M
螺旋式输送机 / Screw conveyer	M	焊管机 / Pipe welder	M
带式输送机 / Belt conveyor	M	焊接机(带材和线材) / Welding machine (strip and wire)	M
链式槽型输送机 / Chain type conveyer	M	线材拉拔机 / Coil winder	M
铰车运输 / Winch transport	M	薄板弯曲机床 / Plate bending machine	M
起重机械类 / Crane		石油工业机械类 / The oil industry machinery	
转臂式起重传动齿轮装置 / Rotary heavy gear transmission device	M	输油管油泵* / Pipeline pump	M
卷场机齿轮传动装置 / Windlass transmission device	U	转子转井设备 / Rotor shaft equipment	H
吊杆起落齿轮传动装置 / The landing gear transmission device	U	制纸机类 / Paper machine	
转向齿轮传动装置 / Steering gear transmission device	M	压光机* / Calender	H
行走齿轮传动装置 / Driing gear transmission device	H	多层纸板机* / Multilayer board machine	H
挖泥机类 / Dredge		干燥滚筒* / Drying drums	H
筒式输送机 / Roller conveyer	H	上光滚筒* / Polishing drum	H
筒式转向轮 / Cylinder type steering wheel	H	搅拌机* / Agitador	H
挖泥头 / Dredge head	H	纸浆摩擦面* / Pulp friction surface	H
机动铰车 / Motor winch	H	吸水滚* / Water roll	H
泵 / Pump	M	吸水滚压机* / Water roller	H

潮纸滚压机* / The damp paper rolling machine	H	挤压粉碎机* / Extrusion mill	H
威罗机 / Willow	H	破碎机 / Crusher	H
泵类 / Pump		压砖机 / Brick machine	H
离心泵(稀液体) / Centrifugal pump(dilute liquid)	U	锤粉碎机* / Hammer crusher	H
离心泵(半液体) / Centrifugal pump(quasi-liquid)	M	转炉* / Converter	H
活塞泵 / Piston pump	H	筒形磨机* / Cylindrical grinder	H
柱塞泵* / Ram pump	H	纺织机床类 / Textile machine	
压力泵* / Force pump	H	送料机 / Feeding machine	M
塑料工业类 / Plastics industry		织布机 / Loom	M
压光机* / Calender	M	印染机床 / Printing machine	M
挤压机* / Extruding machine	M	精制桶 / Refined barrels	M
螺旋压出机* / Screw extruder	M	威罗机 / Willow	M
混合机* / Amalgamator	M	水处理类 / Water treatment	
橡胶机械类 / Rubber machinery		鼓风机 / Fan	M
压光机* / Calender	M	螺杆泵 / Screw pump	M
挤压机* / Extruding machine	H	木材加工机床 / Woodworking machine	
混合搅拌机* / The mixer	M	剥皮机 / Barking machine	H
捏合机* / Kneader	H	刨床 / Planer	M
滚压机* / Roller mill	H	锯床* / Hacksaw(ing) machine	H
石料、瓷土料加工机床类 / Stone, clay material processing machine		木材加工机床 / Woodworking machine	U
球磨机* / Ball crusher	H		

注：

- 1.U为均匀载荷；M为中等冲击载荷；H为强冲击载荷。
- 2.打“*”者表示仅用于24h工作制。
- 3.如给出精确的工作条件，表中载荷分类可作出修正，此表值仅供参考。

Note:

- 1.U:uniform load, M:medium shock load, H:heavy shock load
- 2.The item marked with“*” can only be applied to 24h working shift.
- 3.If exact working condition is offered.the load table can be changed accordingly. Load table is only for reference.

K系列斜齿轮 – 伞齿轮减速电机
K Series Helical-Bevel Gear Units

K



KA-A-T力矩臂空心轴安装斜齿轮-伞齿轮减速电机
K Series Hollow Shaft/Arm-Torque Helical-Bevel Gear Unit

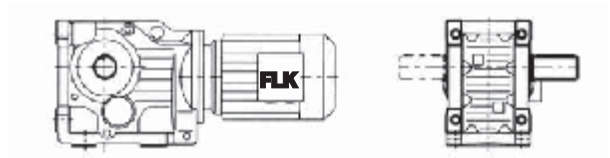


KA-A空心轴安装斜齿轮-伞齿轮减速电机
K Series Hollow Shaft Helical-Bevel Gear Unit



K 底脚安装轴伸式斜齿轮-伞齿轮减速电机
K Series Foot-Mounted Helical Bevel Gear Unit

可提供以下型号斜齿轮——伞齿轮减速电机 / Available Versions



K-Y
底脚安装斜齿轮—伞齿轮减速电机
K Series Foot-Mounted Helical Gear Unit



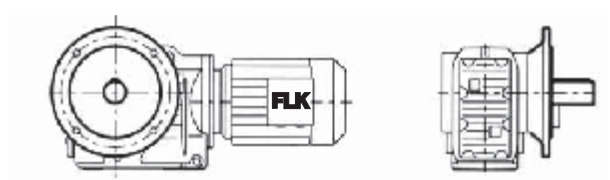
K-A-B-Y
空心轴底脚安装斜齿轮减速电机
K Series Foot-Mounted/Hollow Shaft Helical Gear Unit



K-V-B-Y
底脚花键空心轴 (DIN5480)安装斜齿轮—
伞齿轮减速电机
K Series Foot-Mounted/Splined Hollow
Shaft (DIN5480) Helical Gear Unit



K-H-B-Y
底脚空心轴锁紧安装斜齿轮—
伞齿轮减速电机
K Series Foot-Mounted Shaft/Shrink Disk Helical
Gear Unit



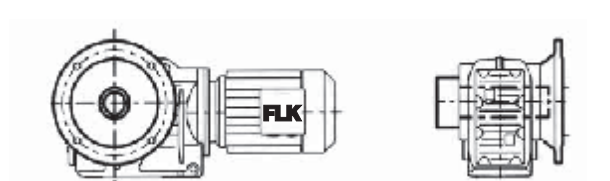
KA-F-Y
B5法兰安装斜齿轮—伞齿轮减速电机
K Series B5 Flange-Mounted Helical Gear Unit



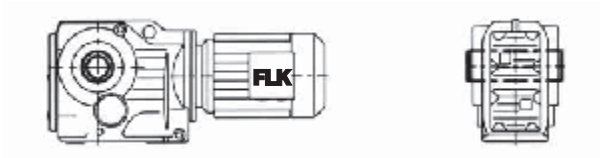
KA-A-F-Y
B5法兰空心轴安装斜齿轮—伞齿轮减速电机
K Series B5 Flange-Mounted/Hollow Shaft
Helical Gear Unit



KA-V-F-Y
B5法兰花键空心轴 (DIN5480)安装斜齿轮—
伞齿轮减速电机
K Series B5 Flange-Mounted//Splined Hollow
Shaft(DIN5480) Helical Gear Unit



KA-H-F-Y
B5法兰空心轴锁紧盘安装斜齿轮—
伞齿轮减速电机
K Series B5 Flange-Mounted/Hollow
Shaft/Shrink Helical Gear Unit



KA-A-Y
空心轴斜齿轮—伞齿轮减速电机
K Series Hollow Shaft Helical Gear Unit



KA-V-Y
花键空心轴 (DIN5480)安装斜齿轮—
伞齿轮减速电机

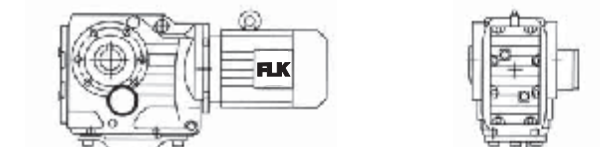
K Series Hollow Shaft/Splined Hollow Helical Gear Unit



KA-H-Y
空心轴锁紧盘斜齿轮—伞齿轮减速电机
K Series Hollow Shaft/Shrink Disk Helical Gear Unit



KA-A-Z-Y
B14法兰空心轴安装斜齿轮—伞齿轮减速电机
K Series Flange-Mounted/Hollow Shaft Helical Gear Unit

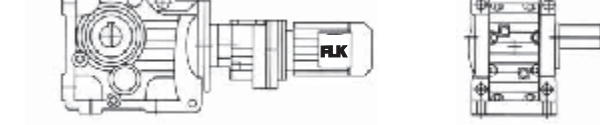


KA-V-Z-Y
B14法兰花键空心轴 (DIN5480)安装斜齿轮—
伞齿轮减速电机

K Series Flange-Mounted/Hollow Shaft /Splined Hollow Shaft (DIN5480)Helical Gear Unit



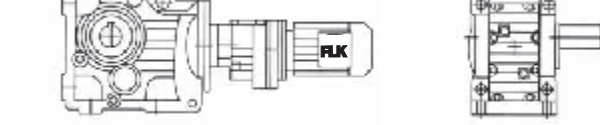
KA-H-Z-Y
B14法兰空心轴锁紧盘安装斜齿轮—
伞齿轮减速电机
K Series Flange-Mounted/Hollow Shaft /Shrink Disk Helical Gear Unit



KA-A-T
力矩支架空心轴装斜齿轮—伞齿轮减速电机
K Series Hollow Shaft/Torque arm Helical-Bevel Gear Unit

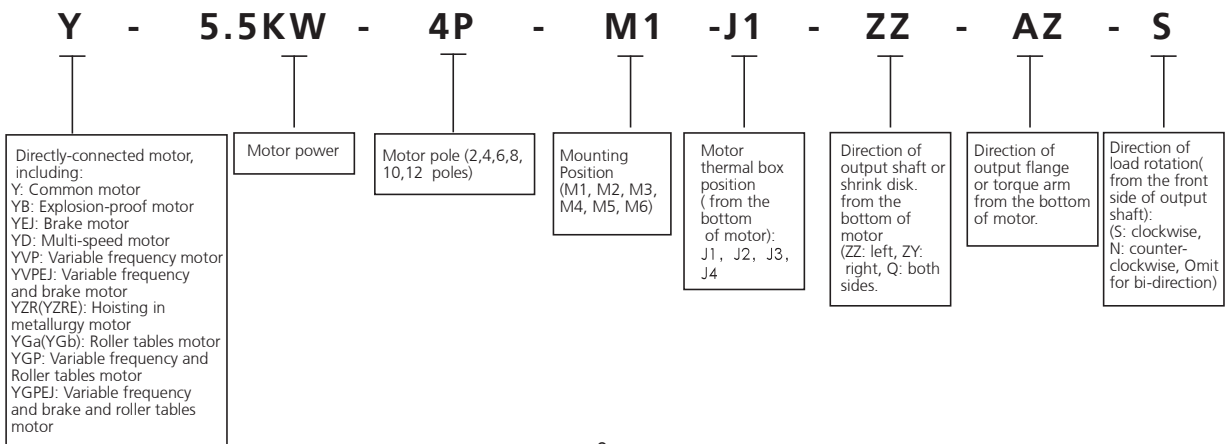
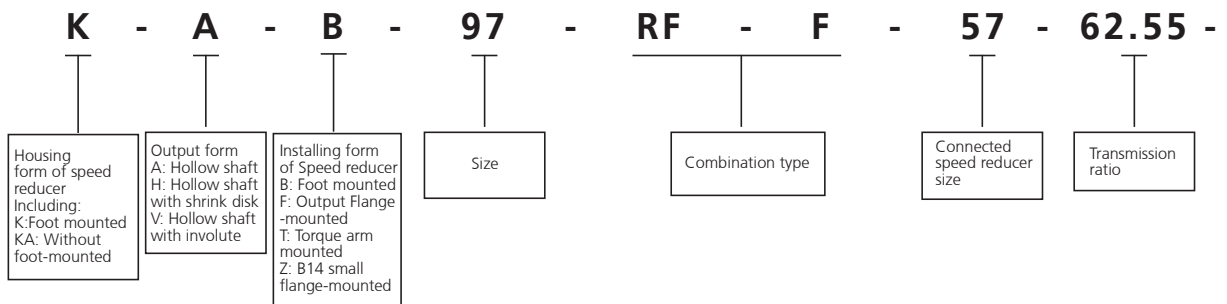
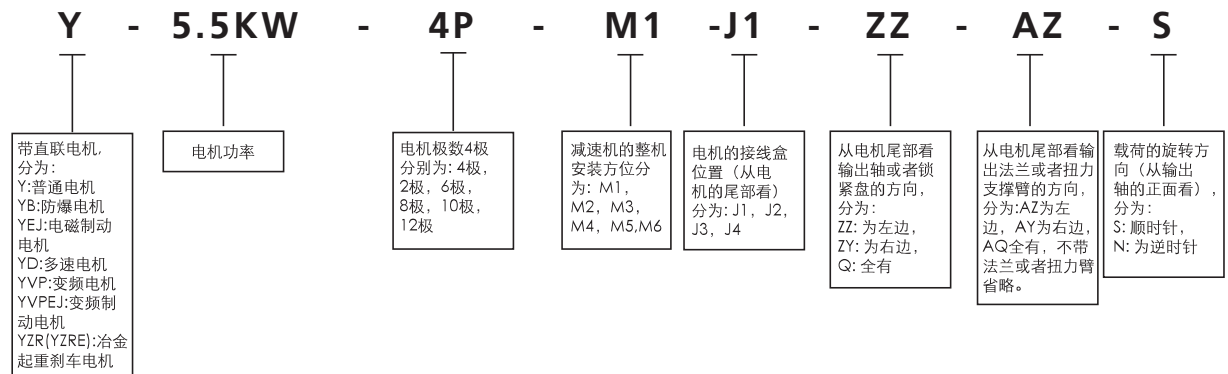
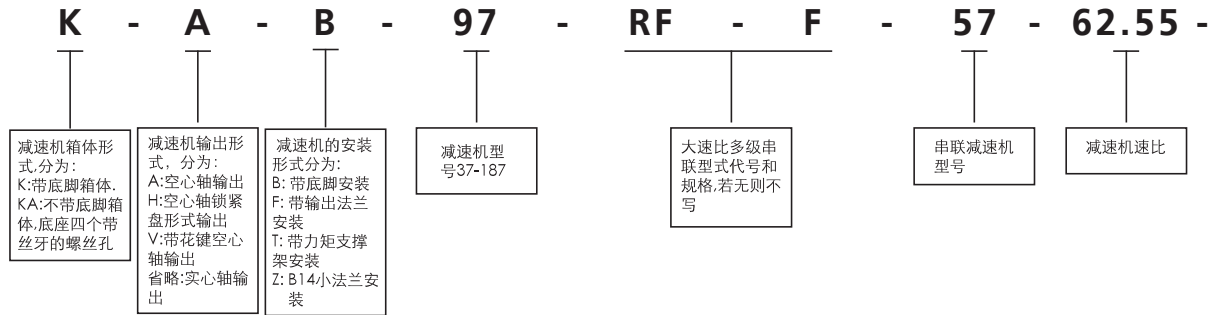


K-AD
轴输入型斜齿轮—伞齿轮减速电机
K Series Input Shaft Helical Gear Unit



K-RF-F
多级串联的组合式—伞齿轮减速电机
K Series Multiple-Stage Helical Gear Unit

型号与标记 / Type Designation



AM132B5: 带过度法兰电机的IEC标准法兰尺寸(可查阅电机样本)

AD4: 轴输入 输入轴的大小分为: AD1, AD2, AD3, AD4, AD5, AD6, AD7, AD8.

AM132B5: Dimension of IEC flange (please refer to our catalogue)

AD4: Input shaft (AD1, AD2, AD3, AD4, AD5, AD6, AD7, AD8)

①带直联电机单组减速机 Directly-connected motor speed reducer

K-A-B-97-62.55-Y-5.5KW-4P-NZQ-M1-J1-ZZ-AZ-S

②带直联电机双组减速机 Directly-connected motor Speed reducer(Combination type)

K-A-B-97-RF-F-57-62.55-Y-5.5KW-4P-M1-J1-ZZ-AZ-S

带电机带输入法兰 With motor and input flange

K-A-B-97-62.55-AM132B5-Y-5.5KW-4P-M1-J1-ZZ-AZ-S

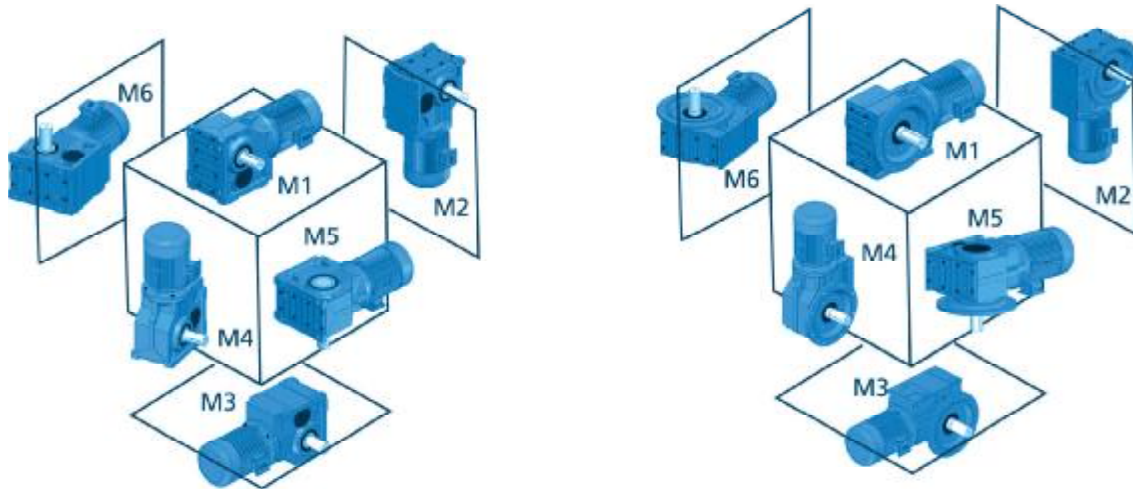
③不带电机带输入法兰 Input flange-mounted, without motor

K-A-B-97-62.55-AM132B5-M1-J1-ZZ-AZ-S

④带输入轴 With input shaft

K-A-B-97-62.55-AD4-M1-Z-S

安装形式 / Mounting Position



电机接线盒位置 / Motor Thermal Box Position



J1(0°)



J2(270°)



J3(180°)



J4(90°)

速比范围与最大扭矩 / Transmission Ratio Range & Maximum Torque

K	机型号 Size	37	47	57	67	77	87	97	107	127	157	167	187
	结构形式 Type	K/KA-F											
	传动比 Transmission ratio	5.36~106.38	5.81~131.87	6.57~145.14	7.28~144.79	7.24~192.18	7.21~197.37	8.71~176.05	8.69~143.47	8.68~146.07	12.65~150.41	17.34~164.50	17.18~179.86
	最大扭矩 (N·m) Maximum torque (N.m)	200	400	600	820	1550	2700	4300	8000	13000	18000	32000	50000

润滑油量表 / Lubricant Sheet

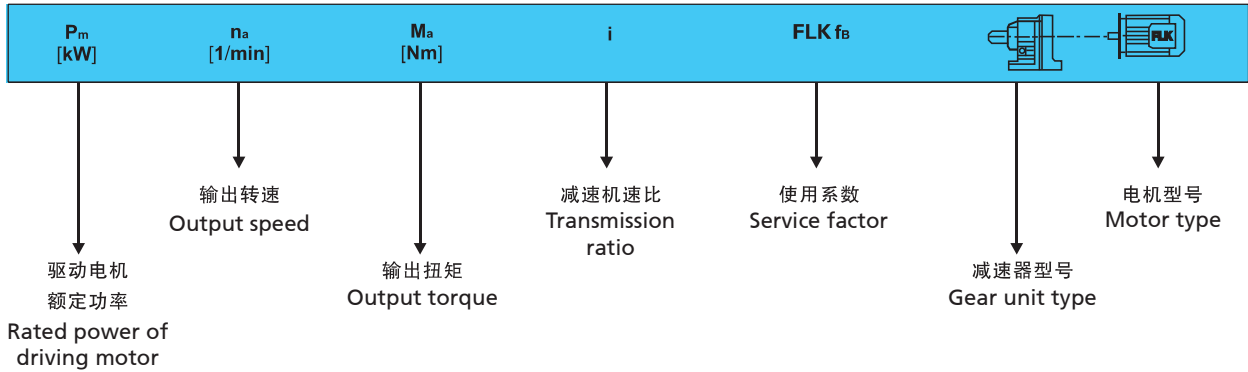
机型号 / Size	润滑油量(升) / Lubricant (liter)					
	M1	M2	M3	M4	M5	M6
K-37	0.5	1	1	1.3	1	1
K-47	0.8	1.3	1.5	2	1.6	1.6
K-57	1.2	2.3	2.5	3	2.6	2.4
K-67	1.1	2.4	2.6	3.4	2.6	2.6
K-77	2.2	4.1	4.4	5.9	4.2	4.4
K-87	3.7	8	8.7	10.9	7.8	8
K-97	7	14	15.7	20	15.7	15.5
K-107	10	21	25.5	33.5	24	24
K-127	21	41.5	44	54	40	41
K-157	31	62	65	90	58	62
K-167	35	100	100	125	85	85
K-187	60	170	170	205	130	130

机型号 / Size	润滑油量(升) / Lubricant (liter)					
	M1	M2	M3	M4	M5	M6
KA-F-37	0.5	1.1	1.1	1.5	1	1
KA-F-47	0.8	1.3	1.7	2.2	1.6	1.6
KA-F-57	1.3	2.3	2.7	3	2.9	2.7
KA-F-67	1.1	2.4	2.8	3.6	2.7	2.7
KA-F-77	2.1	4.1	4.4	6	4.5	4.5
KA-F-87	3.7	8.2	9	11.9	8.4	8.4
KA-F-97	7	14.7	17.3	21.5	15.7	16.5
KA-F-107	10	22	26	35	25	25
KA-F-127	21	41.5	46	55	41	41
KA-F-157	31	66	69	92	62	62

注: 表中数值仅为参考值, 具体以减速机油位孔位置为准。

Note: Data in the table is for reference, operation is subject to oil level and oil sight glass.

承载能力表的结构 / Capacity Table Structure



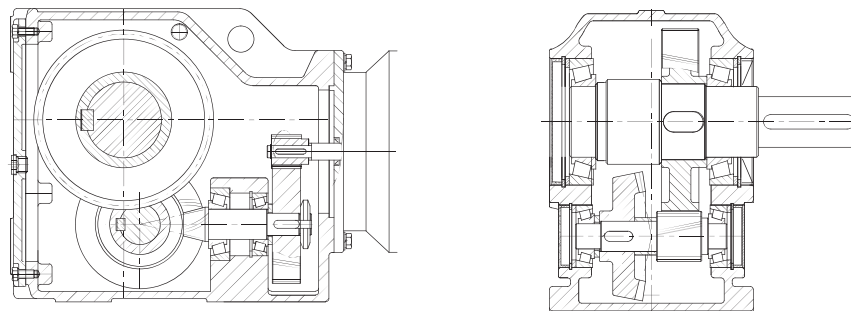
K系列减速机重量 (KG)

型号Type	K37	K47	K57	K67	K77	K87	K97	K107	K127	K157	K167	K187
重量Weight	12	20	24	30	49	80	150	250	410	666	1036	1600

说明：带输入轴输入法兰的机型重量约增加10%，带电机的机型根据所配电机的重量而增加。

Note: Weight of reducer with input flange should be added 10%, if there is a motor, please add weight according to motor.

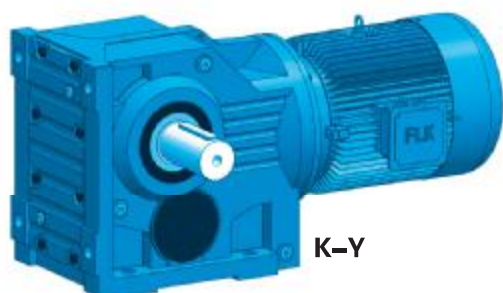
结构示意图 / Sectional Drawings



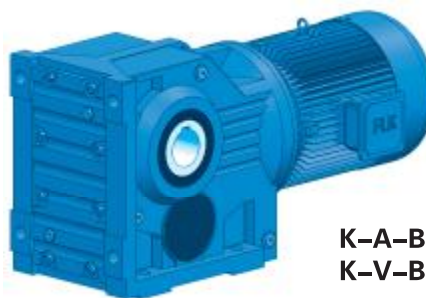


K-Y

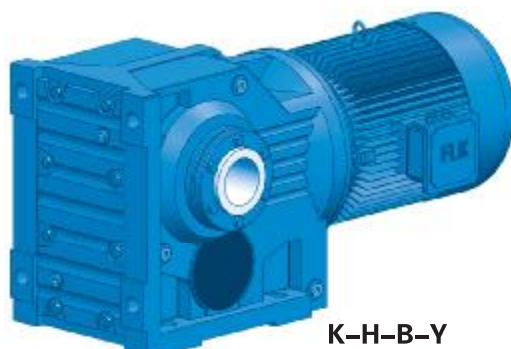
K, K-A-(B), K-V-(B), K-H-(B), K-T, KA-A-F, KA-V-F, KA-H-F, KA-A-Z, KA-A-Z-Y



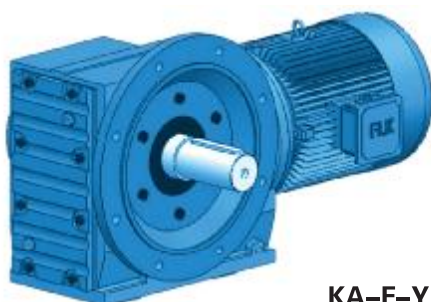
K-Y



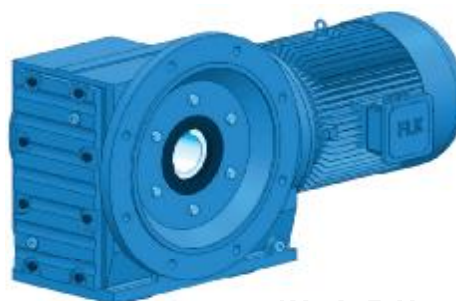
K-A-B-Y
K-V-B-Y



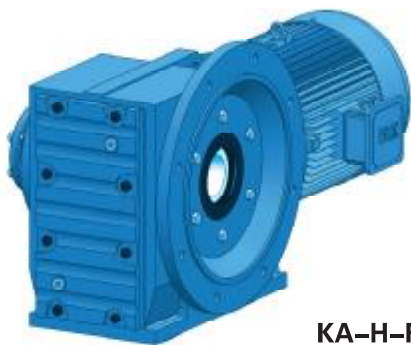
K-H-B-Y



KA-F-Y



KA-A-F-Y
KA-V-F-Y



KA-H-F-Y



KA-A-T-Y
KA-V-T-Y



KA-H-T-Y



KA-A-Z-Y
KA-V-Z-Y



KA-H-Z-Y



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
0.12KW						0.12KW					
0.08	11800	17550	1.10			1.0	930	1351	0.90		
0.09	10700	16006	1.20			1.2	795	1171	1.05		
0.09	9880	14975	1.30	K127 -RF77	4P	1.3	695	1034	1.20		
0.11	8010	12440	1.60	KF127-RF77	4P	1.5	585	903	1.40		
0.13	6920	10915	1.90	KA127-RF77	4P	1.7	545	793	1.50	K67 -RF37	4P
0.14	6320	9819	2.1	KAF127-RF77	4P	2.0	440	697	1.85	KF67-RF37	4P
0.16	5220	8443	2.5			2.2	390	613	2.1	KA67-RF37	4P
0.18	4820	7482	2.7			2.5	340	542	2.4	KAF67-RF37	4P
						2.9	315	471	2.6		
						3.3	265	420	3.1		
						3.8	235	361	3.5		
						4.3	210	323	3.9		
						4.9	176	279	4.7		
						5.6	155	246	5.3		
						6.3	134	217	6.1		
0.10	9590	14311	0.85			1.5	585	906	1.05		
0.11	8060	12211	1.00			1.7	525	806	1.15		
0.13	6930	10677	1.15			2.0	445	699	1.35		
0.14	6280	9524	1.25	K107 -RF77	4P	2.2	390	615	1.55		
0.17	5410	8328	1.50	KF107-RF77	4P	2.5	340	544	1.75	K57 -RF37	4P
0.19	4720	7270	1.70	KA107-RF77	4P	2.9	310	473	1.95	KF57-RF37	4P
0.22	3760	6184	2.1	KAF107-RF77	4P	3.3	265	421	2.3	KA57-RF37	4P
0.24	3320	5662	2.4			3.8	235	362	2.5	KAF57-RF37	4P
0.27	3020	5138	2.7			4.3	210	319	2.9		
0.32	2700	4359	3.0			4.9	176	280	3.4		
						5.6	155	246	3.9		
						6.4	135	215	4.4		
						7.2	122	192	4.9		
0.17	5310	8054	0.80			2.2	430	639	0.95		
0.20	4350	6970	1.00			2.5	370	552	1.10	K47 -RF37	4P
0.23	3890	6027	1.10			2.8	315	495	1.25	KF47-RF37	4P
0.26	3560	5391	1.20			3.2	280	426	1.45	KA47-RF37	4P
0.30	2950	4669	1.45			3.7	235	375	1.70	KAF47-RF37	4P
0.34	2640	4082	1.65			4.2	215	327	1.85		
0.39	2320	3583	1.85	K97 -RF57	4P	4.8	189	289	2.1		
0.44	2040	3108	2.1	KF97-RF57	4P						
0.50	1720	2757	2.5	KA97-RF57	4P						
0.57	1580	2419	2.7	KAF97-RF57	4P						
0.65	1370	2123	3.2								
0.74	1220	1856	3.5								
0.85	1000	1625	4.3								
0.96	860	1430	5.0								
1.1	830	1261	5.2								
1.2	725	1102	5.9								
0.26	3380	5240	0.80			4.0	235	346	0.85		
0.30	2850	4562	0.95			4.5	200	304	1.00		
0.34	2610	4037	1.05			5.2	182	267	1.10	K37 -RF17	4P
0.38	2330	3609	1.15			5.9	157	234	1.25	KF37-RF17	4P
0.44	1900	3107	1.35			6.7	138	205	1.45	KA37-RF17	4P
0.51	1700	2728	1.60	K87 -RF57	4P	7.6	120	181	1.65	KAF37-RF17	4P
0.58	1500	2371	1.80	KF87-RF57	4P	8.6	105	160	1.90		
0.66	1380	2088	1.95	KA87-RF57	4P	10	88	136	2.3		
0.74	1220	1854	2.2	KAF87-RF57	4P						
0.83	1090	1657	2.5								
0.97	930	1415	2.9								
1.1	800	1229	3.4								
1.3	695	1078	3.9			6.2	184	144.79	4.4	K-67	6P
1.5	585	951	4.6							KA-F-67	6P
1.6	505	837	5.4							KA-A-67	6P
1.9	435	726	6.2							KA-A-F-67	6P
0.51	1790	2717	0.85			6.2	185	145.15	3.2		
0.58	1510	2370	1.05			7.3	158	123.85	3.8	K-57	6P
0.67	1380	2050	1.10			8.3	138	108.29	4.3	KA-F-57	6P
0.78	1180	1772	1.30	K77 -RF37	4P	8.8	131	102.88	4.6	KA-A-57	6P
0.91	1010	1514	1.55	KF77-RF37	4P	10	115	90.26	5.2	KA-A-F-57	6P
0.99	920	1388	1.70	KA77-RF37	4P	12	98	76.26	6.2		
1.1	810	1218	1.90	KAF77-RF37	4P						
1.3	710	1053	2.2			9.5	121	145.14	5.0		
1.5	620	924	2.5			11	103	123.85	5.8	K-57	4P
1.7	550	815	2.8			13	90	108.29	6.7	KA-F-57	4P
2.0	440	709	3.5			13	85	102.88	7.0	KA-A-57	4P
2.2	385	622	4.0			15	75	90.26	8.0	KA-A-F-57	4P
						6.8	168	131.87	2.4	K-47	6P
						7.4	155	121.48	2.6	KA-F-47	6P
						8.6	133	104.37	3.0	KA-A-47	6P
										KA-A-F-47	6P



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
0.12KW						0.18KW					
10	110	131.87	3.7	K-47	4P	1.4	1040	957	4.1	K97 -RF57	4P
11	101	121.48	4.0	KA-F-47	4P	1.5	930	855	4.6	KF97-RF57	4P
				KA-A-47	4P	1.8	755	743	5.7	KA97-RF57	4P
				KA-A-F-47	4P	2.0	675	652	6.4	KAF97-RF57	4P
8.5	136	106.38	1.50	K-37	6P	0.42	3330	3107	0.80		
9.2	125	97.81	1.60	KA-F-37	6P	0.48	2880	2728	0.95		
11	107	83.69	1.90	KA-A-37	6P	0.56	2520	2371	1.05		
12	92	72.54	2.2	KA-A-F-37	6P	0.63	2290	2088	1.20	K87 -RF57	4P
						0.71	2030	1854	1.35	KF87-RF57	4P
						0.80	1820	1657	1.50	KA87-RF57	4P
						0.93	1540	1415	1.75	KAF87-RF57	4P
						1.1	1340	1229	2.0		
						1.2	1160	1078	2.3		
						1.4	1000	951	2.7		
						1.6	870	837	3.1		
						1.8	755	726	3.6		
						0.87	1670	1514	0.95		
						0.95	1530	1388	1.00		
						1.1	1340	1218	1.15		
						1.2	1170	1053	1.35	K77 -RF37	4P
						1.4	1030	924	1.50	KF77-RF37	4P
						1.6	910	815	1.70	KA77-RF37	4P
						1.9	750	709	2.1	KAF77-RF37	4P
						2.1	655	622	2.4		
						2.4	590	552	2.6		
						2.7	515	485	3.0		
						3.1	455	428	3.4		
						3.6	400	367	3.9		
0.18KW						0.18KW					
0.09	16300	14975	0.80			1.5	980	903	0.85		
0.11	13400	12440	0.95			1.7	890	793	0.90		
0.12	11600	10915	1.10			1.9	745	697	1.10	K67 -RF37	4P
0.13	10500	9819	1.25	K127 -RF77	4P	2.2	655	613	1.25	KF67-RF37	4P
0.16	8850	8443	1.45	KF127-RF77	4P	2.4	580	542	1.40	KA67-RF37	4P
0.18	8040	7482	1.60	KA127-RF77	4P	2.8	520	471	1.60	KAF67-RF37	4P
0.20	6990	6565	1.85	KAF127-RF77	4P	3.2	445	420	1.85		
0.23	5940	5804	2.2			3.7	395	361	2.1		
0.26	5220	5027	2.5			4.1	350	323	2.3		
0.30	4530	4423	2.9			4.7	295	279	2.8		
0.34	3960	3889	3.3			2.2	660	615	0.90		
0.40	3310	3311	3.9			2.4	580	544	1.05		
						2.8	515	473	1.15		
						3.1	450	421	1.35	K57 -RF37	4P
						3.6	395	362	1.50	KF57-RF37	4P
						4.1	350	319	1.75	KA57-RF37	4P
						4.7	300	280	2.0	KAF57-RF37	4P
						5.4	260	246	2.3		
						6.1	230	215	2.6		
						6.9	205	192	2.9		
						7.9	178	166	3.4		
						3.5	400	375	1.00		
						4.0	360	327	1.10		
						4.6	315	289	1.25	K47 -RF37	4P
						5.2	275	256	1.45	KF47-RF37	4P
						5.9	245	225	1.65	KA47-RF37	4P
						6.7	210	198	1.90	KAF47-RF37	4P
						7.7	183	171	2.2		
						8.6	164	153	2.4		
						10	142	131	2.8		
						6.4	225	205	0.90		
						7.3	199	181	1.00	K37 -RF17	4P
						8.2	175	160	1.15	KF37-RF17	4P
						9.7	148	136	1.35	KA37-RF17	4P
						10	140	127	1.45	KAF37-RF17	4P



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
0.18KW						0.25KW					
6.0	285	144.79	2.9	K-67	6P	0.13	15300	9819	0.85		
7.0	145	123.54	3.4	KA-F-67	6P	0.15	13000	8443	1.00		
8.1	215	108.03	3.8	KA-A-67	6P	0.17	11700	7482	1.10		
8.5	205	102.62	4.0	KA-A-F-67	6P	0.20	10200	6565	1.30	K127 -RF77	4P
						0.22	8770	5804	1.50	KF127-RF77	4P
9.1	189	144.79	4.3	K-67	4P	0.26	7670	5027	1.70	KA127-RF77	4P
11	161	123.54	5.1	KA-F-67	4P	0.29	6680	4423	1.95	KAF127-RF77	4P
12	141	108.03	5.8	KA-A-67	4P	0.33	5850	3889	2.2		
				KA-A-F-67	4P	0.39	4930	3311	2.6		
6.0	285	145.15	2.1			0.21	9440	6184	0.85		
7.0	245	123.85	2.5	K-57	6P	0.23	8520	5662	0.95		
8.0	215	108.29	2.8	KA-F-57	6P	0.25	7730	5138	1.05		
8.5	205	102.88	3.0	KA-A-57	6P	0.30	6700	4359	1.20	K107 -RF77	4P
9.6	178	90.26	3.4	KA-A-F-57	6P	0.34	5850	3810	1.35	KF107-RF77	4P
						0.39	5070	3358	1.60	KA107-RF77	4P
9.1	189	145.15	3.2			0.44	4540	2977	1.75	KAF107-RF77	4P
11	161	123.85	3.7	K-57	4P	0.50	3970	2599	2.0		
12	141	108.29	4.3	KA-F-57	4P	0.57	3450	2286	2.3		
13	134	102.88	4.5	KA-A-57	4P	0.67	2930	1939	2.7		
15	118	90.26	5.1	KA-A-F-57	4P	0.76	2640	1713	3.0		
17	100	76.56	6.0			0.84	2390	1554	3.3		
						0.97	2060	1336	3.9		
6.6	260	131.87	1.55	K-47	6P	0.42	4890	3108	0.90		
7.2	240	121.48	1.65	KA-F-47	6P	0.47	4250	2757	1.00		
8.3	205	104.37	1.95	KA-A-47	6P	0.54	3840	2419	1.10		
9.6	180	90.86	2.2	KA-A-F-47	6P	0.61	3340	2123	1.30	K97 -RF57	4P
10	172	131.87	2.3			0.70	2950	1856	1.45	KF97-RF57	4P
11	158	121.48	2.5	K-47	4P	0.80	2520	1625	1.70	KA97-RF57	4P
13	136	104.37	2.9	KA-F-47	4P	0.91	2190	1430	1.95	KAF97-RF57	4P
15	118	90.86	3.4	KA-A-47	4P	1.0	2010	1261	2.1		
16	111	85.12	3.6	KA-A-F-47	4P	1.2	1750	1102	2.5		
						1.4	1520	957	2.8		
						1.5	1360	855	3.2		
8.2	210	106.38	0.95	K-37	6P	0.62	3320	2088	0.80		
8.9	193	97.81	1.05	KA-F-37	6P	0.70	2950	1854	0.90		
10	165	83.69	1.20	KA-A-37	6P	0.78	2640	1657	1.00		
12	143	72.54	1.40	KA-A-F-37	6P	0.92	2250	1415	1.20	K87 -RF57	4P
						1.1	1950	1229	1.40	KF87-RF57	4P
12	139	106.38	1.45			1.2	1700	1078	1.60	KA87-RF57	4P
14	127	97.81	1.55			1.4	1470	951	1.85	KAF87-RF57	4P
16	109	83.69	1.85			1.5	1280	837	2.1		
18	95	72.54	2.1			1.8	1100	726	2.4		
19	88	67.80	2.3			2.0	990	638	2.7		
23	76	58.60	2.6								
27	65	49.79	3.1			1.2	1690	1053	0.90		
30	58	44.46	3.5			1.4	1480	924	1.05		
35	49	37.97	4.1	K-37	4P	1.6	1310	815	1.20		
37	46	35.57	4.3	KA-F-37	4P	1.8	1100	709	1.40		
44	39	29.96	5.1	KA-A-37	4P	2.1	960	622	1.60	K77 -RF37	4P
46	38	28.83	5.3	KA-A-F-37	4P	2.3	860	552	1.80	KF77-RF37	4P
53	33	24.99	6.2			2.7	755	485	2.0	KA77-RF37	4P
57	30	23.36	6.4			3.0	665	428	2.3	KAF77-RF37	4P
65	26	20.19	7.0			3.5	580	367	2.7		
77	22	17.15	8.1			4.0	515	328	3.0		
86	20	15.31	8.8			4.5	460	290	3.4		
101	17	13.08	9.7			5.2	395	252	3.9		
109	16	12.14	10			5.9	345	221	4.5		
126	14	10.49	12			6.7	305	195	5.1		
148	12	8.91	14			7.4	270	175	5.7		
166	10	7.96	15								
						2.1	960	613	0.85	K67 -RF37	4P
						2.4	850	542	0.95	KF67-RF37	4P
						2.8	755	471	1.10	KA67-RF37	4P
						3.1	655	420	1.25	KAF67-RF37	4P
						3.6	575	361	1.45	KAF67-RF37	4P



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
0.25KW						0.25KW					
4.0	510	323	1.60	K67 -RF37	4P	11	225	83.69	0.90		
4.7	430	279	1.90	KF67 -RF37	4P	12	197	72.54	1.00	K-37	6P
5.3	385	246	2.1	KA67 -RF37	4P	13	184	67.80	1.10	KA-F-37	6P
6.0	335	217	2.4	KAF67-RF37	4P	15	159	58.60	1.25	KA-A-37	6P
						18	135	49.79	1.50	KA-A-F-37	6P
3.1	655	421	0.90			12	195	106.38	1.00		
3.6	575	362	1.05			13	180	97.81	1.10		
4.1	505	319	1.20			16	154	83.69	1.30		
4.7	435	280	1.35	K57 -RF37	4P	18	133	72.54	1.50		
5.3	385	246	1.55	KF57 -RF37	4P	19	125	67.80	1.60		
6.1	335	215	1.80	KA57 -RF37	4P	22	108	58.60	1.85		
6.8	300	192	2.0	KAF57-RF37	4P	26	91	49.79	2.2		
7.8	260	166	2.3			29	82	44.46	2.5		
9.0	225	145	2.7			34	70	37.97	2.9	K-37	4P
10	205	129	2.9			37	65	35.57	3.1	KA-F-37	4P
12	173	111	3.5			43	55	29.96	3.6	KA-A-37	4P
13	152	97	4.0			45	53	28.83	3.8	KA-A-F-37	4P
4.4	540	154.02	2.9	K-77	8P	52	46	24.99	4.4		
5.0	475	135.28	3.3	KA-F-77	8P	56	43	23.36	4.6		
5.3	450	128.52	3.4	KA-A-77	8P	64	37	20.19	5.0		
6.0	400	113.56	3.9	KA-A-F-77	8P	76	32	17.15	5.7		
4.6	520	192.18	2.8	K-77	6P	85	28	15.32	6.2		
4.9	485	179.37	3.0	KA-F-77	6P	99	24	13.08	6.9		
5.7	420	154.02	3.7	KA-A-77	6P	107	22	12.14	7.2		
6.5	365	135.28	4.2	KA-A-F-77	6P	124	19	10.49	8.3		
5.5	435	123.54	1.90	K-67	8P	146	16	8.91	9.8		
6.3	380	108.03	2.2	KA-F-67	8P	163	15	7.96	11		
6.6	360	102.62	2.3	KA-A-67	8P	191	13	6.80	12		
7.6	315	90.04	2.6	KA-A-F-67	8P	204	12	6.37	12		
6.1	395	144.79	2.1	K-67	6P	0.37KW					
7.1	335	123.54	2.5	KA-F-67	6P	0.18	16600	7482	0.80		
8.1	295	108.03	2.8	KA-A-67	6P	0.21	14500	6565	0.90		
8.6	280	102.62	3.0	KA-A-F-67	6P	0.24	12600	5804	1.05		
9.0	265	144.79	3.1	K-67	4P	0.27	11000	5027	1.20	K127 -RF77	4P
11	225	123.54	3.6	KA-F-67	4P	0.31	9610	4423	1.35	KF127 -RF77	4P
12	198	108.03	4.1	KA-A-67	4P	0.35	8430	3889	1.55	KA127 -RF77	4P
13	189	102.62	4.3	KA-A-F-67	4P	0.42	7120	3311	1.85	KAF127-RF77	4P
6.1	395	145.15	1.50			0.72	4230	1926	3.1		
7.1	335	123.85	1.80	K-57	6P	0.79	3860	1757	3.4		
8.1	295	108.29	2.0	KA-F-57	6P	0.90	3360	1541	3.9		
8.6	280	102.88	2.2	KA-A-57	6P	0.36	8380	3810	0.95		
9.8	245	90.26	2.5	KA-A-F-57	6P	0.41	7300	3358	1.10		
11	210	76.56	2.9			0.46	6510	2977	1.25		
9.0	265	145.15	2.2			0.53	5690	2599	1.40	K107 -RF77	4P
11	225	123.85	2.6	K-57	4P	0.60	4970	2286	1.60	KF107 -RF77	4P
12	199	108.29	3.0	KA-F-57	4P	0.71	4210	1939	1.90	KA107 -RF77	4P
13	189	102.88	3.2	KA-A-57	4P	0.81	3790	1713	2.1	KAF107-RF77	4P
14	166	90.26	3.6	KA-A-F-57	4P	0.89	3440	1554	2.3		
17	141	76.56	4.3			1.0	2950	1336	2.7		
6.7	360	131.87	1.10			1.2	2580	1166	3.1		
7.2	330	121.48	1.20	K-47	6P	0.65	4770	2123	0.90		
8.4	285	104.37	1.40	KA-F-47	6P	0.74	4200	1856	1.00		
9.7	245	90.86	1.60	KA-A-47	6P	0.85	3610	1625	1.20		
10	230	85.12	1.75	KA-A-F-47	6P	0.96	3160	1430	1.35	K97 -RF57	4P
9.9	240	131.87	1.65			1.1	2850	1261	1.50	KF97 -RF57	4P
11	225	121.48	1.80	K-47	4P	1.2	2490	1102	1.70	KA97 -RF57	4P
12	192	104.37	2.1	KA-F-47	4P	1.4	2160	957	2.0	KAF97-RF57	4P
14	167	90.86	2.4	KA-A-47	4P	1.6	1930	855	2.2		
15	156	85.12	2.6	KA-A-F-47	4P	1.9	1620	743	2.7		
						2.1	1430	652	3.0		
						2.4	1280	573	3.4		



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
0.37KW						0.37KW					
0.97	3200	1415	0.85			7.2	490	192.18	3.0	K-77	4P
1.1	2770	1229	0.95			7.7	460	179.37	3.2	KA-F-77	4P
1.3	2420	1078	1.10			9.0	395	154.02	3.9	KA-A-77	4P
1.5	2110	951	1.30	K87 -RF57	4P					KA-A-F-77	4P
1.6	1850	837	1.45	KF87 -RF57	4P						
1.9	1600	726	1.70	KA87 -RF57	4P	6.3	560	108.03	1.45	K-67	8P
2.2	1420	638	1.90	KAF87-RF57	4P	6.6	535	102.32	1.55	KA-F-67	8P
2.5	1240	562	2.2			7.6	470	90.04	1.75	KA-A-67	8P
2.9	1040	474	2.6							KA-A-F-67	8P
3.2	940	426	2.9								
3.7	810	373	3.3								
1.7	1860	815	0.85			7.3	485	123.54	1.70	K-67	6P
2.0	1580	709	1.00			8.3	425	108.03	1.95	KA-F-67	6P
2.2	1380	622	1.10			8.8	405	102.62	2.0	KA-A-67	6P
2.5	1230	552	1.25			10	355	90.04	2.3	KA-A-F-67	6P
2.8	1080	485	1.45	K77 -RF37	4P						
3.2	950	428	1.60	KF77 -RF37	4P	9.5	370	144.79	2.2		
3.8	830	367	1.85	KA77 -RF37	4P	11	315	123.54	2.6	K-67	4P
4.2	735	328	2.1	KAF77-RF37	4P	13	275	108.03	3.0	KA-F-67	4P
4.8	655	290	2.4			15	230	90.04	3.6	KA-A-67	4P
5.5	565	252	2.8			18	196	76.37	4.2	KA-A-F-67	4P
6.2	495	221	3.1								
7.1	435	195	3.5			7.3	485	123.85	1.25		
7.9	390	175	4.0			8.3	425	108.29	1.40	K-57	6P
9.0	340	154	4.5			8.8	405	102.88	1.50	KA-F-57	6P
						10	355	90.26	1.70	KA-A-57	6P
						12	300	76.56	2.0	KA-A-F-57	6P
						13	270	69.12	2.2		
3.3	940	420	0.90								
3.8	820	361	1.00			9.5	370	145.15	1.60		
4.3	725	323	1.15			11	315	123.85	1.90	K-57	4P
4.9	625	279	1.30	K67 -RF37	4P	13	275	108.29	2.2	KA-F-57	4P
5.6	550	246	1.50	KF67 -RF37	4P	13	265	102.88	2.3	KA-A-57	4P
6.3	485	217	1.70	KA67 -RF37	4P	15	230	90.26	2.6	KA-A-F-57	4P
7.2	430	191	1.90	KAF67-RF37	4P	18	196	76.56	3.1		
8.3	370	166	2.2			20	177	69.12	3.4		
9.6	320	144	2.5								
11	275	122	3.0			8.6	410	104.37	1.00	K-47	6P
						9.9	355	90.86	1.10	KA-F-47	6P
						11	335	85.12	1.20	KA-A-47	6P
						12	295	75.20	1.35	KA-A-F-47	6P
4.9	625	280	0.95								
5.6	550	246	1.10			10	340	131.87	1.20		
6.4	480	215	1.25	K57 -RF37	4P	11	310	121.48	1.30		
7.2	430	192	1.40	KF57 -RF37	4P	13	265	104.37	1.50	K-47	4P
8.3	370	166	1.60	KA57 -RF37	4P	15	235	90.86	1.70	KA-F-47	4P
9.6	325	145	1.85	KAF57-RF37	4P	16	220	85.12	1.85	KA-A-47	4P
11	290	129	2.1			18	193	75.20	2.1	KA-A-F-47	4P
12	245	111	2.4			20	179	69.84	2.2		
14	215	97	2.8			22	162	63.30	2.5		
3.9	910	174.19	3.0	K-87	8P						
4.1	850	164.34	3.2	KA-F-87	8P						
4.6	765	147.33	3.5	KA-A-87	8P	14	250	97.81	0.80		
						16	215	83.69	0.95		
						19	186	72.54	1.10		
						20	174	67.80	1.15		
						24	150	58.60	1.35		
						28	128	49.79	1.55	K-37	4P
						31	114	44.46	1.75	KA-F-37	4P
						36	97	37.97	2.1	KA-A-37	4P
						39	91	35.57	2.2	KA-A-F-37	4P
						46	77	29.96	2.6		
						48	74	28.83	2.7		
						55	64	24.99	3.1		
						59	60	23.36	3.3		
						68	52	20.19	3.6		
						80	44	17.15	4.1		
						90	39	15.32	4.5		
						105	34	13.08	4.9		
5.0	705	135.28	2.2	K-77	8P						
5.3	670	128.52	2.3	KA-F-77	8P						
6.0	590	113.56	2.6	KA-A-77	8P						
7.0	505	97.05	3.1	KA-A-F-77	8P						
5.8	605	154.02	2.6	K-77	6P						
6.7	530	135.28	2.9	KA-F-77	6P						
7.0	505	128.52	3.1	KA-A-77	6P						
7.9	445	113.56	3.5	KA-A-F-77	6P						



输出转速 Output speed (r/min)	输出扭矩 Output torque (N. M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N. M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
0.37KW						0.55KW					
114	31	12.14	5.1			1.4	3260	951	0.85		
132	27	10.49	5.9	K-37	4P	1.6	2860	837	0.95		
155	23	8.91	7.0	KA-F-37	4P	1.9	2480	726	1.10		
173	20	7.96	7.6	KA-A-37	4P	2.1	2190	638	1.25		
203	17	6.80	8.6	KA-A-F-37	4P	2.4	1920	562	1.40	K87 -RF57	4P
217	16	6.37	8.9			2.9	1620	474	1.65	KF87 -RF57	4P
257	14	5.36	10			3.2	1450	426	1.85	KA87 -RF57	4P
0.55KW						0.55KW					
0.08	55900	16978	0.90			3.7	1260	373	2.1	KAF87-RF57	4P
0.10	46500	14272	1.10	K187 -RF97	4P	4.1	1110	330	2.4		
0.10	42500	13116	1.20	KA187-RF97	4P	4.6	990	294	2.7		
0.12	37400	11647	1.35			5.4	850	250	3.2		
0.19	23900	7343	2.1			5.8	800	236	3.4		
0.12	38400	11573	0.85			6.8	680	201	4.0		
0.13	33800	10264	0.95			2.5	1900	552	0.80		
0.16	28100	8628	1.15	K167 -RF97	4P	2.8	1670	485	0.95		
0.21	21400	6562	1.50	KA167-RF97	4P	3.2	1470	428	1.05		
0.25	17200	5355	1.85			3.7	1270	367	1.20	K77 -RF37	4P
0.33	13200	4079	2.4			4.2	1130	328	1.35	KF77 -RF37	4P
0.20	22400	6881	0.80	K157 -RF97	4P	4.7	1000	290	1.55	KA77 -RF37	4P
0.23	19300	5931	0.95	KF157 -RF97	4P	5.4	870	252	1.80	KAF77-RF37	4P
0.34	13000	3979	1.40	KA157 -RF97	4P	6.2	760	221	2.0		
0.45	9940	3051	1.80	KAF157-RF97	4P	7.0	670	195	2.3		
0.31	14900	4423	0.85			7.8	600	175	2.6		
0.35	13000	3889	1.00			8.8	530	154	2.9		
0.41	11100	3311	1.20			4.9	960	279	0.85		
0.45	10000	3009	1.30	K127 -RF77	4P	5.5	840	246	0.95		
0.52	8630	2607	1.50	KF127 -RF77	4P	6.2	745	217	1.10	K67 -RF37	4P
0.71	6560	1926	2.0	KA127 -RF77	4P	7.1	660	191	1.25	KF67 -RF37	4P
0.77	5980	1757	2.2	KAF127-RF77	4P	8.2	570	166	1.45	KA67 -RF37	4P
0.88	5220	1541	2.5			9.4	495	144	1.65	KAF67-RF37	4P
1.0	4570	1342	2.8			11	420	122	1.95		
1.2	3990	1177	3.3			7.1	660	192	0.90		
1.3	3490	1025	3.7			8.2	575	166	1.05	K57 -RF37	4P
0.46	10100	2977	0.80			9.4	495	145	1.20	KF57 -RF37	4P
0.52	8770	2599	0.90			11	445	129	1.35	KA57 -RF37	4P
0.59	7690	2286	1.05			12	380	111	1.60	KAF57-RF37	4P
0.70	6520	1939	1.25			14	335	97	1.80		
0.79	5850	1713	1.35	K107 -RF77	4P	3.9	1350	174.19	2.0	K-87	8P
0.87	5310	1554	1.50	KF107 -RF77	4P	4.1	1270	164.34	2.1	KA-F-87	8P
1.0	4570	1336	1.75	KA107 -RF77	4P	4.6	1140	147.32	2.4	KA-A-87	8P
1.2	3990	1166	2.0	KAF107-RF77	4P	4.6	1150	197.37	2.3	K-87	6P
1.3	3450	1030	2.3			5.2	1020	174.19	2.7	KA-F-87	6P
1.5	3000	904	2.7			5.5	960	164.34	2.8	KA-A-87	6P
1.7	2700	793	3.0			6.1	860	147.33	3.1	KA-A-F-87	6P
2.0	2360	696	3.4			5.0	1040	135.28	1.50	K-77	8P
2.2	2050	615	3.9			5.3	990	128.52	1.55	KA-F-77	8P
0.95	4880	1430	0.90			6.0	880	113.56	1.75	KA-A-77	8P
1.1	4380	1261	1.00			7.0	750	97.05	2.1	KA-A-F-77	8P
1.2	3820	1102	1.15			5.8	900	154.02	1.70	K-77	6P
1.4	3320	957	1.30	K97 -RF57	4P	6.7	790	135.28	1.95	KA-F-77	6P
1.6	2960	855	1.45	KF97 -RF57	4P	7.0	750	128.52	2.1	KA-A-77	6P
1.8	2520	743	1.70	KA97 -RF57	4P	7.9	665	113.56	2.3	KA-A-F-77	6P
2.1	2220	652	1.95	KAF97-RF57	4P	8.8	595	154.02	2.6	K-77	4P
2.4	1970	573	2.2			10	520	135.28	3.0	KA-F-77	4P
2.7	1700	504	2.5			11	495	128.52	3.1	KA-A-77	4P
3.1	1470	437	2.9			12	440	113.56	3.5	KA-A-F-77	4P
3.6	1300	382	3.3			14	375	97.05	4.1		
4.5	1040	305	4.1								



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
0.55KW						0.75KW					
7.3	720	123.54	1.15			0.16	38600	8628	0.85		
8.3	630	108.03	1.30	K-67	6P	0.21	29300	6562	1.10	K167 -RF97	4P
8.8	600	102.62	1.35	KA-F-67	6P	0.26	23700	5355	1.35	KA167-RF97	4P
10	525	90.04	1.55	KA-A-67	6P	0.34	18200	4079	1.75		
12	445	76.37	1.85	KA-A-F-67	6P	0.41	15100	3376	2.1		
11	475	123.54	1.70	K-67	4P	0.35	17800	3979	1.00	K157 -RF97	4P
13	415	108.03	1.95	KA-F-67	4P	0.45	13600	3051	1.30	KF157 -RF97	4P
15	350	90.04	2.4	KA-A-67	4P	0.83	7440	1659	2.4	KA157 -RF97	4P
18	295	76.37	2.8	KA-A-F-67	4P	1.0	6040	1365	3.0	KAF157-RF97	4P
8.3	630	108.29	0.95			0.42	15100	3311	0.85		
8.8	600	102.88	1.00			0.46	13700	3009	0.95		
10	525	90.26	1.15	K-57	6P	0.53	11800	2607	1.10		
12	445	76.56	1.35	KA-F-57	6P	0.72	8930	1926	1.45	K127 -RF77	4P
13	405	69.12	1.50	KA-A-57	6P	0.79	8150	1757	1.60	KF127 -RF77	4P
15	355	60.81	1.70	KA-A-F-57	6P	0.90	7120	1541	1.85	KA127 -RF77	4P
16	335	57.42	1.80			1.0	6220	1342	2.1	KAF127-RF77	4P
11	480	123.85	1.25			1.2	5440	1177	2.4		
13	420	108.29	1.45			1.4	4750	1025	2.7		
13	395	102.88	1.50	K-57	4P	1.5	4150	899	3.1		
15	350	90.26	1.70	KA-F-57	4P	0.81	7960	1713	1.00		
18	295	76.56	2.0	KA-A-57	4P	0.89	7230	1554	1.10		
20	265	69.12	2.2	KA-A-F-57	4P	1.0	6210	1336	1.30	K107 -RF77	4P
22	235	60.81	2.6			1.2	5420	1166	1.50	KF107 -RF77	4P
24	220	57.42	2.7			1.3	4710	1030	1.70	KA107 -RF77	4P
13	405	104.37	1.00			1.5	4120	904	1.95	KAF107-RF77	4P
15	350	90.86	1.15			1.7	3680	793	2.2		
16	330	85.12	1.20	K-47	4P	2.0	3210	696	2.5		
18	290	75.20	1.40	KA-F-47	4P	2.2	2800	615	2.8		
19	270	69.84	1.50	KA-A-47	4P	1.2	5180	1102	0.85		
21	245	63.30	1.65	KA-A-F-47	4P	1.4	4490	957	0.95		
24	220	56.83	1.80			1.6	4020	855	1.05		
28	189	48.95	2.1			1.9	3430	743	1.25		
30	178	46.04	2.2			2.1	3020	652	1.40	K97 -RF57	4P
23	225	58.60	0.90			2.4	2680	573	1.60	KF97 -RF57	4P
27	192	49.79	1.05			2.7	2320	504	1.85	KA97 -RF57	4P
31	172	44.46	1.15			3.2	2010	437	2.1	KAF97-RF57	4P
36	147	37.97	1.35			3.6	1770	382	2.4		
38	137	35.57	1.45			4.5	1420	305	3.0		
45	116	29.96	1.75			5.4	1190	258	3.6		
47	111	28.83	1.80	K-37	4P	5.9	1080	232	4.0		
54	97	24.99	2.1	KA-F-37	4P	6.9	920	199	4.7		
58	90	23.36	2.2	KA-A-37	4P	1.9	3370	726	0.80		
67	78	20.19	2.4	KA-A-F-37	4P	2.2	2970	638	0.90		
79	66	17.15	2.7			2.5	2610	562	1.05		
89	59	15.23	3.0			2.9	2200	474	1.25	K87 -RF57	4P
104	51	13.08	3.3			3.2	1980	426	1.35	KF87 -RF57	4P
112	47	12.14	3.4			3.7	1720	373	1.55	KA87 -RF57	4P
130	41	10.49	4.0			4.2	1520	330	1.80	KAF87-RF57	4P
153	34	8.91	4.7			4.7	1350	294	2.0		
171	31	7.96	5.1			5.5	1160	250	2.3		
200	26	6.80	5.7			5.8	1100	236	2.5		
214	25	6.37	5.9			6.9	930	201	2.9		
254	21	5.36	6.8			3.8	1720	367	0.90		
0.75KW						4.2	1540	328	1.00	K77 -RF37	4P
0.11	58400	13116	0.85			4.8	1360	290	1.15	KF77 -RF37	4P
0.12	51500	11647	0.95	K187 -RF97	4P	5.5	1180	252	1.30	KA77 -RF37	4P
0.19	32800	7343	1.50	KA187-RF97	4P	6.2	1030	221	1.50	KAF77-RF37	4P
0.20	30000	6747	1.65			3.9	1830	176.05	2.3	K-97	8P
0.23	26500	5991	1.90			4.5	1590	153.21	2.7	KA-F-97	8P
						4.9	1460	140.28	3.0	KA-A-97	8P
										KA-A-F-97	8P



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
0.75KW						0.75KW					
4.7	1530	147.32	1.75	K-87	8P	155	46	8.91	3.5		
5.4	1320	126.91	2.0	KA-F-87	8P	173	41	7.96	3.8	K-37	4P
6.0	1200	115.82	2.2	KA-A-87	8P	203	35	6.80	4.2	KA-F-37	4P
6.7	1070	102.71	2.5	KA-A-F-87	8P	217	33	6.37	4.4	KA-A-37	4P
						257	28	5.36	5.0	KA-A-F-37	4P
5.2	1390	174.19	1.95	K-87	6P	1.1KW					
5.5	1310	164.34	2.1	KA-F-87	6P						
6.1	1170	147.32	2.3	KA-A-87	6P						
7.1	1010	126.91	2.7	KA-A-F-87	6P						
7.0	1020	197.37	2.6	K-87	4P						
7.9	900	174.19	3.0	KA-F-87	4P						
8.4	850	164.34	3.2	KA-A-87	4P						
9.4	765	147.32	3.5	KA-A-F-87	4P						
6.7	1080	135.28	1.45								
7.0	1020	128.52	1.50	K-77	6P						
7.9	900	113.56	1.70	KA-F-77	6P	0.15	60700	9363	0.80		
9.3	770	97.05	2.0	KA-A-77	6P	0.17	52400	8126	0.95		
10	710	88.97	2.2	KA-A-F-77	6P	0.19	48300	7343	1.05	K187 -RF97	4P
9.0	800	154.02	1.95			0.21	44300	6474	1.15	KA187-RF97	4P
10	700	135.28	2.2	K-77	4P	0.23	39200	5991	1.30		
11	665	128.52	2.3	KA-F-77	4P	0.26	34900	5358	1.45		
12	590	113.56	2.6	KA-A-77	4P	0.29	31200	4817	1.60		
14	505	97.05	3.1	KA-A-F-77	4P	0.32	28300	4370	1.75		
11	640	123.54	1.30			0.26	35000	5355	0.90		
13	560	108.03	1.45	K-67	4P	0.29	31200	4788	1.05		
15	465	90.04	1.75	KA-F-67	4P	0.34	26800	4079	1.20	K167 -RF97	4P
18	395	76.37	2.1	KA-A-67	4P	0.41	22200	3376	1.45	KA167-RF97	4P
20	360	68.95	2.3	KA-A-F-67	4P	0.51	18000	2755	1.80		
23	315	60.66	2.6			0.64	14600	2182	2.2		
24	295	57.28	2.8			0.82	11300	1704	2.8		
11	645	123.85	0.95			0.99	9330	1408	3.4		
13	560	108.29	1.05			1.1	8560	1296	3.7		
13	535	102.88	1.10			0.40	22900	3516	0.80		
15	470	90.26	1.30	K-57	4P	0.46	20100	3051	0.90		
18	395	76.56	1.50	KA-F-57	4P	0.54	16900	2610	1.05	K157 -RF97	4P
20	360	69.12	1.65	KA-A-57	4P	0.60	15100	2322	1.20	KF157 -RF97	4P
23	315	60.81	1.92	KA-A-F-57	4P	0.84	11000	1659	1.65	KA157 -RF97	4P
24	300	57.42	2.0			1.0	8970	1365	2.0	KAF157-RF97	4P
28	255	48.89	2.4			1.1	8030	1229	2.2		
31	230	44.43	2.6			1.3	7150	1093	2.5		
18	390	75.20	1.00			1.5	6160	942	2.9		
20	365	69.84	1.10			1.6	5550	854	3.2		
22	330	63.30	1.20			0.73	13100	1926	1.00		
24	295	56.83	1.35	K-47	4P	0.80	11900	1757	1.10		
28	255	48.95	1.55	KA-F-47	4P	0.91	10400	1541	1.25		
30	240	46.04	1.65	KA-A-47	4P	1.0	9100	1342	1.45	K127 -RF77	4P
35	205	39.61	1.95	KA-A-F-47	4P	1.2	7960	1177	1.65	KF127 -RF77	4P
39	184	35.39	2.2			1.4	6950	1025	1.85	KA127 -RF77	4P
44	162	31.30	2.5			1.6	6080	899	2.1	KAF127-RF77	4P
31	230	44.46	0.85			1.8	5270	790	2.5		
36	197	37.97	1.00			2.0	4740	704	2.7		
39	185	35.57	1.10			2.3	4090	610	3.2		
46	156	29.96	1.30			2.5	3690	549	3.5		
48	150	28.83	1.35	K-37	4P	2.9	3180	477	4.1		
55	130	24.99	1.55	KA-F-37	4P	1.2	7920	1166	1.00		
59	121	23.36	1.60	KA-A-37	4P	1.4	6920	1030	1.15		
68	105	20.19	1.75	KA-A-F-37	4P	1.5	6050	904	1.30		
80	89	17.15	2.0			1.8	5380	793	1.50	K107 -R77	4P
90	80	15.32	3.2			2.0	4700	696	1.70	KF107 -R77	4P
105	68	13.08	2.4			2.3	4120	615	1.95	KA107 -R77	4P
114	63	12.14	2.5			2.7	3500	522	2.3	KAF107-R77	4P
132	54	10.49	2.9			3.0	3080	461	2.6		
						3.4	2720	408	2.9		
						3.8	2450	364	3.3		
						4.4	2140	318	3.7		
						1.9	5030	743	0.85		
						2.2	4420	652	0.95	K97 -RF57	4P
						2.4	3910	573	1.10	KF97 -RF57	4P
						2.8	3400	504	1.25	KA97 -RF57	4P
						3.2	2940	437	1.45	KAF97-RF57	4P
						3.7	2590	382	1.65		
						4.1	2300	342	1.85		



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
1.1KW						1.1KW					
3.0	3220	474	0.85			58	181	24.05	3.3		
3.3	2890	426	0.95			62	170	22.71	3.5		
3.8	2520	373	1.05	K87 -RF57	4P	72	145	19.34	4.0		
4.2	2230	330	1.20	KF87 -RF57	4P	80	132	17.57	4.2		
4.8	1980	294	1.35	KA87 -RF57	4P	92	114	15.22	4.7	K-57	4P
5.6	1700	250	1.60	KA87 -RF57	4P	106	99	13.25	5.1	KA-F-57	4P
5.9	1600	236	1.70			117	90	11.92	4.6	KA-A-57	4P
7.0	1360	201	2.0			124	85	11.26	4.9	KA-A-F-57	4P
						146	72	9.59	5.6		
3.9	2720	176.05	1.60	K-97	8P	161	65	8.71	6.0		
4.4	2370	153.21	1.80	KA-F-97	8P	186	57	7.55	6.4		
4.8	2170	140.28	2.0	KA-A-97	8P	213	49	6.57	7.0		
5.5	1910	123.93	2.2	KA-A-F-97	8P						
5.2	2010	176.05	2.1	K-97	6P	25	425	56.83	0.95		
6.0	1750	153.21	2.5	KA-F-97	6P	29	265	48.95	1.10		
6.6	1600	140.28	2.7	KA-A-97	6P	30	345	46.04	1.15		
7.4	1420	123.93	3.0	KA-A-F-97	6P	35	295	39.61	1.35	K-47	4P
						40	265	35.39	1.50	KA-F-47	4P
						45	235	31.30	1.70	KA-A-47	4P
7.9	1320	176.05	3.3	K-97	4P	48	220	29.32	1.80	KA-A-F-47	4P
9.1	1150	153.21	3.7	KA-F-97	4P	54	194	25.91	2.1		
10	1050	140.28	4.1	KA-A-97	4P	64	164	21.81	2.4		
				KA-A-F-97	4P	72	147	19.58	2.7		
5.3	1990	174.19	1.35	K-87	6P	47	225	29.96	0.90		
5.6	1880	164.34	1.45	KA-F-87	6P	56	188	24.99	1.05		
6.2	1680	147.33	1.60	KA-A-87	6P	60	175	23.36	1.10		
7.2	1450	126.91	1.85	KA-A-F-87	6P	69	152	20.19	1.20		
						82	129	17.15	1.40		
8.0	1310	174.19	2.1			91	115	15.32	1.50	K-37	4P
8.5	1230	164.34	2.2	K-87	4P	107	98	13.08	1.70	KA-F-37	4P
9.5	1110	147.32	2.4	KA-F-87	4P	115	91	12.14	1.75	KA-A-37	4P
11	950	126.91	2.8	KA-A-87	4P	133	79	10.49	2.0	KA-A-F-37	4P
12	870	115.82	3.1	KA-A-F-87	4P	157	67	8.91	2.4		
						176	60	7.96	2.6		
6.8	1540	135.28	1.00	K-77	6P	206	51	6.80	2.9		
7.2	1470	128.52	1.05	KA-F-77	6P	220	48	6.37	3.0		
8.1	1300	113.56	1.20	KA-A-77	6P	261	40	5.36	3.5		
9.5	1110	97.05	1.40	KA-A-F-77	6P						
10	1020	135.28	1.55			1.5KW					
11	960	128.52	1.60	K-77	4P	0.21	60700	6747	0.80		
12	850	113.56	1.80	KA-F-77	4P	0.24	53700	5991	0.95		
14	730	97.05	2.1	KA-A-77	4P	0.26	47900	5358	1.05		
16	670	88.97	2.3	KA-A-F-77	4P	0.29	42900	4817	1.15		
18	585	78.07	2.7			0.32	38900	4370	1.30	K187 -RF97	4P
19	555	73.99	2.8			0.39	33000	3609	1.50	KA187-RF97	4P
						0.46	27800	3062	1.80		
13	810	108.03	1.00			0.56	22800	2519	2.2		
14	770	102.62	1.05			0.62	20400	2268	2.5		
16	675	90.04	1.20								
18	575	76.37	1.45	K-67	4P	0.35	36700	4079	0.85		
20	515	68.95	1.60	KA-F-67	4P	0.42	30400	3376	1.05		
23	455	60.66	1.80	KA-A-67	4P	0.51	24700	2755	1.30	K167 -RF97	4P
24	430	57.28	1.90	KA-A-F-67	4P	0.65	19900	2182	1.60	KA167-RF97	4P
29	365	48.77	2.2			0.83	15500	1704	2.1		
32	335	44.32	2.5			1.0	12800	1408	2.5		
36	290	38.39	2.8			1.1	11800	1296	2.7		
16	675	90.26	0.90			0.61	20700	2322	0.85		
18	575	76.56	1.05			0.85	15100	1659	1.20		
20	520	69.12	1.15			1.0	12300	1365	1.45	K157 -RF97	4P
23	455	60.81	1.30	K-57	4P	1.1	11100	1229	1.65	KF157 -RF97	4P
24	430	57.42	1.40	KA-F-57	4P	1.3	9840	1093	1.85	KA157 -RF97	4P
29	365	48.89	1.65	KA-A-57	4P	1.5	8480	942	2.1	KAF157-RF97	4P
32	335	44.43	1.80	KA-A-F-57	4P	1.6	7650	854	2.3		
36	290	38.49	2.1			2.5	5050	567	3.6		
39	270	35.70	2.2			2.8	4490	504	4.0		
46	225	30.28	2.6								
51	205	27.34	2.9								



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
1.5KW						1.5KW					
2.6	4820	536	2.7	K127 -RF87	4P	6.2	2290	147.33	1.20	K-87	6P
3.4	3770	418	3.5	KF127 -RF87	4P	7.2	1980	126.91	1.35	KA-F-87	6P
3.8	3330	367	3.9	KA127 -RF87	4P	7.9	1800	115.82	1.50	KA-A-87	6P
				KAF127-RF87	4P	9.0	1600	102.71	1.70	KA-A-F-87	6P
0.80	16200	1757	0.80			8.1	1770	174.19	1.55		
0.91	14200	1541	0.90			8.6	1670	164.34	1.60	K-87	4P
1.0	12400	1342	1.05			9.6	1500	147.32	1.80	KA-F-87	4P
1.2	10900	1177	1.20			11	1290	126.91	2.1	KA-A-87	4P
1.4	9470	1025	1.35	K127 -RF77	4P	12	1180	115.82	2.3	KA-A-F-87	4P
1.6	8300	899	1.55	KF127 -RF77	4P	14	1040	102.71	2.6		
1.8	7210	790	1.80	KA127 -RF77	4P	16	880	86.34	3.1		
2.0	6480	704	2.0	KAF127-RF77	4P						
2.3	5590	610	2.3			8.1	1770	113.56	0.90	K-77	6P
2.6	5040	549	2.6			9.5	1510	97.05	1.05	KA-F-77	6P
3.0	4360	477	3.0			10	1390	88.97	1.10	KA-A-77	6P
3.4	3840	418	3.4			12	1220	78.07	1.30	KA-A-F-77	6P
1.4	9460	1030	0.85			10	1370	135.28	1.15		
1.6	8280	904	0.95			11	1310	128.52	1.20		
1.8	7330	793	1.10			12	1150	113.56	1.35		
2.0	6420	696	1.25	K107 -RF77	4P	15	990	97.05	1.55		
2.3	5640	615	1.40	KF107 -RF77	4P	16	900	88.97	1.70	K-77	4P
2.7	4780	522	1.65	KA107 -RF77	4P	18	795	78.07	1.95	KA-F-77	4P
3.1	4210	461	1.90	KAF107-RF77	4P	19	750	73.99	2.1	KA-A-77	4P
3.5	3720	408	2.2			22	660	64.76	2.4	KA-A-F-77	4P
3.9	3350	364	2.4			24	595	58.34	2.6		
4.4	2920	318	2.7			28	520	51.18	3.0		
						31	460	45.16	3.4		
						35	405	40.04	3.8		
2.5	5320	573	0.80			16	910	90.04	0.90		
2.8	4650	504	0.95			18	775	76.37	1.05		
3.2	4020	437	1.05	K97 -RF57	4P	20	700	68.95	1.15		
3.7	3540	382	1.20	KF97 -RF57	4P	23	615	60.66	1.35	K-67	4P
4.1	3140	342	1.35	KA97 -RF57	4P	25	580	57.28	1.40	KA-F-67	4P
4.6	2820	305	1.50	KAF97-RF57	4P	29	495	48.77	1.65	KA-A-67	4P
5.5	2380	258	1.80			32	450	44.32	1.80	KA-A-F-67	4P
6.1	2140	232	2.0			37	390	38.39	2.0		
7.1	1840	199	2.3			40	360	35.62	2.3		
						47	305	30.22	2.7		
4.3	3040	330	0.90			52	275	27.28	3.0		
4.8	2700	294	1.00	K87 -RF57	4P	59	245	24.00	3.3		
5.6	2310	250	1.15	KF87 -RF57	4P						
6.0	2180	236	1.25	KA87 -RF57	4P						
7.0	1860	201	1.45	KAF87-RF57	4P						
7.7	1690	183	1.60								
4.9	2940	143.47	2.7	K-107	8P	23	620	60.81	0.95		
5.8	2490	121.46	3.2	KA-F-107	8P	25	585	57.42	1.05		
6.2	2300	112.41	3.5	KA-A-107	8P	29	495	48.89	1.20		
				KA-A-F-107	8P	32	450	44.43	1.35	K-57	4P
						37	390	38.49	1.55	KA-F-57	4P
						39	365	35.70	1.65	KA-A-57	4P
						47	310	30.28	1.95	KA-A-F-57	4P
4.6	3140	153.21	1.35	K-97	8P	52	280	27.34	2.2		
5.0	2870	140.28	1.50	KA-F-97	8P	59	245	24.05	2.5		
5.7	2540	123.98	1.70	KA-A-97	8P	62	230	22.71	2.6		
				KA-A-F-97	8P	73	196	19.34	2.9		
5.2	2740	176.05	1.55	K-97	6P	36	400	39.61	1.00		
6.0	2390	153.21	1.80	KA-F-97	6P	40	360	35.39	1.10		
6.6	2180	140.28	1.95	KA-A-97	6P	45	320	31.30	1.25		
7.4	1930	123.93	2.2	KA-A-F-97	6P	48	300	29.32	1.35	K-47	4P
						54	265	25.91	1.50	KA-F-47	4P
						65	220	21.81	1.80	KA-A-47	4P
						72	199	19.58	2.0	KA-A-F-47	4P
						84	171	16.86	2.2		
						89	161	15.86	2.4		
						103	139	13.65	2.6		
						116	124	12.19	2.8		
						120	120	11.77	2.3		



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
1.5KW						2.2KW					
60	235	23.36	0.80			3.7	5210	382	0.80		
70	205	20.19	0.90			4.1	4640	342	1.95	K97-RF57	4P
82	174	17.15	1.05			4.6	4170	305	1.05	KF97-RF57	4P
92	156	15.32	1.10	K-37	4P	5.5	3510	258	1.20	KA97-RF57	4P
108	133	13.08	1.25	KA-F-37	4P	6.1	3160	232	1.35	KAF97-RF57	4P
116	123	12.14	1.30	KA-A-37	4P	7.1	2710	199	1.60		
134	107	10.49	1.50	KA-A-F-37	4P						
158	91	8.91	1.75			4.9	1310	143.47	1.85	K-107	8P
177	81	7.96	1.90			5.8	3650	121.46	2.2	KA-F-107	8P
207	69	6.80	2.2			6.2	3370	112.41	2.4	KA-A-107	8P
221	65	6.37	2.2			6.9	3020	100.75	2.7	KA-A-F-107	8P
263	55	5.36	2.6								
2.2KW						3.0KW					
0.32	57900	4370	0.85			6.1	3420	153.21	1.25	K-97	6P
0.50	37000	2818	1.35			6.7	3140	140.28	1.35	KA-F-97	6P
0.39	48800	3609	1.00			7.6	2770	123.93	1.55	KA-A-97	6P
0.46	41300	3062	1.20	K187-RF97	4P	8.9	2350	105.13	1.85	KA-A-F-97	6P
0.56	33800	2519	1.50	KA187-RF97	4P						
0.62	30400	2268	1.65			8.0	2620	176.05	1.65		
0.69	27400	2054	1.80			9.2	2280	153.21	1.90	K-97	4P
0.77	24200	1821	2.1			10	2090	140.28	2.1	KA-F-97	4P
0.88	21400	1605	2.3			11	1850	123.93	2.3	KA-A-97	4P
						13	1570	105.13	2.8	KA-A-F-97	4P
						15	1440	96.80	3.0		
3.0KW						4.0KW					
0.51	36600	2755	0.85			9.6	2200	147.32	1.25		
0.62	29800	2263	1.05			11	1890	126.91	1.45		
0.65	29500	2182	1.10	K167-RF97	4P	12	1730	115.82	1.55	K-87	4P
0.83	22900	1704	1.40	KA167-RF97	4P	14	1530	102.71	1.75	KA-F-87	4P
1.0	19000	1408	1.70			16	1290	86.34	2.1	KA-A-87	4P
1.1	17400	1296	1.85			18	1180	79.34	2.3	KA-A-F-87	4P
1.3	14700	1101	2.2			20	1050	70.46	2.6		
1.5	12600	944	2.5			22	940	63.00	2.9		
4.0KW						5.5KW					
0.85	22400	1659	0.80			12	1690	113.56	0.90		
1.0	18300	1365	1.00			15	1450	97.05	1.05		
1.1	16500	1229	1.10	K157-RF97	4P	16	1330	88.97	1.15		
1.3	14600	1093	1.25	KF157-RF97	4P	18	1160	78.07	1.35	K-77	4P
1.5	12600	942	1.45	KA157-RF97	4P	19	1100	73.99	1.40	KA-F-77	4P
1.6	11400	854	1.60	KAF157-RF97	4P	22	960	64.76	1.60	KA-A-77	4P
1.9	9990	756	1.80			24	870	58.34	1.80	KA-A-F-77	4P
						28	765	51.18	2.0		
						31	675	45.16	2.3		
2.6	7180	536	1.80	K127-RF87	4P	35	595	40.04	2.6		
3.0	6310	473	2.1	KF127-RF87	4P	40	525	35.19	3.0		
3.4	5600	418	2.3	KA127-RF87	4P	46	460	30.88	3.4		
3.8	4950	367	2.6	KAF127-RF87	4P	48	435	29.26	3.6		
4.3	4440	330	2.9			55	380	25.61	4.1		
5.5KW						7.5KW					
1.4	14000	1025	0.95			23	900	60.66	0.90		
1.6	12200	899	1.05	K127-RF77	4P	25	850	57.28	0.95		
1.8	10700	790	1.20	KF127-RF77	4P	29	725	48.77	1.15		
2.0	9580	704	1.35	KA127-RF77	4P	32	660	44.32	1.25		
2.3	8280	610	1.55	KAF127-RF77	4P	37	570	38.39	1.40		
2.6	7460	549	1.75			40	530	35.61	1.55		
3.0	6460	477	2.0			47	450	30.21	1.80	K-67	4P
3.4	5680	418	2.3			52	405	27.27	2.0	KA-F-67	4P
						59	360	23.99	2.2	KA-A-67	4P
2.3	8340	615	0.95			62	340	22.66	2.3	KA-A-F-67	4P
2.7	7070	522	1.15			73	285	19.29	2.6		
3.1	6230	461	1.30	K107-RF77	4P	80	260	17.53	2.8		
3.5	5520	408	1.45	KF107-RF77	4P	93	225	15.19	3.1		
3.9	4940	364	1.60	KA107-RF77	4P	107	197	13.22	3.4		
4.4	4320	318	1.85	KAF107-RF77	4P	113	186	12.48	2.8		
4.9	3890	286	2.1			133	158	10.63	3.2		
5.6	3410	251	2.3			146	144	9.66	3.3		
						169	125	8.37	3.5		
						194	109	7.28	3.9		



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
3. OKW						4. OKW					
16	1820	88.97	0.85			1.0	34000	1395	1.45		
18	1600	78.07	0.95			1.2	29200	1196	1.70	K187-RF97	4P
19	1510	73.99	1.00			1.4	25600	1046	1.95	KA187-RF97	4P
22	1330	64.76	1.15	K-77	4P	1.5	23100	945	2.2		
24	1190	58.34	1.30	KA-F-77	4P	1.0	34600	1408	0.90		
27	1050	51.18	1.50	KA-A-77	4P	1.1	31900	1296	1.00		
31	920	56.16	1.70	KA-A-F-77	4P	1.3	26900	1101	1.20	K167-RF97	4P
35	820	40.04	1.90			1.5	23100	944	1.40	KA187-RF97	4P
40	720	35.19	2.2			1.7	20500	843	1.55		
45	630	30.88	2.5			1.9	18500	757	1.75		
						2.2	15400	632	2.1		
32	910	44.32	0.90			1.7	20900	854	0.85		
36	785	38.39	1.00			1.9	18400	756	1.00	K157-RF97	4P
39	730	35.61	1.15			2.5	13800	567	1.30	KF157-RF97	4P
46	620	30.21	1.35	K-67	4P	2.8	12300	504	1.45	KA157-RF97	4P
51	560	27.27	1.45	KA-F-67	4P	3.3	10600	434	1.70	KAF157-RF97	4P
58	490	23.99	1.65	KA-A-67	4P						
62	465	22.66	1.70	KA-A-F-67	4P	2.7	13100	536	1.00		
73	395	19.29	1.95			3.0	11600	473	1.10		
80	360	17.53	2.1			3.4	10300	418	1.25	K127-RF87	4P
92	310	15.19	2.2			3.9	9040	367	1.45	KF127-RF87	4P
106	270	13.22	2.5			4.3	8120	330	1.60	KA127-RF87	4P
112	255	12.48	2.1			5.0	7010	287	1.85	KAF127-RF87	4P
132	220	10.63	2.3			5.6	6200	253	2.1		
145	198	9.66	2.4								
46	620	30.28	0.95			2.3	15100	610	0.85	K127-RF77	4P
51	560	27.34	1.05			2.6	13600	549	0.95	KF127-RF77	4P
58	490	24.05	1.20			3.0	11800	477	1.10	KA127-RF77	4P
62	465	22.71	1.30			3.4	10300	418	1.25	KAF127-RF77	4P
72	395	19.34	1.45								
80	360	17.57	1.55	K-57	4P	3.9	8990	364	0.90		
92	310	15.22	1.70	KA-F-57	4P	4.5	7860	318	1.00		
106	270	13.25	1.90	KA-A-57	4P	5.0	7080	286	1.15	K107-RF77	4P
117	245	11.92	1.70	KA-A-F-57	4P	5.7	6200	251	1.30	KF107-RF77	4P
124	230	11.26	1.80			6.4	5470	222	1.45	KA107-RF77	4P
146	196	9.59	2.1			7.2	4840	196	1.65	KAF107-RF77	4P
161	178	8.71	2.2			8.2	4290	174	1.70		
186	154	7.55	2.4			9.2	3800	154	1.90		
213	134	6.57	2.6			10	3440	140	2.1		
72	400	19.58	1.00								
83	345	16.86	1.10			7.1	4930	199	0.85	K97-RF57	4P
88	325	15.86	1.15								
103	280	13.65	1.30								
115	250	12.19	1.40	K-47	4P						
119	240	11.77	1.15	KA-F-47	4P	5.3	7220	136.35	1.80	K-127	8P
133	215	10.56	1.30	KA-A-47	4P	5.9	6500	122.67	2.0	K-F-127	8P
154	186	9.10	1.50	KA-A-F-47	4P	6.5	5850	110.35	2.2	K-A-127	8P
164	175	8.56	1.55								
190	151	7.36	1.65			6.6	5810	146.30	2.2	K-127	6P
213	135	6.58	1.80			7.1	5420	136.35	2.4	K-F-127	6P
241	119	5.81	1.95			7.8	4870	122.67	2.7	K-A-127	6P
						8.7	4380	110.35	3.0	K-A-F-127	6P
157	182	8.91	0.90								
176	163	7.96	0.95	K-37	4P	6.4	5960	112.41	1.35	K-107	8P
206	139	6.80	1.10	KA-F-37	4P	7.2	4340	100.75	1.50	KA-F-107	8P
220	130	6.37	1.10	KA-A-37	4P	7.9	4830	90.96	1.65	KA-A-107	8P
261	110	5.36	1.30	KA-A-F-37	4P	8.7	4380	82.61	1.85	KA-A-F-107	8P
4. OKW											
1.7	20300	835	2.5	K187-RF107	4P	6.7	5710	143.47	1.40	K-107	6P
2.7	12600	520	4.0	KA187-RF107	4P	7.9	4830	121.46	1.65	KA-F-107	6P
						8.5	4470	100.75	1.80	KA-A-107	6P
0.56	61900	2519	0.80			9.5	4010	112.41	2.0	KA-A-107	6P
0.63	55600	2268	0.90	K187-RF97	4P	11	3620	90.96	2.2	KA-A-F-107	6P
0.69	50300	2054	1.00	KA187-RF97	4P						
0.78	44500	1821	1.10								
0.88	39300	1605	1.25								



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
4.0KW						5.5KW					
9.9	3860	143.47	2.1			0.79	61100	1821	0.80		
12	3270	121.46	2.5			0.89	53900	1605	0.95		
13	3020	112.41	2.7	K-107	4P	1.0	46700	1395	1.05		
14	2710	100.75	3.0	KA-F-107	4P	1.2	40100	1196	1.25	K187-RF97	4P
16	2450	90.96	3.3	KA-A-107	4P	1.4	35100	1046	1.45	KA187-RF97	4P
17	2220	82.61	3.6	KA-A-F-107	4P	1.5	31700	945	1.60		
19	1970	73.30	4.1			1.9	24800	738	2.0		
						2.3	20800	621	2.4		
9.3	4120	153.21	1.05			1.3	36900	1101	0.85		
10	3770	140.28	1.15			1.5	31700	944	1.00		
11	3330	123.93	1.30	K-97	4P	1.7	28200	843	1.15		
14	2830	105.13	1.50	KA-F-97	4P	1.9	25400	757	1.25	K167-RF97	4P
15	2600	96.80	1.65	KA-A-97	4P	2.3	21200	632	1.50	KA167-RF97	4P
16	2330	86.52	1.85	KA-A-F-97	4P	2.5	18700	561	1.70		
18	2100	77.89	2.0			3.0	16100	481	2.0		
20	1900	70.54	2.3			3.4	14100	423	2.3		
12	3120	115.82	0.85			2.2	22100	661	0.80		
14	2760	102.71	1.00			2.5	19000	567	0.95	K157-RF97	4P
16	2320	86.34	1.15			2.8	16900	504	1.05	KF157-RF97	4P
18	2130	76.34	1.25	K-87	4P	3.3	14500	434	1.25	KA157-RF97	4P
20	1900	70.46	1.40	KA-F-87	4P	3.8	12700	379	1.40	KAF157-RF97	4P
23	1690	63.00	1.60	KA-A-87	4P	4.3	11100	333	1.60		
25	1520	56.64	1.75	KA-A-F-87	4P						
29	1320	49.16	2.0			3.4	14100	418	0.90		
32	1180	44.02	2.2			3.9	12400	367	1.05		
39	980	36.52	2.5			4.3	11100	330	1.15	K127-RF77	4P
						5.0	9620	287	1.35	KA127-RF77	4P
22	1740	64.76	0.90			5.6	8510	253	1.55	KF127-RF77	4P
24	1570	58.34	1.00			6.7	7150	213	1.80	KAF127-RF77	4P
28	1380	51.18	1.15			7.1	6740	200	1.80		
31	1210	45.16	1.30			8.6	5580	166	2.2		
35	1080	40.04	1.45	K-77	4P	9.8	4920	147	2.4		
37	1030	38.39	1.45	KA-F-77	4P						
40	950	35.19	1.65	KA-A-77	4P	6.4	7490	222	1.05		
46	830	30.88	1.85	KA-A-F-77	4P	7.3	6640	196	1.20	K107-RF77	4P
49	785	29.26	1.95			8.2	5870	174	1.25	KF107-RF77	4P
55	690	25.61	2.2			9.3	5200	154	1.40	KA107-RF77	4P
62	620	23.08	2.5			10	4720	140	1.55	KAF107-RF77	4P
70	545	20.24	2.8								
47	810	30.21	1.00			4.7	11100	150.41	1.60	K-157	8P
52	735	27.27	1.10			5.8	9050	122.39	2.0	K-F-157	8P
59	645	23.99	1.25			7.1	7410	100.22	2.4	K-A-157	8P
63	610	22.66	1.30			7.8	6780	91.65	2.7	K-A-F-157	8P
74	520	19.29	1.45	K-67	4P						
81	470	17.53	1.55	KA-F-67	4P	5.2	10100	136.35	1.30	K-127	8P
94	410	15.19	1.70	KA-A-67	4P	5.8	9060	122.67	1.45	K-F-127	8P
107	355	13.22	1.90	KA-A-F-67	4P	6.4	8150	110.35	1.60	K-A-127	8P
114	335	12.48	1.60			7.9	6650	90.03	1.95	K-A-F-127	8P
134	285	10.63	1.75								
147	260	9.66	1.85			7.1	7450	136.35	1.75	K-127	6P
170	225	8.37	1.95			7.8	6700	122.67	1.95	K-F-127	6P
195	196	7.28	2.1			8.7	6030	110.35	2.2	K-A-127	6P
						11	4920	90.03	2.6	K-A-F-127	6P
59	645	24.05	0.95			8.5	6150	112.41	1.30	K-107	6P
63	610	22.71	1.00			9.5	5510	100.75	1.45	KA-F-107	6P
73	520	19.34	1.10			11	4980	90.96	1.60	KA-A-107	6P
81	475	17.57	1.15	K-57	4P	12	4520	82.61	1.75	KA-A-F-107	6P
93	410	15.22	1.30	KA-F-57	4P						
107	355	13.25	1.45	KA-A-57	4P	10	5270	143.47	1.50		
119	320	11.92	1.30	KA-A-F-57	4P	12	4460	121.46	1.80	K-107	4P
126	305	11.26	1.35			13	4130	112.41	1.95	KA-F-107	4P
148	260	9.59	1.55			14	3700	100.75	2.2	KA-A-107	4P
163	235	8.71	1.65			16	3340	90.96	2.4	KA-A-F-107	4P
188	205	7.55	1.80			17	3030	82.61	2.6		
216	177	6.57	1.95								



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fb)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fb)	机型号 Type	电机级数 Motor pole
5.5KW						7.5KW					
12	4550	123.93	0.95			1.7	38700	843	0.85		
14	3860	105.13	1.10			1.9	34700	757	0.90		
15	3560	93.80	1.20	K-97	4P	2.3	29000	632	1.10	K167-RF97	4P
17	3180	86.52	1.35	KA-F-97	4P	2.5	25700	561	1.25	KA167-RF97	4P
18	2860	77.89	1.50	KA-A-97	4P	3.0	22100	481	1.45		
20	2590	70.54	1.65	KA-A-F-97	4P	3.4	19400	423	1.65		
23	2300	62.55	1.85			3.9	16900	369	1.90		
25	2080	56.55	2.1			3.3	19900	434	0.90	K157-RF97	4P
30	1760	47.93	2.4			3.8	17400	379	1.05	KF157-RF97	4P
17	3170	86.34	0.85			4.3	15300	333	1.20	KA157-RF97	4P
18	2910	79.34	0.95			4.9	13300	291	1.35	KAF157-RF97	4P
20	2590	70.46	1.05			4.3	15200	330	0.85		
23	2310	63.00	1.15	K-87	4P	5.0	13200	287	1.00		
25	2080	56.64	1.30	KA-F-87	4P	5.6	11600	253	1.10	K127-RF77	4P
29	1810	49.16	1.50	KA-A-87	4P	6.7	9790	213	1.35	KF127-RF77	4P
32	1620	44.02	1.60	KA-A-F-87	4P	7.1	9220	200	1.30	KA127-RF77	4P
39	1340	36.52	1.85			8.6	7640	166	1.55	KAF127-RF77	4P
46	1150	31.38	2.3			9.8	6740	147	1.80		
51	1020	27.87	2.5			4.4	16400	164.50	1.95	K167	8P
32	1660	45.16	0.95			5.3	13400	134.99	2.4	KA167	8P
36	1470	40.04	1.05			5.8	12300	164.50	2.6	K167	6P
46	1130	30.88	1.35			7.1	10100	134.99	3.2	KA167	6P
49	1070	29.26	1.45			6.4	11200	150.41	1.60	K-157	6P
56	940	25.61	1.65	K-77	4P	7.8	9130	122.39	1.95	K-F-157	6P
62	850	23.08	1.85	KA-F-77	4P	9.6	7480	100.22	2.4	K-A-157	6P
71	745	20.24	2.0	KA-A-77	4P	10	6840	91.65	2.6	K-A-F-157	6P
80	655	17.86	2.2	KA-A-F-77	4P	12	5950	79.65	3.0		
90	580	15.84	2.4			7.1	10200	136.35	1.30	K-127	6P
106	495	13.52	2.7			7.8	9140	122.67	1.40	K-F-127	6P
116	455	12.33	2.2			8.7	8220	110.35	1.60	K-A-127	6P
132	400	10.81	2.5			11	6710	90.03	1.95	K-A-F-127	6P
60	880	23.99	0.90			9.8	7320	146.30	1.80		
63	830	22.66	0.95			11	6820	136.35	1.90		
74	710	19.29	1.05			12	6130	122.67	2.1	K-127	4P
82	645	17.53	1.15	K-67	4P	13	5520	110.35	2.4	K-F-127	4P
94	560	15.19	1.25	KA-F-67	4P	16	4500	90.03	2.9	K-A-127	4P
108	485	13.22	1.40	KA-A-67	4P	17	4110	82.11	3.2	K-A-F-127	4P
115	460	12.48	1.15	KA-A-F-67	4P	20	3550	71.06	3.7		
135	390	10.63	1.30			10	7190	143.47	1.10		
148	355	9.66	1.35			12	6080	121.46	1.30		
171	305	8.37	1.45			13	5630	112.41	1.40		
196	265	7.28	1.55			14	5050	100.75	1.60		
81	645	17.57	0.85			16	4560	90.96	1.75	K-107	4P
94	560	15.22	0.95			17	4140	82.61	1.95	KA-F-107	4P
108	485	13.25	1.05			20	3670	73.30	2.2	KA-A-107	4P
120	440	11.92	0.95	K-57	4P	22	3330	66.52	2.4	KA-A-F-107	4P
127	415	11.26	1.00	KA-F-57	4P	25	2860	57.17	2.8		
149	35	9.59	1.15	KA-A-57	4P	29	2500	49.90	3.1		
164	320	8.71	1.20	KA-A-F-57	4P	34	2120	42.33	3.5		
190	275	7.55	1.30			39	1850	37.00	3.9		
218	240	6.57	1.45			15	4850	96.80	0.90	K-97	4P
7.5KW						17	4330	86.52	1.00	KA-F-97	4P
1.7	38200	835	1.30	K187-RF107	4P	18	3900	77.89	1.10	KA-A-97	4P
2.0	33300	729	1.50	KA187-RF107	4P	20	3530	70.54	1.20	KA-A-F-97	4P
2.3	28400	622	1.75			23	3130	62.55	1.35		
1.2	55000	1196	0.90								
1.4	48000	1046	1.05								
1.5	43400	945	1.15	K187-RF97	4P						
1.9	33900	738	1.45	KA187-RF97	4P						
2.3	28500	621	1.75								
2.7	24100	527	2.1								



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fb)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fb)	机型号 Type	电机级数 Motor pole																		
7.5KW						11KW																							
25	2830	56.55	1.50	K-97	4P	5.3	19700	134.99	1.60	K-167	8P																		
30	2400	47.93	1.80	KA-F-97	4P	6.6	16000	109.83	2.0	K-A-167	8P																		
34	2100	41.87	2.0	KA-A-97	4P	5.8 18000 164.50 1.80 K-167 6P 7.1 14800 134.99 2.2 K-A-167 6P																							
37	1920	38.29	2.2	KA-A-F-97	4P																								
42	1710	34.22	2.5			8.8 12000 164.50 2.7 K-167 4P 11 9850 134.99 3.2 K-A-167 4P																							
23 3160 63.00 0.85 25 2840 56.64 0.95 29 2460 49.16 1.10 32 2200 44.02 1.20 39 1830 36.52 1.35 K-97 4P 46 1570 31.38 1.70 KA-F-87 4P 51 1400 27.87 1.85 KA-A-87 4P 57 1250 24.92 2.0 KA-A-F-87 4P 64 1120 22.40 2.0 74 970 19.45 2.4 82 870 17.41 2.5 89 800 16.00 2.2 99 725 14.44 2.9																													
						46 1550 30.88 1.00 49 1470 29.26 1.05 56 1280 25.61 1.20 62 1160 23.08 1.35 71 1010 20.24 1.50 K-77 4P 80 890 17.86 1.60 KA-F-77 4P 90 795 15.84 1.75 KA-A-77 4P 106 675 13.52 2.0 KA-A-F-77 4P 116 620 12.33 1.60 132 545 10.81 1.80 150 480 9.54 1.95 169 425 8.46 2.13 198 365 7.22 2.3																							
												9.6 11000 150.41 1.65 K157 4P 12 8930 122.39 2.0 K-F-157 4P 14 7310 100.22 2.5 K-A-157 4P 16 6690 91.65 2.7 K-A-F-157 4P 11 9930 136.35 1.30 12 8930 122.67 1.45 K-127 4P 13 8040 110.35 1.60 K-F-127 4P 16 6560 90.03 2.0 K-A-127 4P 18 5980 82.11 2.2 K-A-F-127 4P 20 5180 71.06 2.5 13 8200 112.41 1.00 14 7350 100.75 1.10 16 6630 90.96 1.20 17 6030 82.61 1.35 K-107 4P 20 5350 73.30 1.50 KA-F-107 4P 22 4850 66.52 1.65 KA-A-107 4P 25 4170 57.17 1.90 KA-A-F-107 4P 29 3640 49.90 2.2 34 3090 42.33 2.4 39 2700 37.00 2.7																	
																		2.0 49600 738 1.00 2.3 41700 621 1.20 K187-RF97 4P 2.7 35300 527 1.40 KA187-RF97 4P 4.5 21300 318 1.50 5.2 18600 278 1.70 5.9 16300 244 1.95 K167-RF107 4P 6.8 14200 213 2.2 KA167-RF107 4P 7.0 13700 206 2.3 2.6 37500 561 0.85 3.0 32300 481 1.00 K167-RF97 4P 3.4 28300 423 1.15 KA167-RF97 4P 3.9 24700 369 1.30 4.3 22300 333 0.80 K157-RF97 4P 4.9 19500 291 0.90 KF157-RF97 4P KAF157-RF97 4P 6.8 14300 213 0.90 K127-RF87 4P 7.2 13500 200 0.90 KF127-RF87 4P 8.7 11200 166 1.10 KA127-RF87 4P 9.8 9850 147 1.20 KAF127-RF87 4P											
																								20 5150 70.54 0.85 23 4560 62.55 0.95 25 4130 56.55 1.05 30 3500 47.93 1.25 K-97 4P 34 3050 41.87 1.40 KA-F-97 4P 38 2790 38.29 1.55 KA-A-97 4P 42 2500 34.22 1.70 KA-A-F-97 4P 47 2250 30.81 1.90 52 2040 27.90 2.1 58 1800 24.74 2.4 64 1630 22.37 2.6 33 3210 44.02 0.80 39 2660 36.52 0.95 46 2290 31.38 1.20 52 2030 27.87 1.30 58 1820 24.92 1.40 64 1630 22.40 1.40 K-87 4P 74 1420 19.45 1.60 KA-F-87 4P 83 1270 17.41 1.75 KA-A-87 4P 90 1170 16.00 1.55 KA-A-F-87 4P 100 1050 14.44 2.0 115 920 12.56 2.2 129 810 11.16 1.85 144 730 10.00 2.1 174 605 8.29 2.3 200 525 7.21 2.5					



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
11.0KW						15.0KW					
62	1680	23.08	0.90			26	5610	57.17	1.45		
71	1480	20.24	1.00			29	4900	49.90	1.60	K-107	4P
81	1300	17.86	1.10			34	4150	42.33	1.75	KA-F-107	4P
91	1160	15.84	1.20	K-77	4P	39	3630	37.00	2.0	KA-A-107	4P
107	990	13.52	1.35	KA-F-77	4P	45	3210	32.68	2.2	KA-A-F-107	4P
117	900	12.33	1.10	KA-A-77	4P	47	3070	31.28	2.2		
133	790	10.81	1.25	KA-A-F-77	4P	50	2840	29.00	2.5		
151	700	9.54	1.35			30	4700	47.93	0.90		
170	620	8.46	1.45			35	4110	41.87	1.05		
199	530	7.22	1.55			38	3760	38.29	1.15		
15KW						43	3360	34.22	1.30	K-97	4P
2.3	56100	622	0.90			47	3020	30.81	1.40	KA-F-97	4P
2.8	47000	520	1.05	K187-RF107	4P	52	2740	27.90	1.55	KA-A-97	4P
3.2	41000	454	1.20	KA187-RF107	4P	59	2430	24.74	1.75	KA-A-F-97	4P
4.1	32100	355	1.55			65	2190	22.37	1.95		
5.6	23600	261	2.1			77	1860	18.96	2.3		
4.6	28700	318	1.10			88	1620	16.56	2.7		
5.3	25000	278	1.30			47	3080	31.38	0.90		
6.0	22000	244	1.45	K167-RF107	4P	52	2730	27.87	0.95		
6.8	19200	213	1.65	KA167-RF107	4P	59	2440	24.92	1.00		
7.1	18500	206	1.75			65	2200	22.40	1.05		
8.1	16200	180	1.95			75	1910	19.45	1.20	K-87	4P
9.1	14400	160	2.2			84	1710	17.41	1.30	KA-F-87	4P
6.3	20700	230	0.85			91	1570	16.00	1.15	KA-A-87	4P
6.9	19200	213	0.95	K157-RF107	4P	101	1420	14.44	1.50	KA-A-F-87	4P
7.8	16800	187	1.05	KF157-RF107	4P	116	1230	12.56	1.60		
9.3	14200	157	1.25	KA157-RF107	4P	131	1100	11.16	1.35		
12	11000	122	1.65	KAF157-RF107	4P	146	9801	10.00	1.55		
14	9630	107	1.85			176	810	8.29	1.70		
5.4	26600	179.86	1.90	K-187	4P	202	705	7.21	1.85		
5.9	24400	165.21	2.0	K-A-187	4P	18.5KW					
7.2	19900	134.99	1.60	K-167	6P	2.8	57800	520	0.85		
8.8	16200	109.33	1.95	K-A-167	6P	3.2	50400	454	1.00	K187-RF107	4P
8.9	16100	164.50	2.0	K-167	4P	4.1	39500	355	1.25	KA187-RF107	4P
11	13200	134.99	2.4	K-A-167	4P	5.6	29000	261	1.70		
7.9	18100	122.39	1.00	K157-RF97	6P	6.6	24600	221	2.0		
9.7	14800	100.22	1.20	KF157-RF97	6P	4.6	35300	318	0.90		
11	13500	91.65	1.35	KA157-RF97	6P	5.3	30800	278	1.05		
12	11800	79.75	1.55	KAF157-RF97	6P	6.0	27100	244	1.20		
14	10400	70.38	1.75			6.9	23600	213	1.35	K167-RF107	4P
9.7	14800	150.41	1.20			7.1	22800	206	1.40	KA167-RF107	4P
12	12000	122.39	1.50	K-157	6P	8.1	20000	180	1.60		
15	9830	100.22	1.85	K-F-157	6P	9.2	17700	160	1.80		
16	8990	91.65	2.0	K-A-157	6P	11	15000	135	2.1		
18	7820	79.75	2.3	K-A-F-157	6P	12	13100	118	2.4		
11	13400	136.14	0.95			7.8	20700	187	0.85	K157-RF107	4P
12	12000	122.48	1.10			9.3	17400	157	1.05	KF157-RF107	4P
13	10800	110.18	1.20			12	13600	122	1.35	KA157-RF107	4P
16	8820	89.89	1.45	K-157	4P	14	11900	107	1.50	KAF157-RF107	4P
18	8040	81.98	1.60	K-F-157	4P	5.4	32800	179.86	1.55		
21	6960	70.95	1.85	K-A-157	4P	5.9	30100	165.21	1.65	K-187	6P
23	6140	62.60	2.1	K-A-F-157	4P	6.7	26300	144.59	1.90	K-A-187	6P
27	5300	54.07	2.5			7.5	23600	129.69	2.1		
31	4690	47.82	2.8			8.1	21700	179.86	2.3		
16	8920	90.03	0.90	K-127	4P	8.9	19900	165.21	2.5	K-187	4P
18	8110	82.11	1.00	K-F-127	4P	10	17400	144.59	2.9	K-A-187	4P
20	7190	71.06	1.10	K-A-127	4P	11	15600	129.69	3.2		
22	6530	62.70	1.25	K-A-F-127	4P	11	16300	134.99	1.95	K-167	4P
						13	13200	109.83	2.4	K-A-167	4P
						17	10600	87.86	3.0		



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
18.5KW						22KW					
9.7	18300	100.22	1.00	K-157	6P	5.3	36700	278	0.85		
11	16700	91.65	1.10	K-F-157	6P	6.0	32200	244	1.00		
12	14500	79.75	1.25	K-A-157	6P	6.9	28200	213	1.15		
14	12800	70.38	1.40	K-A-F-157	6P	7.1	27200	206	1.20	K167-RF97	4P
						8.1	23800	180	1.35	KA167-RF97	4P
12	14800	122.39	1.20			9.2	21100	160	1.50		
15	12100	100.22	1.50			11	17900	135	1.80		
16	11100	91.65	1.65	K-157	4P	12	15600	118	2.0		
18	9620	79.75	1.85	K-F-157	4P						
21	8490	70.38	2.1	K-A-157	4P	9.3	20800	157	0.85	K157-RF97	4P
24	7360	61.02	2.5	K-A-F-157	4P	12	16200	122	1.10	KF157-RF97	4P
27	6550	54.29	2.8			14	14100	107	1.25	KA157-RF97	4P
31	5640	46.79	3.2								
39	4580	38.02	3.9			5.4	39000	179.86	1.30		
						5.9	35800	165.21	1.40		
13	13300	110.35	1.00			6.7	31300	144.59	1.60	K-187	6P
16	10800	90.03	1.20			7.5	28100	129.69	1.80	K-A-187	6P
18	9890	82.11	1.30			8.6	24400	112.60	2.0		
21	8560	71.06	1.50	K-127	4P						
23	7550	62.70	1.70	K-F-127	4P	8.1	25800	179.86	1.95		
27	6520	54.15	2.0	K-A-127	4P	8.9	23700	165.21	2.1	K-187	4P
31	5770	47.90	2.2	K-A-F-127	4P	10	20700	144.59	2.4	K-A-187	4P
36	4850	40.25	2.7			11	18600	129.69	2.7		
40	4370	36.30	3.0								
47	3780	31.41	3.4			11	19400	134.99	1.65		
53	3340	27.72	3.9			13	15700	109.33	2.0	K-167	4P
						17	12600	87.86	2.5	K-A-167	4P
20	8840	73.30	0.90			19	11200	78.14	2.9		
22	8020	66.52	1.00								
26	6890	57.17	1.15			9.7	21700	100.22	0.85		
29	6020	49.90	1.30			11	19900	91.65	0.90	K-157	6P
35	5100	42.33	1.45	K-107	4P	12	17300	79.75	1.05	K-F-157	6P
40	4460	37.00	1.60	KA-F-107	4P	14	15200	70.38	1.20	K-A-157	6P
45	3940	32.68	1.85	KA-A-107	4P	16	13200	61.02	1.35	K-A-F-157	6P
47	3770	31.28	1.80	KA-A-F-107	4P						
51	3500	29.00	2.1			12	17600	122.39	1.05		
56	3170	26.32	2.3			15	14400	100.22	1.25		
65	2730	22.62	2.6			16	12100	91.65	1.35	K-157	4P
74	2380	19.74	3.0			18	11400	79.75	1.55	K-F-157	4P
88	2020	16.75	3.5			21	10100	70.38	1.80	K-A-157	4P
						24	8750	61.02	2.1	K-A-F-157	4P
35	5050	41.87	0.85			27	7790	54.29	2.3		
48	3720	30.81	1.15			31	6710	46.79	2.7		
53	3360	27.90	1.30	K-97	4P	39	5450	38.02	3.3		
59	2980	24.74	1.45	KA-F-97	4P						
65	2700	22.37	1.60	KA-A-97	4P	16	12900	90.03	1.00		
77	2290	18.96	1.90	KA-A-F-97	4P	18	11800	82.11	1.10		
88	2000	16.56	2.2			21	10200	71.06	1.30		
106	1670	13.85	2.6			23	8980	62.70	1.45		
122	1450	11.99	2.7			27	7750	54.15	1.70	K-127	4P
						31	6860	47.90	1.90	K-F-127	4P
59	3000	24.92	0.85			36	5760	40.25	2.3	K-A-127	4P
65	2700	22.40	0.85			40	5200	36.30	2.5	K-A-F-127	4P
75	2340	19.45	1.00	K-87	4P	47	4500	31.41	2.9		
84	2100	17.41	1.05	KA-F-87	4P	53	3970	27.72	3.3		
101	1740	14.45	1.20	KA-A-87	4P	61	3430	23.94	3.8		
117	1510	12.56	1.30	KA-A-F-87	4P	69	3030	21.71	4.3		
131	1350	11.16	1.10								
147	1210	10.00	1.25			26	8200	57.17	1.00		
177	1000	8.29	1.40			29	7160	49.09	1.10		
203	870	7.21	1.50			35	6070	42.33	1.20		
						40	5310	37.00	1.35	K-107	4P
22KW						45	4690	32.69	1.55	KA-F-107	4P
3.2	60000	454	0.85			47	4490	31.28	1.50	KA-A-107	4P
4.1	47000	355	1.05			51	4160	29.00	1.75	KA-A-F-107	4P
5.6	34500	261	1.45	K187-RF107	4P	56	3770	26.32	1.90		
6.6	29300	221	1.70	KA187-RF107	4P	65	3420	22.62	2.2		
7.6	25600	193	1.95			74	2830	19.74	2.5		
8.9	21600	163	2.3								



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
22KW						30KW					
88	2400	16.75	2.9			41	7060	63.30	1.85	K-127	4P
100	2100	14.63	3.3	K-107	4P	47	6110	31.41	2.1	K-F-127	4P
109	1930	13.43	2.2	KA-F-107	4P	53	5390	27.72	2.4	K-A-127	4P
125	1680	11.73	2.6	KA-A-107	4P	62	4660	23.94	2.8	K-A-F-127	4P
147	1430	9.94	2.9	KA-A-F-107	4P						
48	4420	30.82	0.95			35	8250	42.33	0.90		
53	4000	27.91	1.05			40	7210	37.00	1.00		
59	3550	24.75	1.20			47	6100	31.28	1.10		
65	3210	22.73	1.35	K-97	4P	51	5650	29.00	1.25		
77	2720	18.96	1.60	KA-F-97	4P	56	5130	26.32	1.40	K-107	4P
88	2370	16.56	1.80	KA-A-97	4P	65	4410	22.62	1.65	KA-F-107	4P
106	1990	13.85	2.2	KA-A-F-97	4P	74	3850	19.74	1.85	KA-A-107	4P
122	1720	11.99	2.3			88	3260	16.75	2.2	KA-A-F-107	4P
141	1490	10.41	1.90			100	2850	14.63	2.4		
168	1250	8.71	2.1			109	2620	13.43	1.65		
						125	2280	11.73	1.90		
						148	1940	9.94	2.2		
						169	1690	8.69	2.4		
75	2790	19.45	0.80			59	4820	24.75	0.90		
84	2500	17.41	0.90			66	4360	22.37	1.00		
101	2070	14.44	1.00	K-87	4P	78	3690	18.96	1.15	K-97	4P
117	1800	12.56	1.10	KA-F-87	4P	89	3230	16.56	1.35	KA-F-97	4P
131	1600	11.16	0.95	KA-A-87	4P	106	2700	13.85	1.60	KA-A-97	4P
147	1430	10.00	1.05	KA-A-F-87	4P	123	2340	11.99	1.65	KA-A-F-97	4P
177	1190	8.29	1.20			141	2030	10.41	1.40		
203	1030	7.21	1.25			169	1700	8.71	1.55		
30KW						37KW					
5.6	47000	261	1.05	K187-RF107	4P	5.6	58000	261	0.85		
6.6	39800	221	1.25	KA187-RF107	4P	6.6	49200	221	1.00	K187-RF107	4P
7.6	34800	193	1.45			7.6	43000	193	1.15	KA187-RF107	4P
9.0	29400	163	1.70			9.0	36300	163	1.40		
6.9	38300	213	0.85			8.1	40000	180	0.80		
7.1	37000	206	0.85			9.2	35500	160	0.90	K167-RF107	4P
8.1	32400	180	1.00	K167-RF107	4P	11	30100	135	1.05	KA167-RF107	4P
9.2	28700	160	1.10	KA167-RF107	4P	12	26300	118	1.20		
11	24400	135	1.30								
12	21300	118	1.50								
8.2	35100	179.86	1.45			8.2	43200	179.86	1.15		
8.9	32200	165.21	1.55			8.9	39700	165.21	1.25		
10	28200	144.59	1.75			10	34800	144.59	1.45		
11	25300	129.69	2.0	K-187	4P	11	31200	129.69	1.60	K-187	4P
13	21900	112.60	2.3	K-A-187	4P	13	27100	112.60	1.85	K-A-187	4P
14	19900	102.16	2.5			14	24600	102.16	2.0		
17	17200	88.00	2.9			17	21200	88.00	2.4		
13	21400	109.83	1.50			13	26400	109.83	1.20		
17	17100	87.86	1.85			17	21100	87.86	1.50		
17	17100	87.86	1.85	K-167	4P	19	18800	78.14	1.70	K-167	4P
22	13300	68.07	2.4	K-A-167	4P	22	16400	68.07	1.95	K-A-167	4P
24	11800	60.74	2.7			24	14600	60.74	2.2		
						28	12400	51.77	2.6		
15	19500	100.22	0.90			16	22000	91.65	0.80		
16	17900	91.65	1.00			18	19200	79.75	0.95		
18	15500	79.75	1.15	K-157	4P	21	16900	70.38	1.05	K-157	4P
21	13700	70.38	1.30	K-F-157	4P	24	14700	61.02	1.25	K-F-157	4P
24	11900	61.02	1.50	K-A-157	4P	27	13000	54.29	1.4	K-A-157	4P
27	10600	54.29	1.70	K-A-F-157	4P	31	11200	46.79	1.60	K-A-F-157	4P
31	9120	46.79	1.95			39	9140	38.02	1.95		
39	7410	38.02	2.4			47	7520	31.30	2.4		
47	6100	31.30	3.0								
21	13800	71.06	0.95			23	15000	62.70	0.85	K-127	4P
23	12200	62.70	1.05	K-127	4P	27	13000	54.15	1.00	K-F-127	4P
27	10500	54.15	1.25	K-F-127	4P	31	11500	47.90	1.15	K-A-127	4P
31	9320	47.90	1.40	K-A-127	4P	37	9660	40.25	1.35	K-A-F-127	4P
37	7830	40.25	1.65	K-A-F-127	4P						



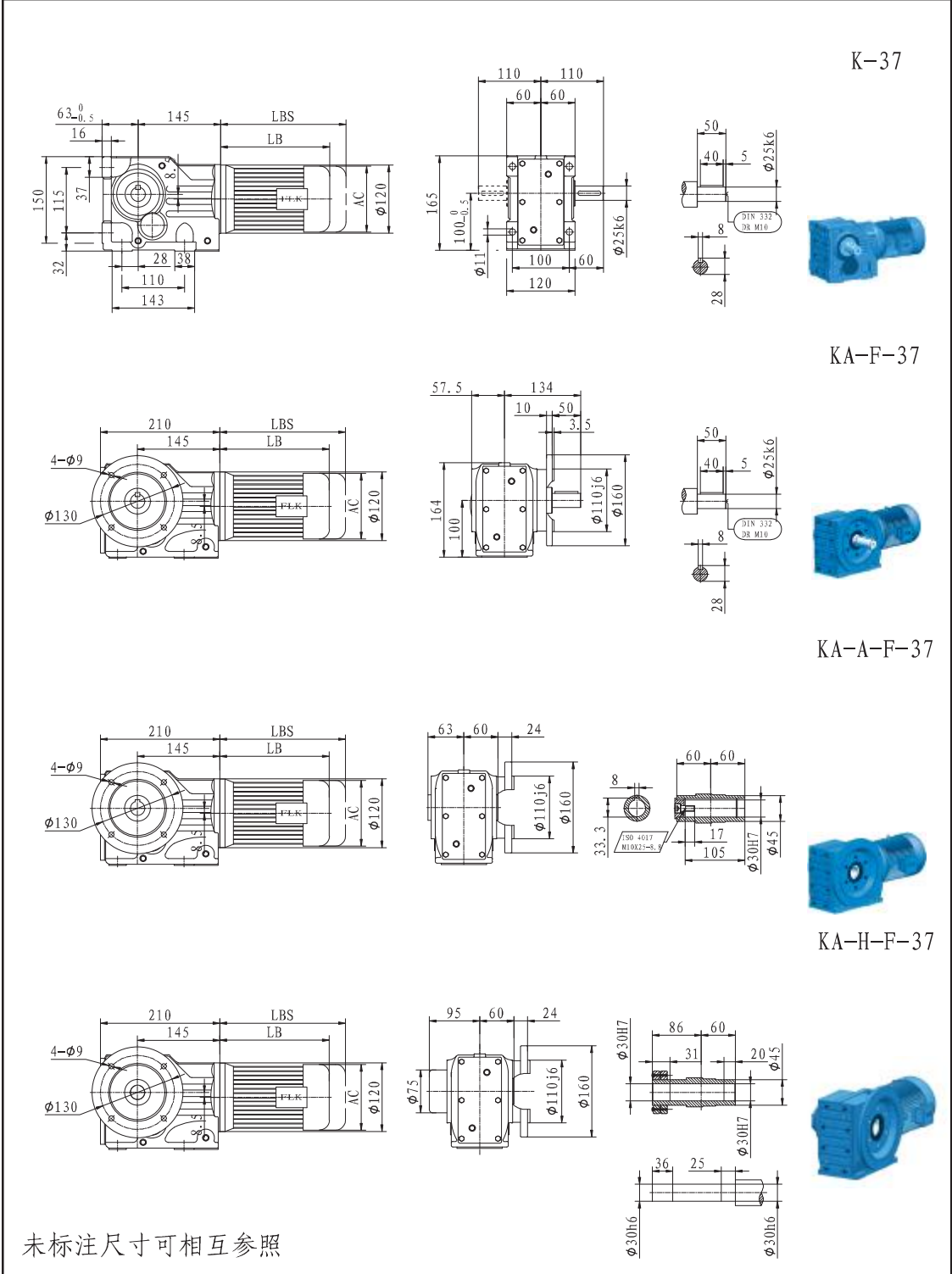
输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole						
37KW						45KW											
41	8710	36.30	1.50			102	4190	14.37	2.9	K-127	4P						
47	7540	31.41	1.70			115	3740	12.78	2.3	K-F-127	4P						
53	6650	27.72	1.95			137	3140	10.74	2.5	K-A-127	4P						
62	5740	23.94	2.3	K-127	4P	169	2540	8.68	2.8	K-A-F-127	4P						
70	5080	21.71	2.6	K-F-127	4P	55KW 10 51500 144.59 0.95 11 46200 129.69 1.10 13 40100 112.60 1.25 K-187 4P 14 36400 102.16 1.35 K-A-187 4P 17 31300 88.00 1.60 20 26300 73.96 1.90 23 22800 64.04 2.2 17 31300 87.86 1.00 19 27800 78.14 1.15 22 24200 68.07 1.30 K-167 4P 24 21600 60.74 1.50 K-A-167 4P 28 18400 51.77 1.75 34 15300 42.89 2.1 40 13000 36.61 2.5 24 21700 61.02 0.85 27 19300 54.29 0.95 32 16700 46.79 1.10 39 13500 38.02 1.35 K-157 4P 47 11100 31.30 1.60 K-F-157 4P 53 9840 27.62 1.85 K-A-157 4P 62 8530 23.95 2.1 K-A-F-157 4P 69 7590 21.31 2.4 80 6540 18.37 2.8 99 5310 14.92 3.4 117 4510 12.65 3.8 37 14300 40.25 0.90 47 11200 31.41 1.15 53 9850 27.72 1.30 62 8510 23.94 1.55 K-127 4P 70 7530 21.17 1.75 K-F-127 4P 83 6330 17.79 2.0 K-A-127 4P 103 5110 14.37 2.4 K-A-F-127 4P 115 4550 12.78 1.85 137 3830 10.74 2.1 170 3090 8.68 2.3 75KW 11 62800 129.69 0.80 13 54500 112.60 0.90 14 49400 102.16 1.00 17 42600 88.00 1.15 K-187 4P 20 35800 73.96 1.40 K-A-187 4P 23 31000 64.04 1.60 28 25800 53.36 1.95 33 22000 45.50 2.3											
83	4270	17.79	3.0	K-A-127	4P												
102	3450	14.37	3.5	K-A-F-127	4P												
115	3070	12.78	2.8														
137	2580	10.74	3.1														
169	2090	8.68	3.5														
40KW												45KW					
40	8890	37.00	0.80									6.6	59800	221	0.85	K187-RF107	4P
47	7520	31.28	0.90									7.6	52300	193	0.95	KA187-RF107	4P
51	6970	29.00	1.05									9.0	44200	163	1.15		
56	6320	26.32	1.15			11	36600	135	0.85	K167-RF107	4P						
65	5440	22.62	1.30	K-107	4P	12	32000	118	1.00	KA167-RF107	4P						
74	4740	19.74	1.50	KA-F-107	4P	45KW 8.2 52600 179.86 0.95 8.9 48300 165.86 1.05 10 42300 144.59 1.20 11 37900 129.69 1.30 K-187 4P 13 32900 112.60 1.50 K-A-187 4P 14 29900 102.16 1.65 17 25700 88.00 1.95 20 21600 73.96 2.3 13 32100 109.83 1.00 17 25700 87.86 1.25 19 22800 78.14 1.40 22 19900 68.07 1.60 K-167 4P 24 17800 60.74 1.80 K-A-167 4P 28 15100 51.77 2.1 34 12500 42.89 2.5 21 20600 70.38 0.85 24 17800 61.02 1.00 27 15900 54.29 1.15 31 13700 46.79 1.30 K-157 4P 39 11100 38.02 1.60 K-F-157 4P 47 9150 31.30 1.95 K-A-157 4P 53 8080 27.62 2.2 K-A-F-157 4P 61 7000 23.95 2.6 69 6230 21.31 2.9 80 5370 18.37 3.3 31 14000 47.90 0.95 37 11700 40.25 1.10 41 10600 36.30 1.25 K-127 4P 47 9170 31.41 1.40 K-F-127 4P 53 8090 27.72 1.60 K-A-127 4P 62 6990 23.94 1.85 K-A-F-127 4P 70 6180 21.17 2.1 83 5190 17.79 2.5											
88	4020	16.75	1.75	KA-A-107	4P												
100	3520	14.63	1.95	KA-A-F-107	4P												
109	3230	13.43	1.35														
125	2820	11.73	1.55														
148	2390	9.94	1.75														
169	2090	8.69	1.95														
45KW												55KW					
6.6	59800	221	0.85	K187-RF107	4P							17	31300	87.86	1.00		
7.6	52300	193	0.95	KA187-RF107	4P							19	27800	78.14	1.15		
9.0	44200	163	1.15			22	24200	68.07	1.30	K-167	4P						
11	36600	135	0.85	K167-RF107	4P	24	21600	60.74	1.50	K-A-167	4P						
12	32000	118	1.00	KA167-RF107	4P	28	18400	51.77	1.75								
45KW 8.2 52600 179.86 0.95 8.9 48300 165.86 1.05 10 42300 144.59 1.20 11 37900 129.69 1.30 K-187 4P 13 32900 112.60 1.50 K-A-187 4P 14 29900 102.16 1.65 17 25700 88.00 1.95 20 21600 73.96 2.3 13 32100 109.83 1.00 17 25700 87.86 1.25 19 22800 78.14 1.40 22 19900 68.07 1.60 K-167 4P 24 17800 60.74 1.80 K-A-167 4P 28 15100 51.77 2.1 34 12500 42.89 2.5 21 20600 70.38 0.85 24 17800 61.02 1.00 27 15900 54.29 1.15 31 13700 46.79 1.30 K-157 4P 39 11100 38.02 1.60 K-F-157 4P 47 9150 31.30 1.95 K-A-157 4P 53 8080 27.62 2.2 K-A-F-157 4P 61 7000 23.95 2.6 69 6230 21.31 2.9 80 5370 18.37 3.3 31 14000 47.90 0.95 37 11700 40.25 1.10 41 10600 36.30 1.25 K-127 4P 47 9170 31.41 1.40 K-F-127 4P 53 8090 27.72 1.60 K-A-127 4P 62 6990 23.94 1.85 K-A-F-127 4P 70 6180 21.17 2.1 83 5190 17.79 2.5						34	15300	42.89	2.1								
						40	8890	37.00	0.80			40	13000	36.61	2.5		
						47	7520	31.28	0.90			24	21700	61.02	0.85		
						51	6970	29.00	1.05			27	19300	54.29	0.95		
						56	6320	26.32	1.15			32	16700	46.79	1.10		
						65	5440	22.62	1.30	K-107	4P	39	13500	38.02	1.35	K-157	4P
						74	4740	19.74	1.50	KA-F-107	4P	47	11100	31.30	1.60	K-F-157	4P
						88	4020	16.75	1.75	KA-A-107	4P	53	9840	27.62	1.85	K-A-157	4P
						100	3520	14.63	1.95	KA-A-F-107	4P	62	8530	23.95	2.1	K-A-F-157	4P
						109	3230	13.43	1.35			69	7590	21.31	2.4		
125	2820	11.73	1.55			80	6540	18.37	2.8								
148	2390	9.94	1.75			99	5310	14.92	3.4								
169	2090	8.69	1.95			117	4510	12.65	3.8								
45KW						55KW											
6.6	59800	221	0.85	K187-RF107	4P	37	14300	40.25	0.90								
7.6	52300	193	0.95	KA187-RF107	4P	47	11200	31.41	1.15								
9.0	44200	163	1.15			53	9850	27.72	1.30								
11	36600	135	0.85	K167-RF107	4P	62	8510	23.94	1.55	K-127	4P						
12	32000	118	1.00	KA167-RF107	4P	70	7530	21.17	1.75	K-F-127	4P						
45KW 8.2 52600 179.86 0.95 8.9 48300 165.86 1.05 10 42300 144.59 1.20 11 37900 129.69 1.30 K-187 4P 13 32900 112.60 1.50 K-A-187 4P 14 29900 102.16 1.65 17 25700 88.00 1.95 20 21600 73.96 2.3 13 32100 109.83 1.00 17 25700 87.86 1.25 19 22800 78.14 1.40 22 19900 68.07 1.60 K-167 4P 24 17800 60.74 1.80 K-A-167 4P 28 15100 51.77 2.1 34 12500 42.89 2.5 21 20600 70.38 0.85 24 17800 61.02 1.00 27 15900 54.29 1.15 31 13700 46.79 1.30 K-157 4P 39 11100 38.02 1.60 K-F-157 4P 47 9150 31.30 1.95 K-A-157 4P 53 8080 27.62 2.2 K-A-F-157 4P 61 7000 23.95 2.6 69 6230 21.31 2.9 80 5370 18.37 3.3 31 14000 47.90 0.95 37 11700 40.25 1.10 41 10600 36.30 1.25 K-127 4P 47 9170 31.41 1.40 K-F-127 4P 53 8090 27.72 1.60 K-A-127 4P 62 6990 23.94 1.85 K-A-F-127 4P 70 6180 21.17 2.1 83 5190 17.79 2.5						28	18400	51.77	1.75								
						17	31300	88.00	1.60			62	8530	23.95	2.1		
						20	26300	73.96	1.90			69	7590	21.31	2.4		
						23	22800	64.04	2.2			80	6540	18.37	2.8		
						17	31300	87.86	1.00			99	5310	14.92	3.4		
						19	27800	78.14	1.15			117	4510	12.65	3.8		
						22	24200	68.07	1.30	K-167	4P	45KW 8.2 52600 179.86 0.95 8.9 48300 165.86 1.05 10 42300 144.59 1.20 11 37900 129.69 1.30 K-187 4P 13 32900 112.60 1.50 K-A-187 4P 14 29900 102.16 1.65 17 25700 88.00 1.95 20 21600 73.96 2.3 13 32100 109.83 1.00 17 25700 87.86 1.25 19 22800 78.14 1.40 22 19900 68.07 1.60 K-167 4P 24 17800 60.74 1.80 K-A-167 4P 28 15100 51.77 2.1 34 12500 42.89 2.5 21 20600 70.38 0.85 24 17800 61.02 1.00 27 15900 54.29 1.15 31 13700 46.79 1.30 K-157 4P 39 11100 38.02 1.60 K-F-157 4P 47 9150 31.30 1.95 K-A-157 4P 53 8080 27.62 2.2 K-A-F-157 4P 61 7000 23.95 2.6 69 6230 21.31 2.9 80 5370 18.37 3.3 31 14000 47.90 0.95 37 11700 40.25 1.10 41 10600 36.30 1.25 K-127 4P 47 9170 31.41 1.40 K-F-127 4P 53 8090 27.72 1.60 K-A-127 4P 62 6990 23.94 1.85 K-A-F-127 4P 70 6180 21.17 2.1 83 5190 17.79 2.5					
						24	21600	60.74	1.50	K-A-167	4P						
						28	18400	51.77	1.75								
						34	15300	42.89	2.1								
40	13000	36.61	2.5														
24	21700	61.02	0.85														
27	19300	54.29	0.95														
32	16700	46.79	1.10														
39	13500	38.02	1.35	K-157	4P												
47	11100	31.30	1.60	K-F-157	4P												
53	9840	27.62	1.85	K-A-157	4P												
62	8530	23.95	2.1	K-A-F-157	4P												
69	7590	21.31	2.4														
80	6540	18.37	2.8														
99	5310	14.92	3.4														
117	4510	12.65	3.8														
45KW						55KW											
6.6	59800	221	0.85	K187-RF107	4P	37	14300	40.25	0.90								
7.6	52300	193	0.95	KA187-RF107	4P	47	11200	31.41	1.15								
9.0	44200	163	1.15			53	9850	27.72	1.30								
11	36600	135	0.85	K167-RF107	4P	62	8510	23.94	1.55	K-127	4P						
12	32000	118	1.00	KA167-RF107	4P	70	7530	21.17	1.75	K-F-127	4P						
45KW 8.2 52600 179.86 0.95 8.9 48300 165.86 1.05 10 42300 144.59 1.20 11 37900 129.69 1.30 K-187 4P 13 32900 112.60 1.50 K-A-187 4P 14 29900 102.16 1.65 17 25700 88.00 1.95 20 21600 73.96 2.3 13 32100 109.83 1.00 17 25700 87.86 1.25 19 22800 78.14 1.40 22 19900 68.07 1.60 K-167 4P 24 17800 60.74 1.80 K-A-167 4P 28 15100 51.77 2.1 34 12500 42.89 2.5 21 20600 70.38 0.85 24 17800 61.02 1.00 27 15900 54.29 1.15 31 13700 46.79 1.30 K-157 4P 39 11100 38.02 1.60 K-F-157 4P 47 9150 31.30 1.95 K-A-157 4P 53 8080 27.62 2.2 K-A-F-157 4P 61 7000 23.95 2.6 69 6230 21.31 2.9 80 5370 18.37 3.3 31 14000 47.90 0.95 37 11700 40.25 1.10 41 10600 36.30 1.25 K-127 4P 47 9170 31.41 1.40 K-F-127 4P 53 8090 27.72 1.60 K-A-127 4P 62 6990 23.94 1.85 K-A-F-127 4P 70 6180 21.17 2.1 83 5190 17.79 2.5						28	18400	51.77	1.75								
						17	31300	88.00	1.60								



输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
75KW						110KW					
19	37800	78.14	0.85			17	62300	88.00	0.80		
22	32900	68.07	0.95			20	52300	73.96	0.95		
24	29400	60.74	1.10			23	45300	64.04	1.10		
29	25100	51.77	1.30	K-167	4P	28	37700	53.36	1.30		
35	20800	42.89	1.55	K-A-167	4P	33	32200	45.50	1.55	K-187	4P
40	17700	36.61	1.80			35	30100	42.51	1.65	K-A-187	4P
46	15600	32.25	2.0			39	27300	38.57	1.85		
51	13900	28.77	2.3			45	23500	33.23	2.1		
60	11900	24.52	2.7			53	19800	27.92	2.5		
39	18400	38.02	1.00			29	36600	51.77	0.85		
47	15100	31.30	1.20			35	30300	42.89	1.05		
54	13400	27.62	1.35	K-157	4P	41	25900	36.61	1.25		
62	11600	23.95	1.55	K-F-157	4P	46	22800	32.25	1.40	K-167	4P
69	10300	21.31	1.75	K-A-157	4P	52	20400	28.77	1.55	K-A-167	4P
81	8890	18.37	2.0	K-A-F-157	4P	61	17300	24.52	1.85		
99	7220	14.92	2.5			73	14400	20.32	2.2		
117	6120	12.65	2.8			86	12300	17.34	2.6		
47	15200	31.41	0.85			62	16900	23.95	1.05		
53	13400	27.72	0.95			40	15100	21.31	1.20	K-157	4P
62	11600	23.94	1.10	K-127	4P	81	13000	18.37	1.40	K-F-157	4P
70	10200	21.17	1.25	K-F-127	4P	100	10600	14.92	1.70	K-A-157	4P
83	8600	17.79	1.50	K-A-127	4P	117	8950	12.65	1.90	K-A-F-157	4P
103	6940	14.37	1.75	K-A-F-127	4P	132KW					
116	6190	12.78	1.40			20	62800	73.96	0.80		
138	5200	10.74	1.55			23	54400	64.04	0.90		
171	4200	8.68	1.70			28	45300	53.36	1.10		
90KW						33	38600	45.50	1.30		
14	59300	102.16	0.85			35	36100	42.51	1.40	K-187	4P
17	51100	88.00	1.00			39	32700	38.57	1.55	K-A-187	4P
20	42900	73.96	1.15			45	28200	33.23	1.75		
23	37200	64.04	1.35	K-187	4P	53	23700	27.92	2.1		
28	31000	53.36	1.60	K-A-187	4P	61	20500	24.18	2.3		
33	26400	45.50	1.90			74	17100	20.15	2.6		
35	24700	42.51	2.0			86	14600	17.18	2.8		
38	22400	38.57	2.2			35	36400	42.89	0.90		
22	39500	68.07	0.80			41	31100	36.61	1.05		
24	35300	60.74	0.90			46	27400	32.25	1.15	K-167	4P
29	30100	51.77	1.05			52	24400	28.77	1.30	K-A-167	4P
35	24900	42.89	1.30			61	20800	24.52	1.55		
40	21300	36.61	1.50	K-167	4P	73	17200	20.32	1.85		
46	18700	32.25	1.70	K-A-167	4P	86	14700	17.34	2.2		
51	16700	28.77	1.90			62	20300	23.95	0.90		
60	14200	24.52	2.2			70	18100	21.31	1.00	K-157	4P
73	11800	20.32	2.7			81	15600	18.37	1.15	K-F-157	4P
85	10100	17.34	3.2			100	12700	14.92	1.40	K-A-157	4P
39	21000	38.02	0.80			117	10700	12.65	1.60	K-A-F-157	4P
47	18200	31.30	1.00			160KW					
54	16000	27.62	1.10	K-157	4P	28	54900	53.36	0.90		
62	13900	23.95	1.30	K-F-157	4P	33	46800	45.50	1.05		
69	12400	21.31	1.45	K-A-157	4P	45	34200	33.23	1.45	K-187	4P
81	10700	18.37	1.70	K-A-F-157	4P	53	28700	27.92	1.75	K-A-187	4P
99	8670	14.92	2.1			61	24900	24.18	1.90		
117	7350	12.65	2.3			74	20700	20.15	2.1		
62	13900	23.94	0.95			86	17700	17.18	2.3		
70	12300	21.17	1.05	K-127	4P	41	37700	36.61	0.85		
83	10300	17.79	1.25	K-F-127	4P	61	25200	24.52	1.25	K-167	4P
103	8330	14.37	1.45	K-A-127	4P	73	20900	20.32	1.55	K-A-167	4P
116	7420	12.78	1.15	K-A-F-127	4P	86	17800	17.34	1.80		
138	6240	10.74	1.30								
171	5040	8.68	1.45								

输出转速 Output speed (r/min)	输出扭矩 Output torque (N. M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出扭矩 Output torque (N. M)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机级数 Motor pole
160KW											
81	18900	18.37	0.95	K-157	4P						
100	15400	14.92	1.15	K-F-157	4P						
117	13000	12.65	1.30	K-A-157 K-A-F-157	4P						
200KW											
33	58500	45.50	0.85								
45	42700	33.23	1.15								
53	35900	27.92	1.40	K-187	4P						
61	31100	24.18	1.55	K-A-187	4P						
74	25900	20.15	1.70								
86	22100	17.18	1.85								
61	31500	24.52	1.00	K-167	4P						
73	26100	20.32	1.20	K-A-167	4P						
86	22300	17.34	1.45								
100	19200	14.92	0.95	K-157	4P						
117	16300	12.65	1.05	K-F-157 K-A-157 K-A-F-157	4P						





K-37



KA-F-37



KA-A-F-37



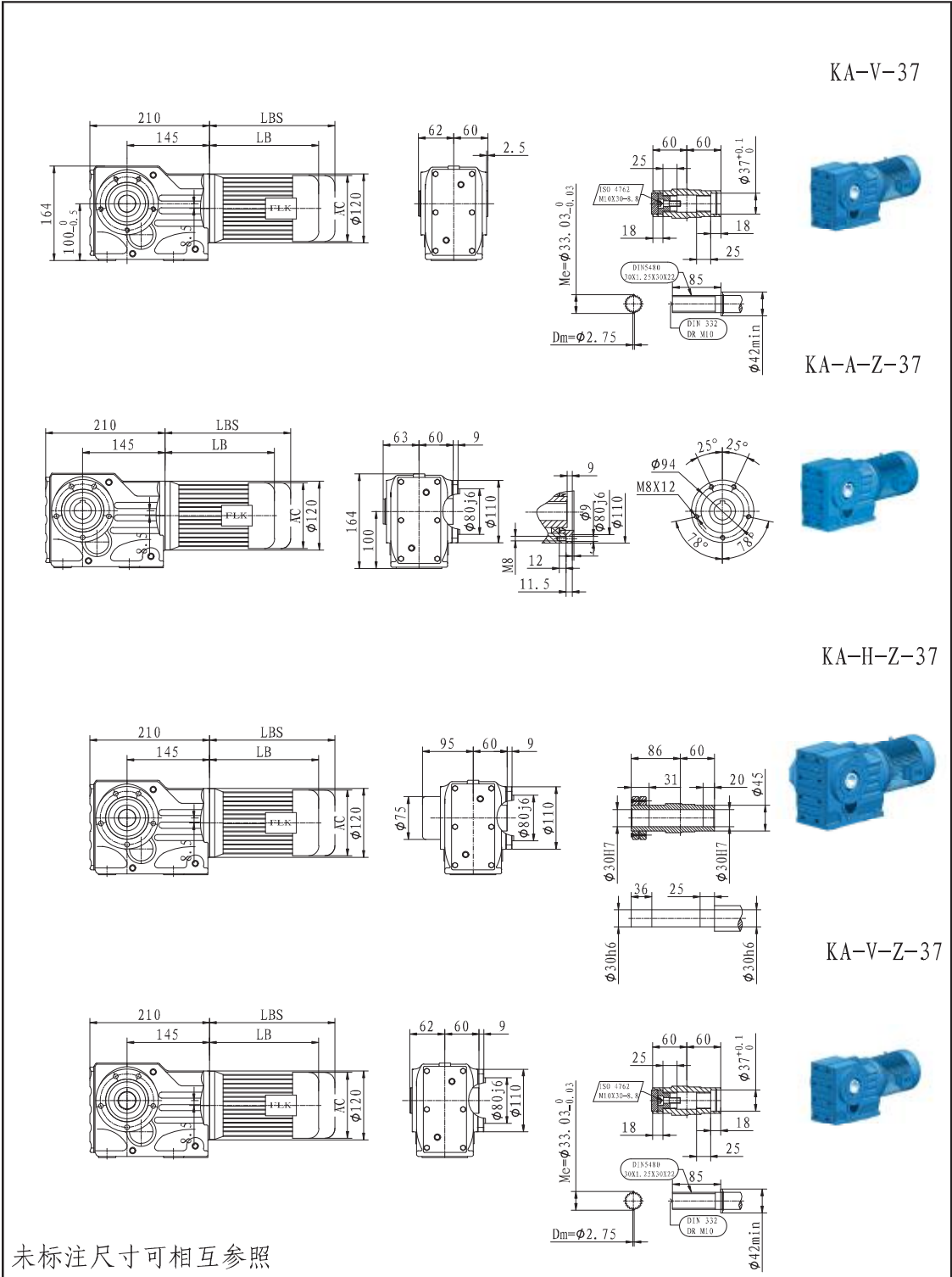
KA-H-F-37



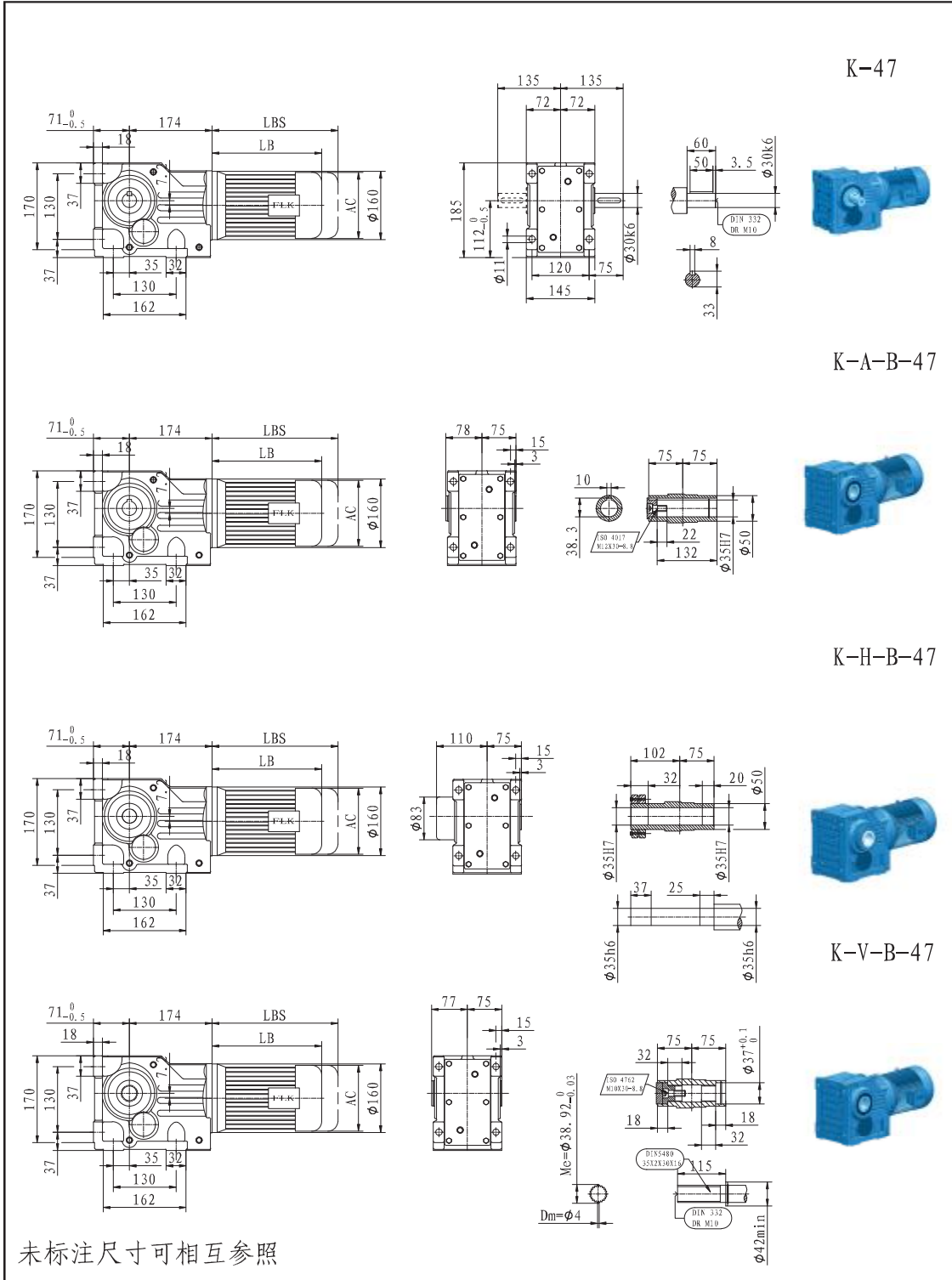


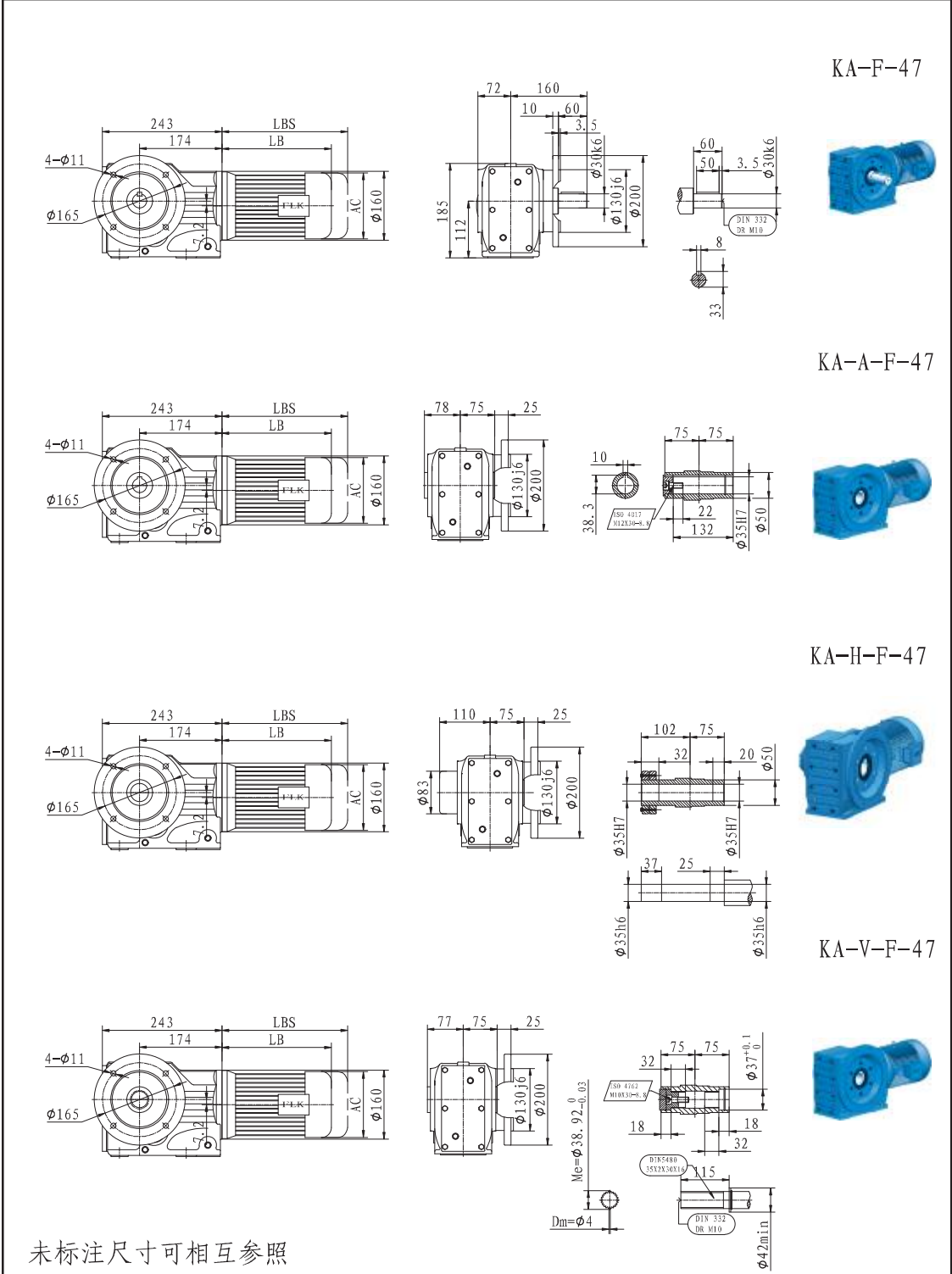
		<p>KA-V-F-37</p>
		<p>KA-A-37</p>
		<p>KA-A-T-37</p>
		<p>KA-H-37</p>

未标注尺寸可相互参照



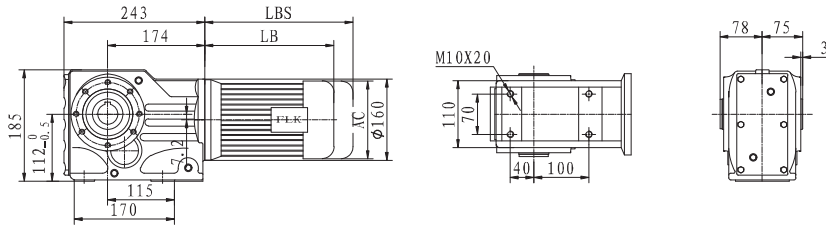
未标注尺寸可相互参照



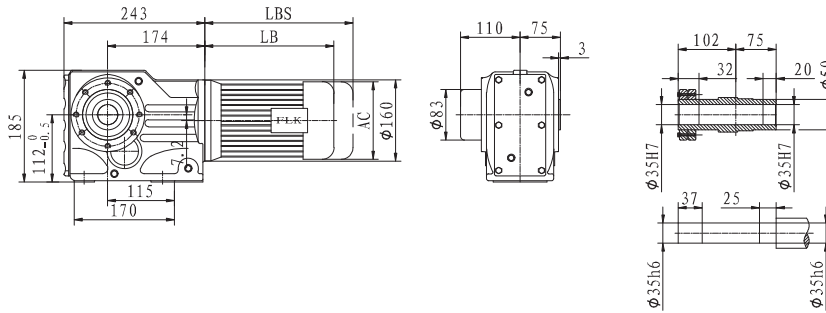




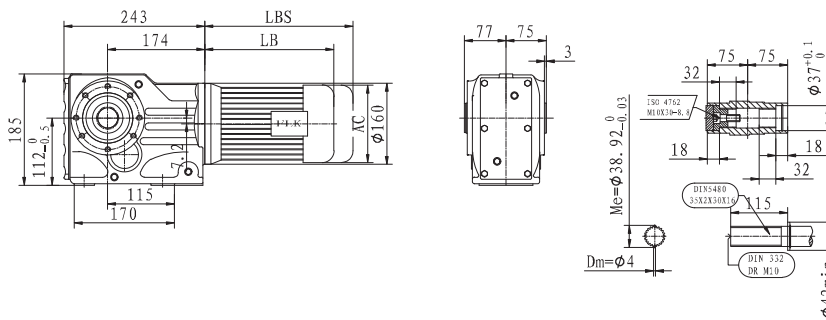
KA-A-47



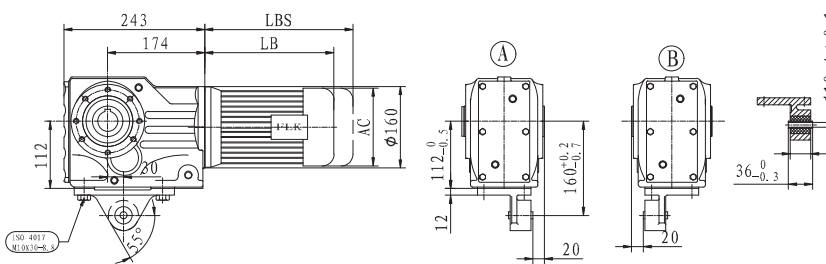
KA-H-47



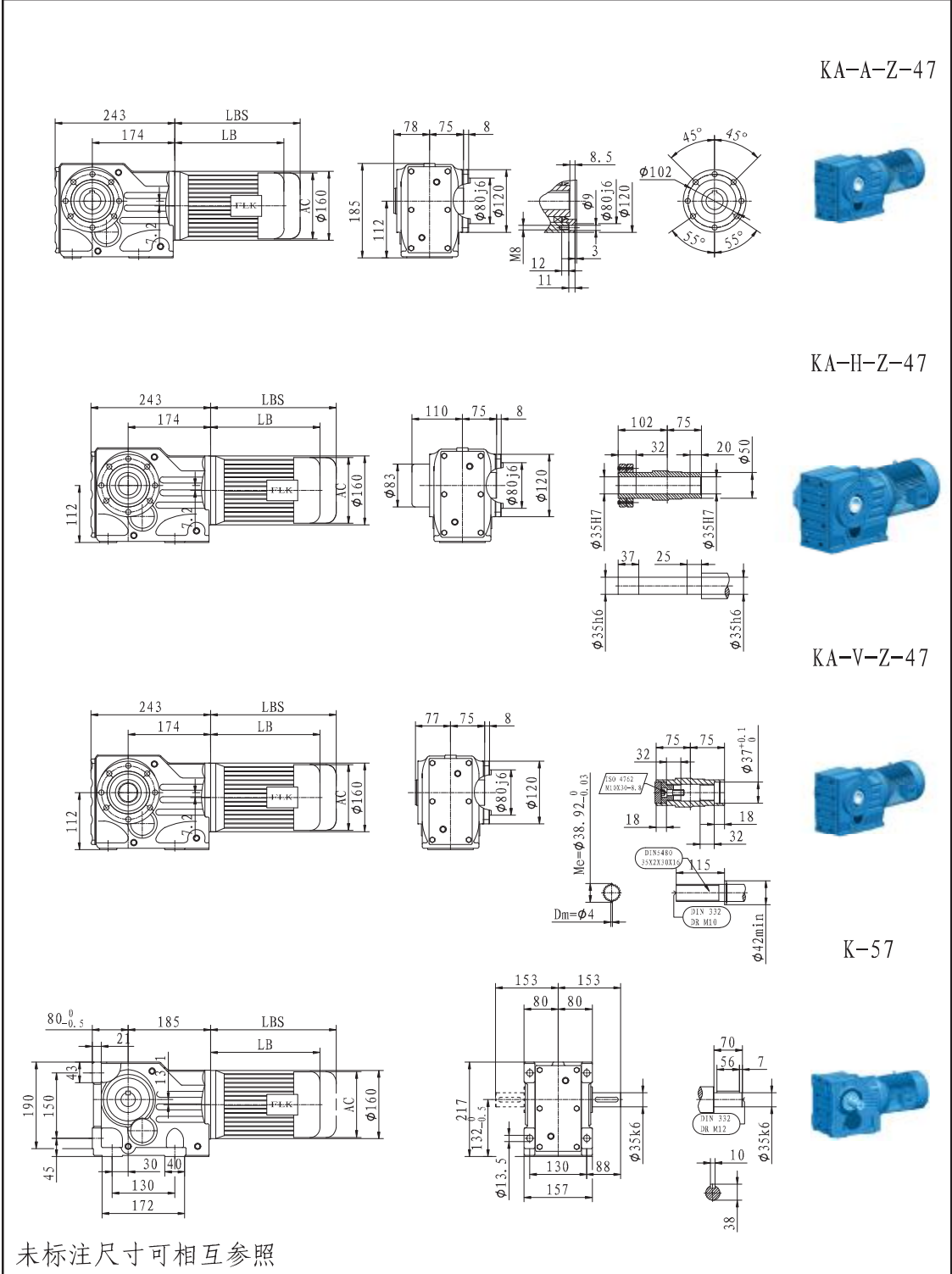
KA-V-47



KA-A-T-47

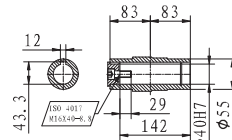
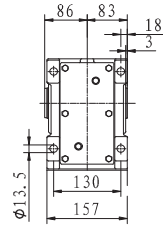
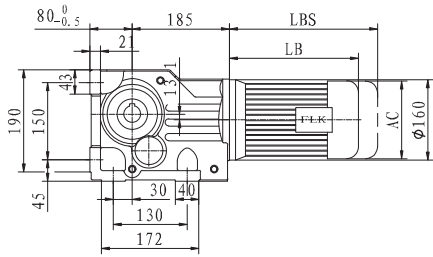


未标注尺寸可相互参照

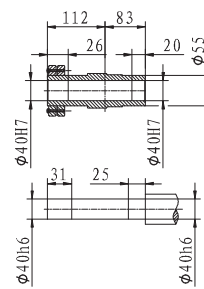
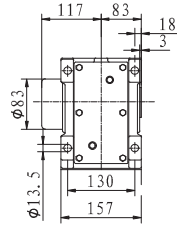
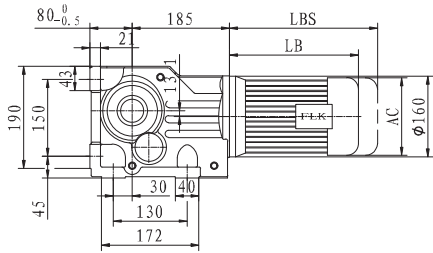




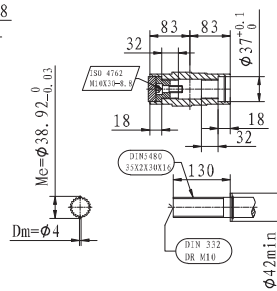
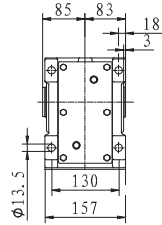
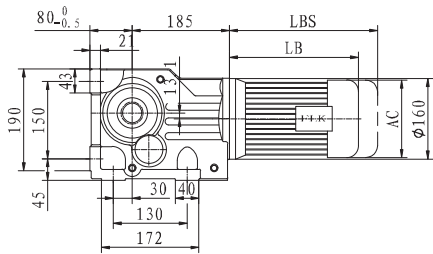
K-A-B-57



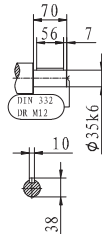
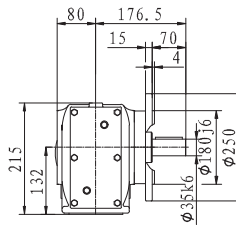
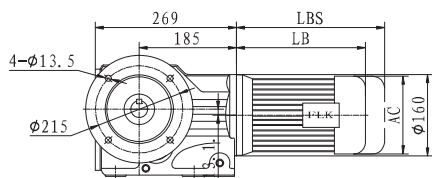
K-H-B-57



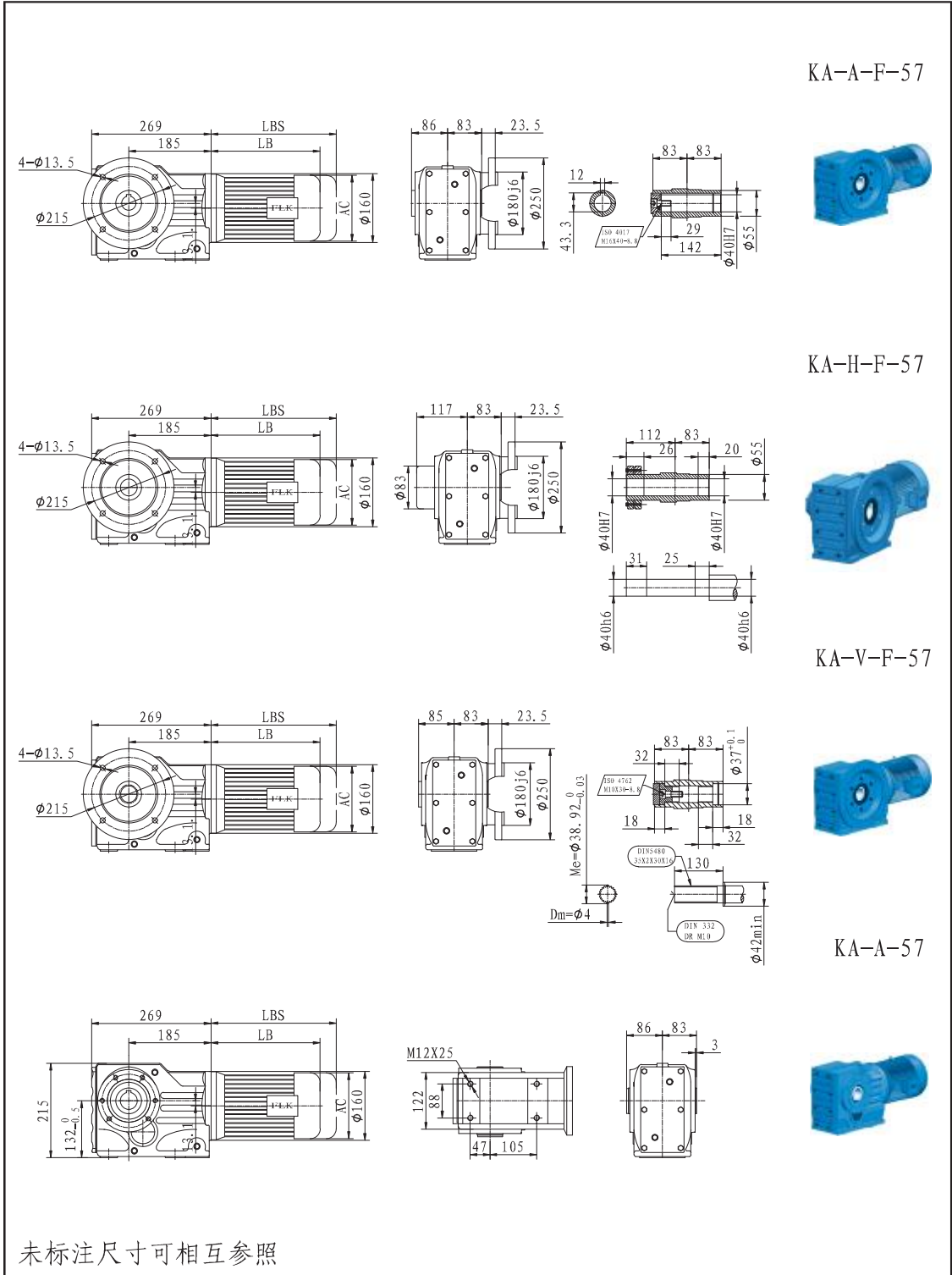
K-V-B-57

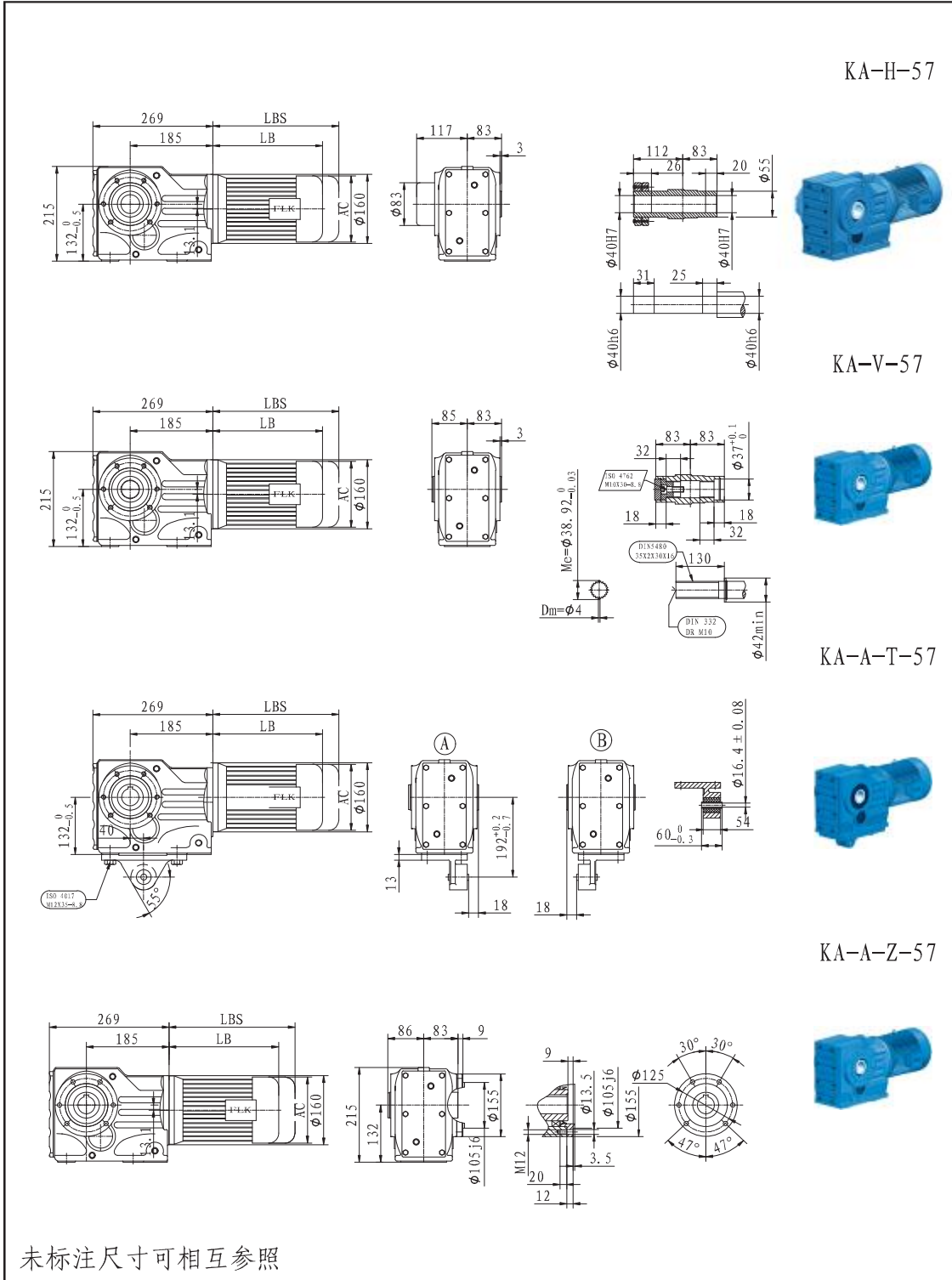


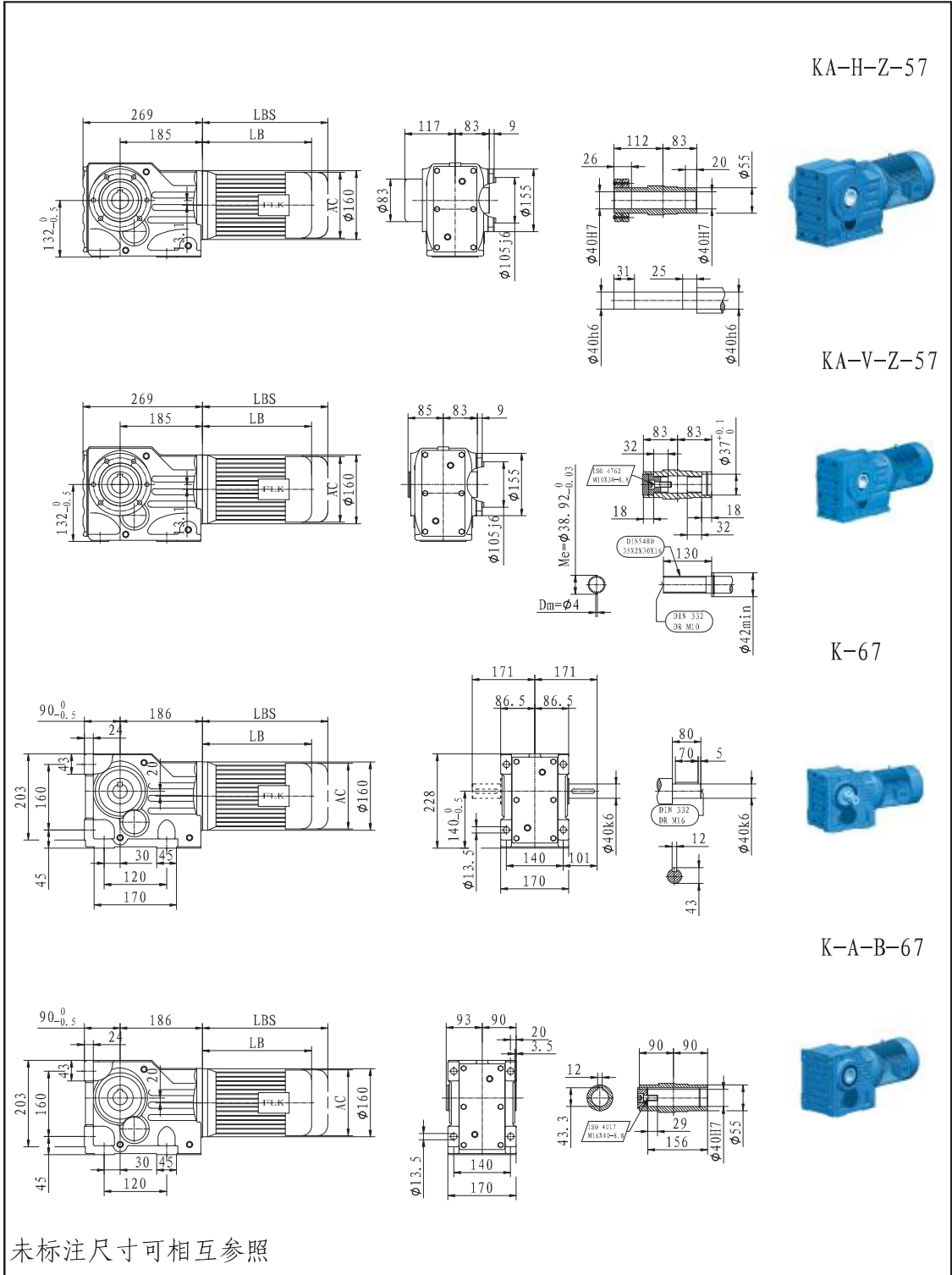
KA-F-57

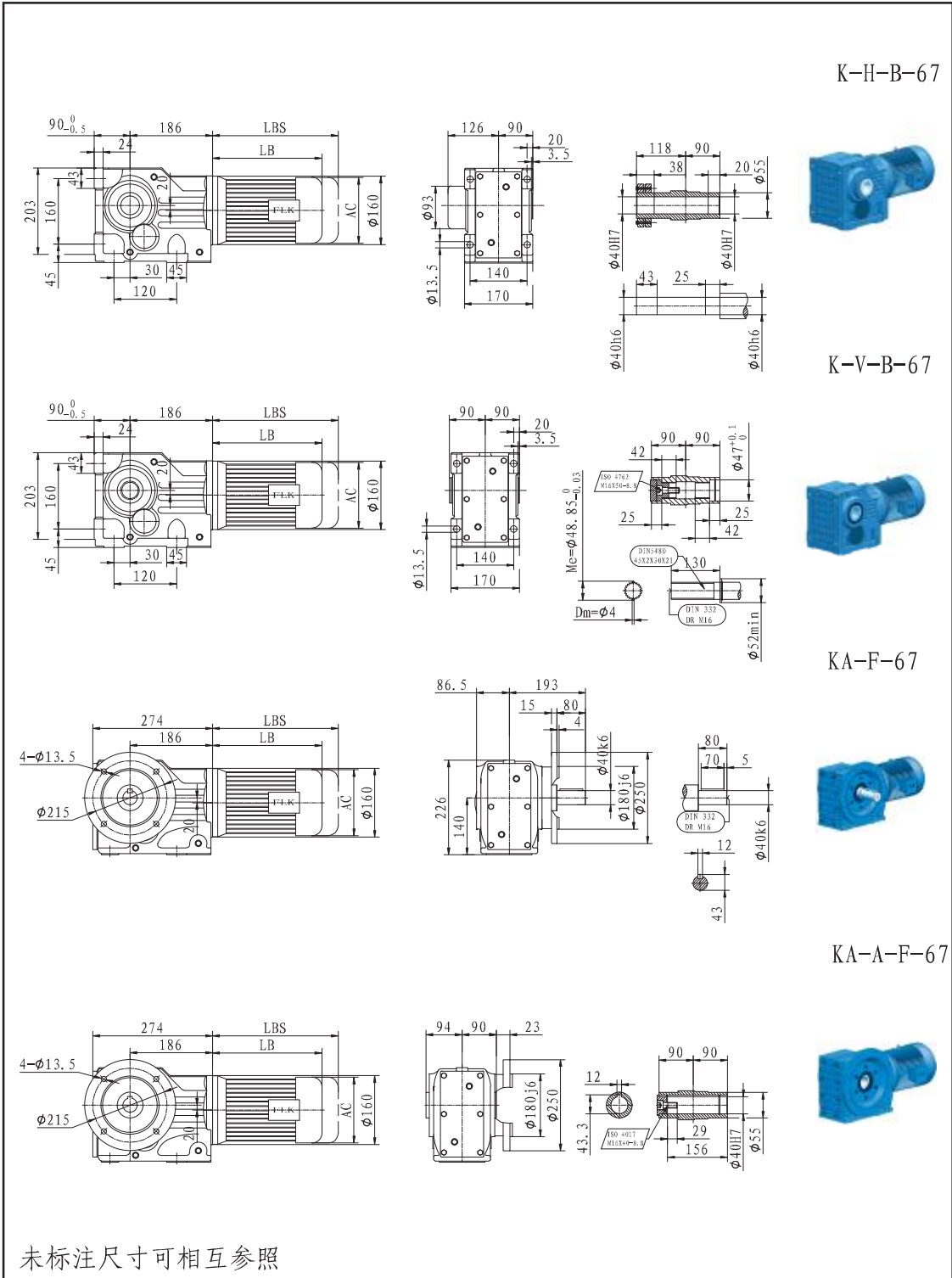


未标注尺寸可相互参照









K-H-B-67



K-V-B-67

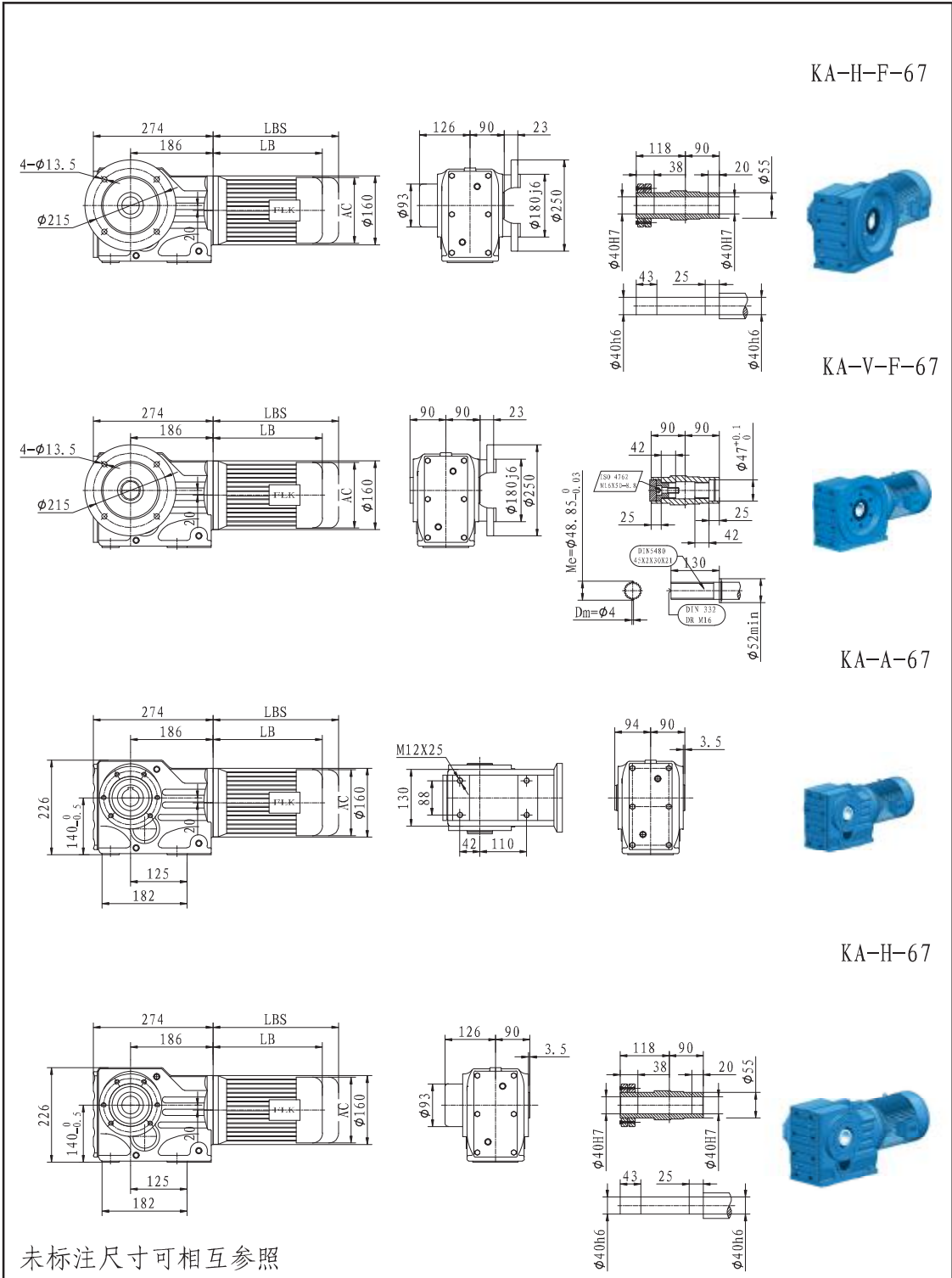


KA-F-67



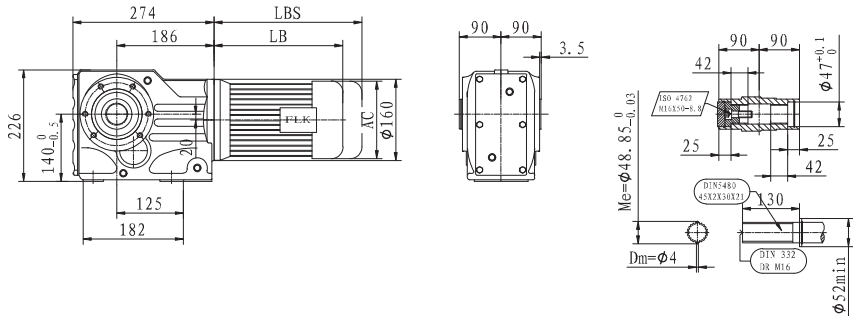
KA-A-F-67



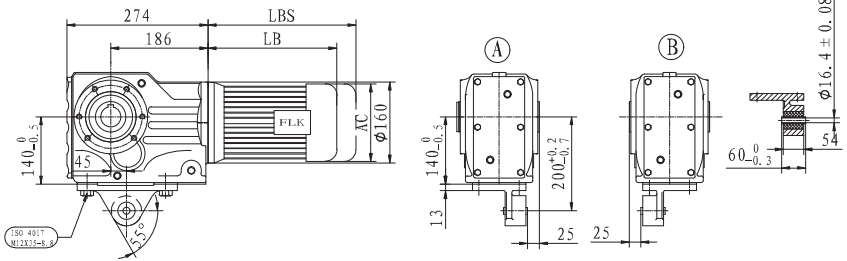




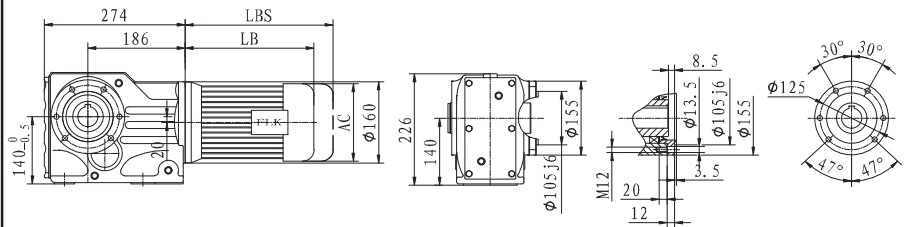
KA-V-67



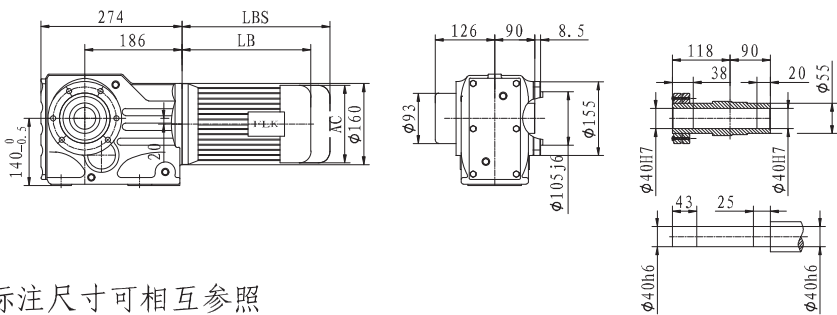
KA-A-T-67



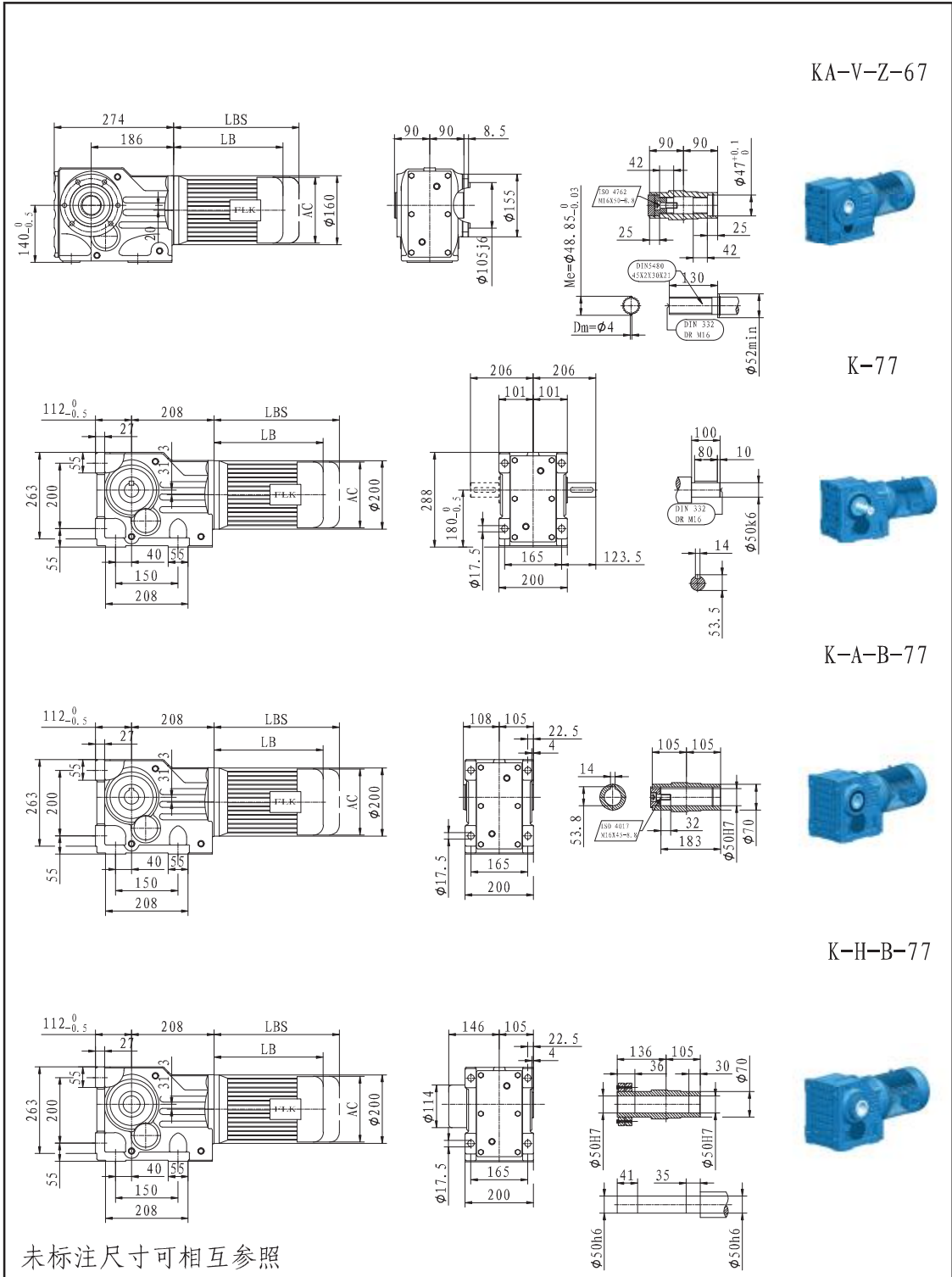
KA-A-Z-67

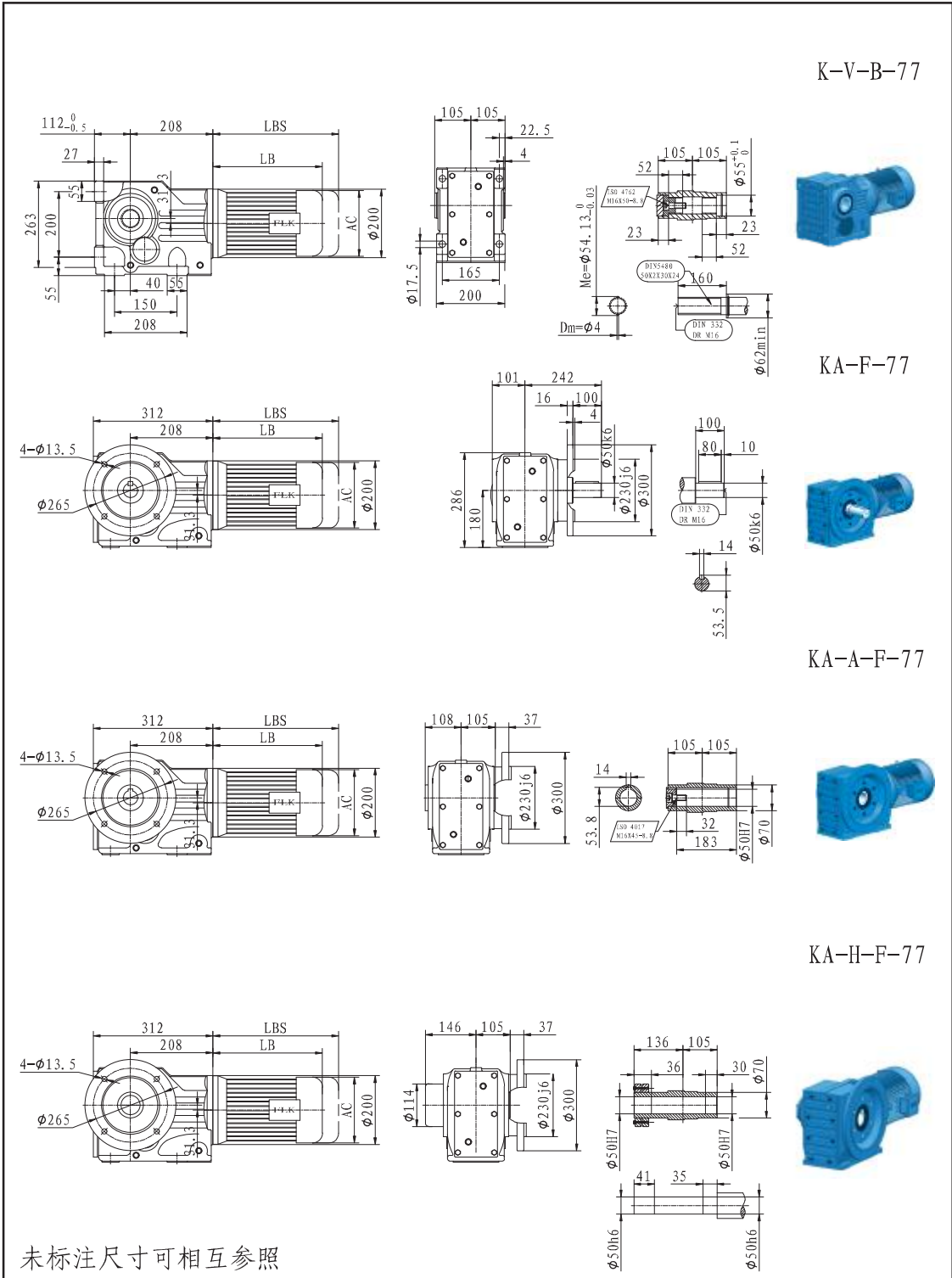


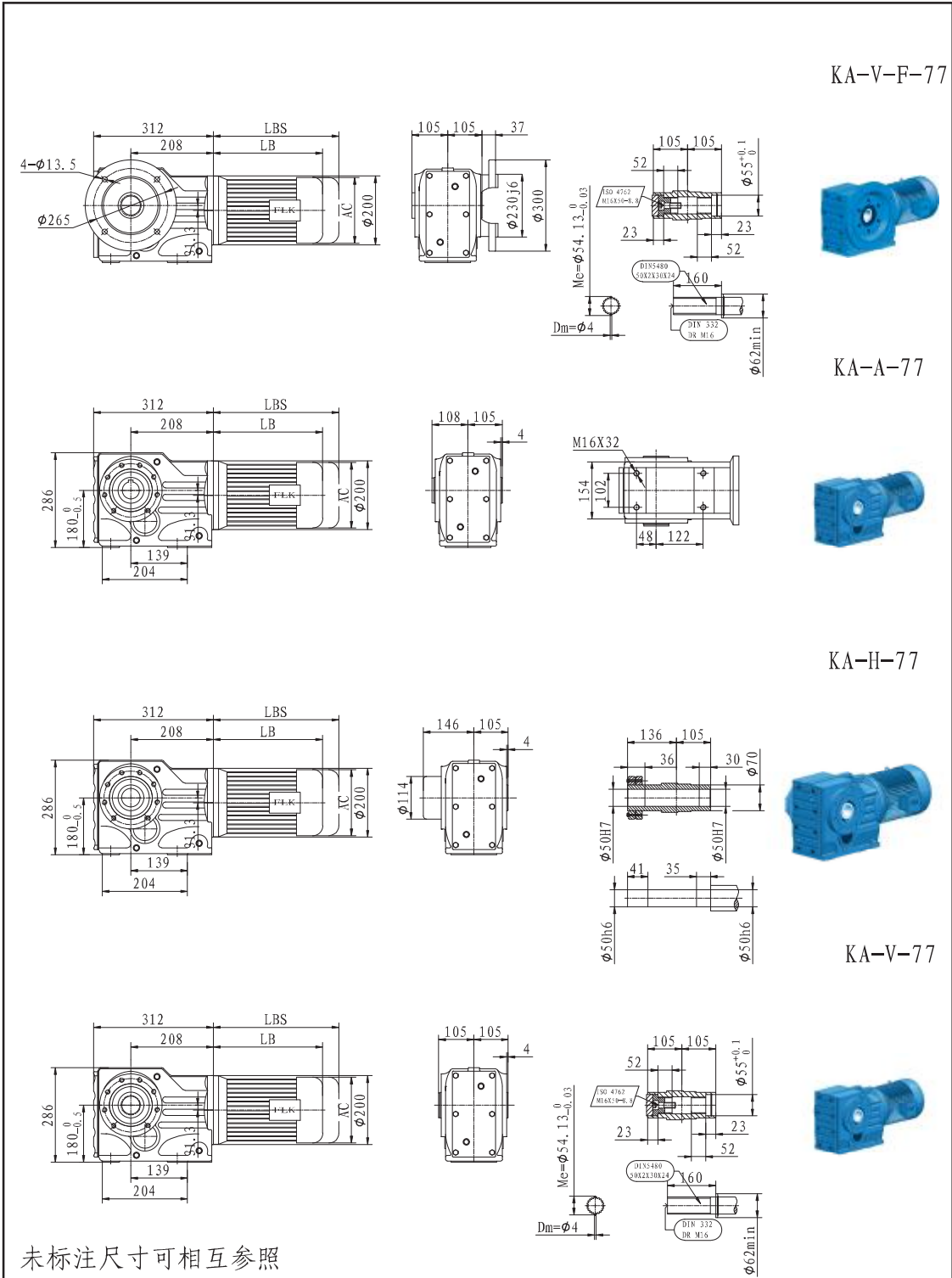
KA-H-Z-67

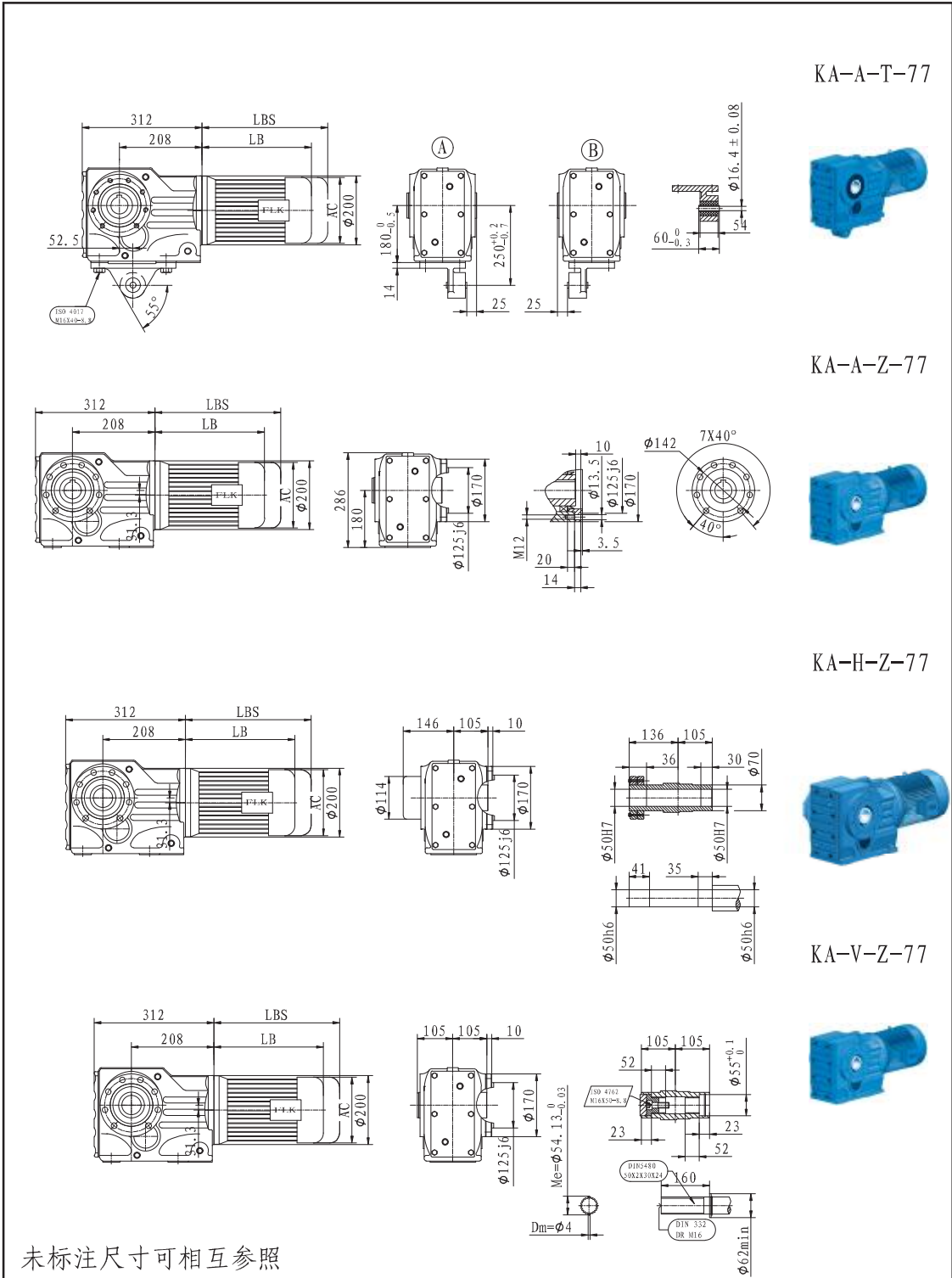


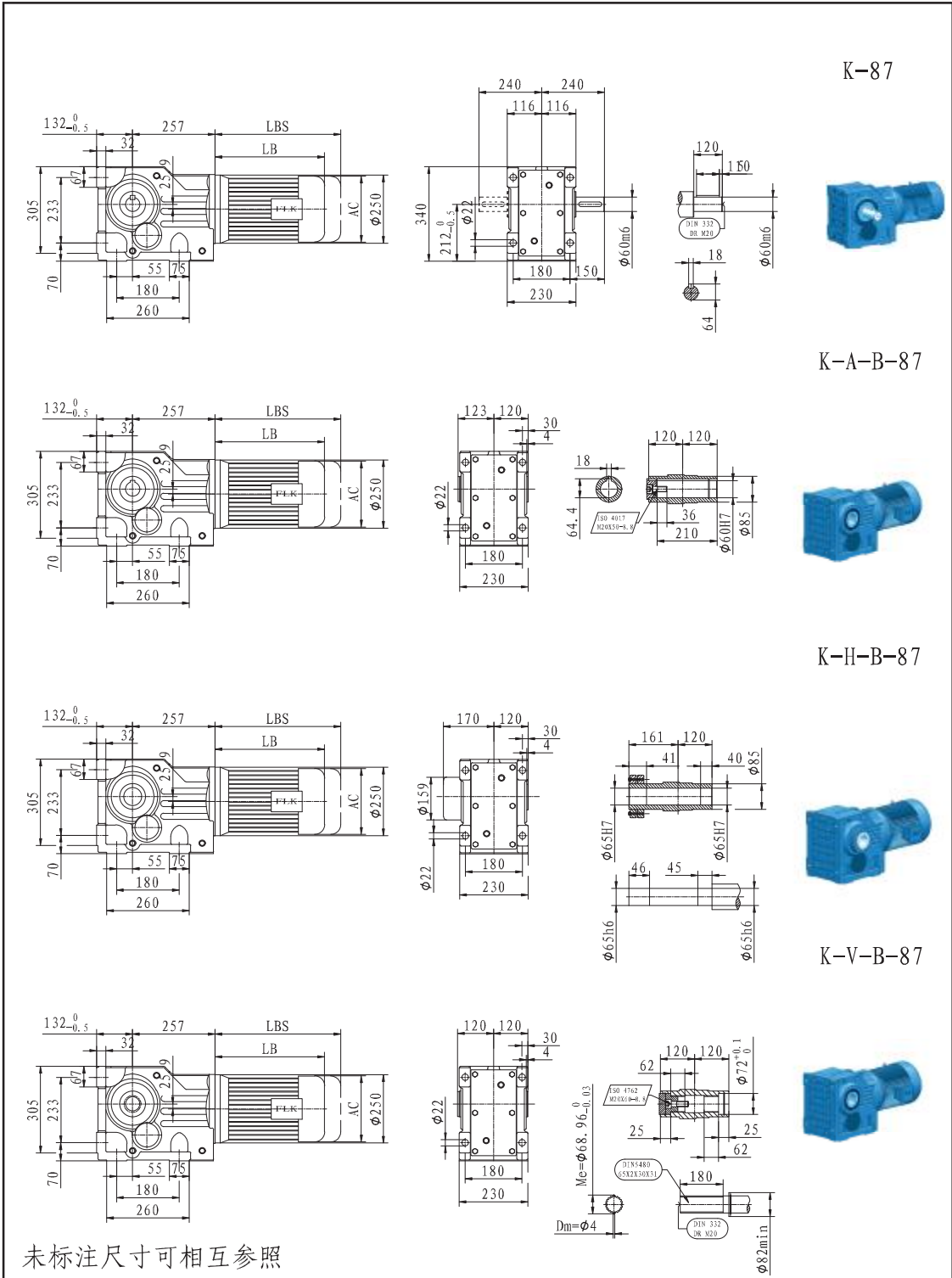
未标注尺寸可相互参照

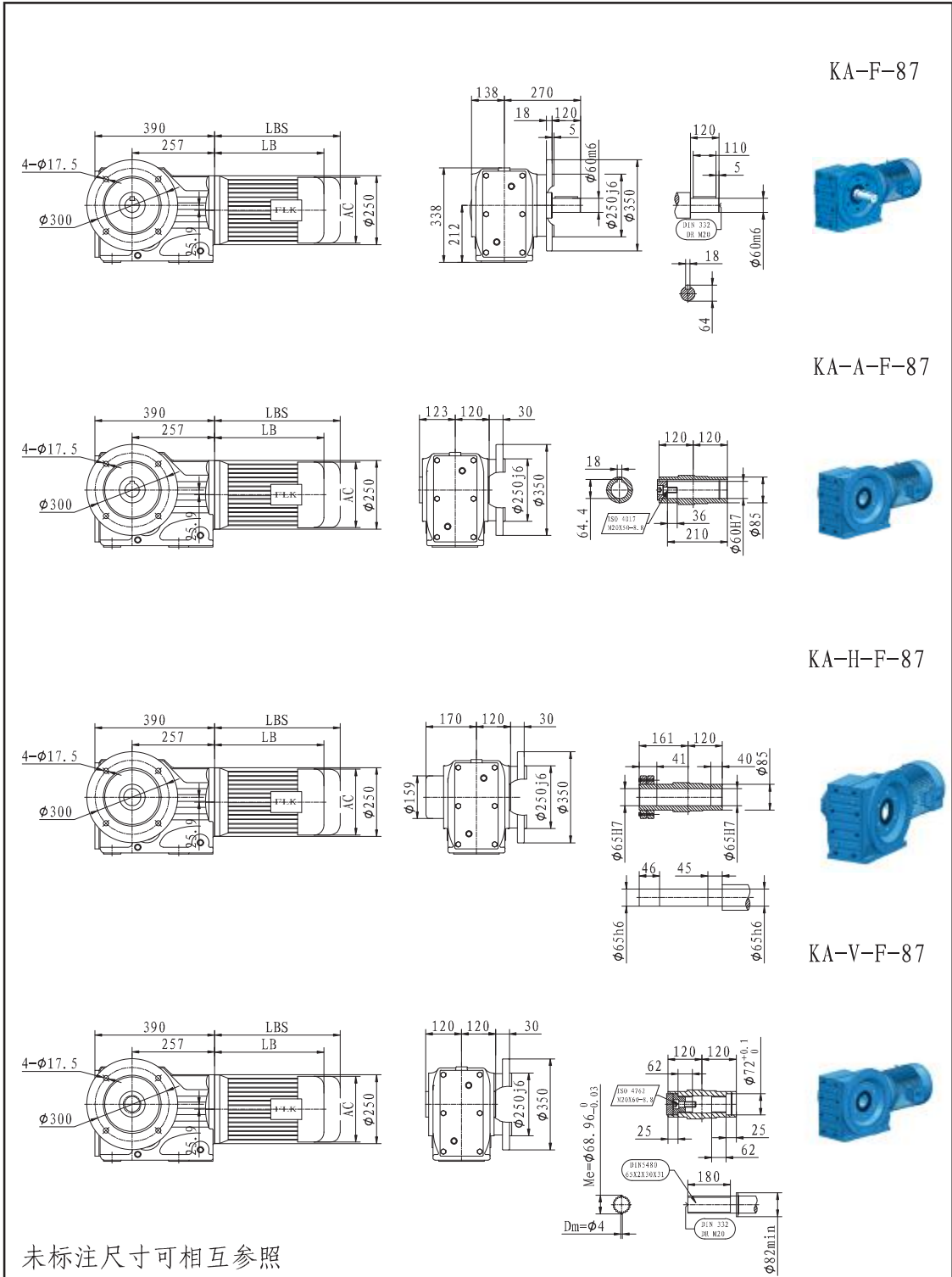






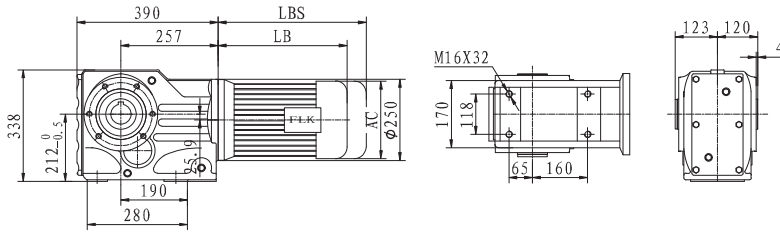




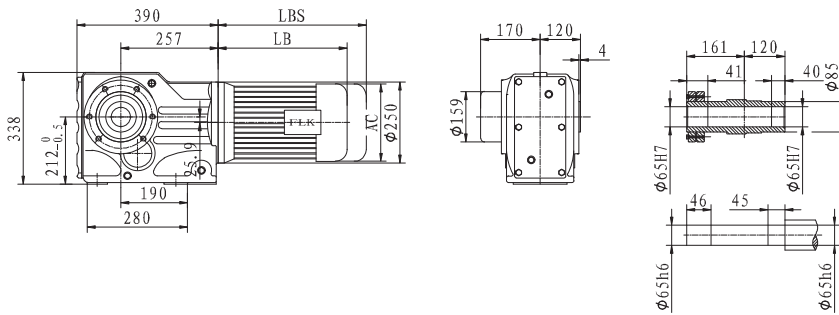




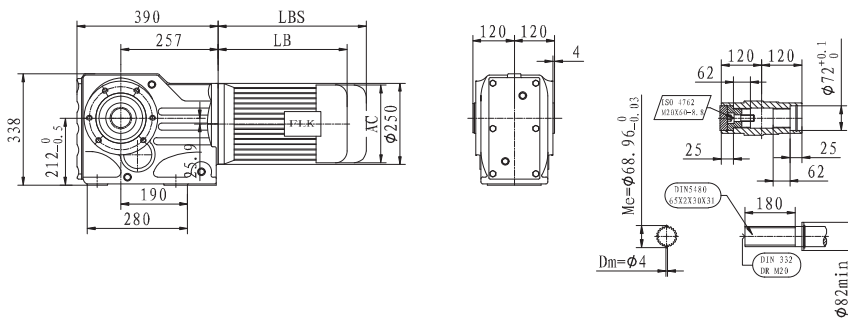
KA-A-87



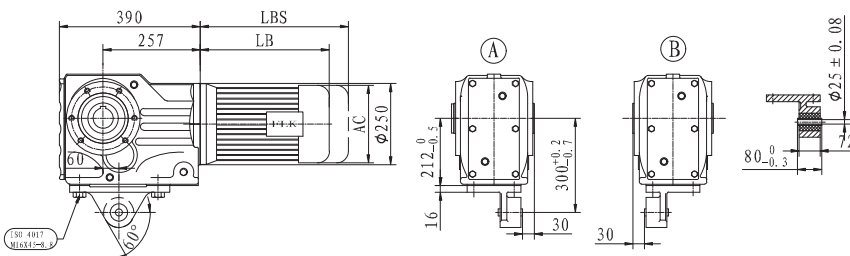
KA-H-87



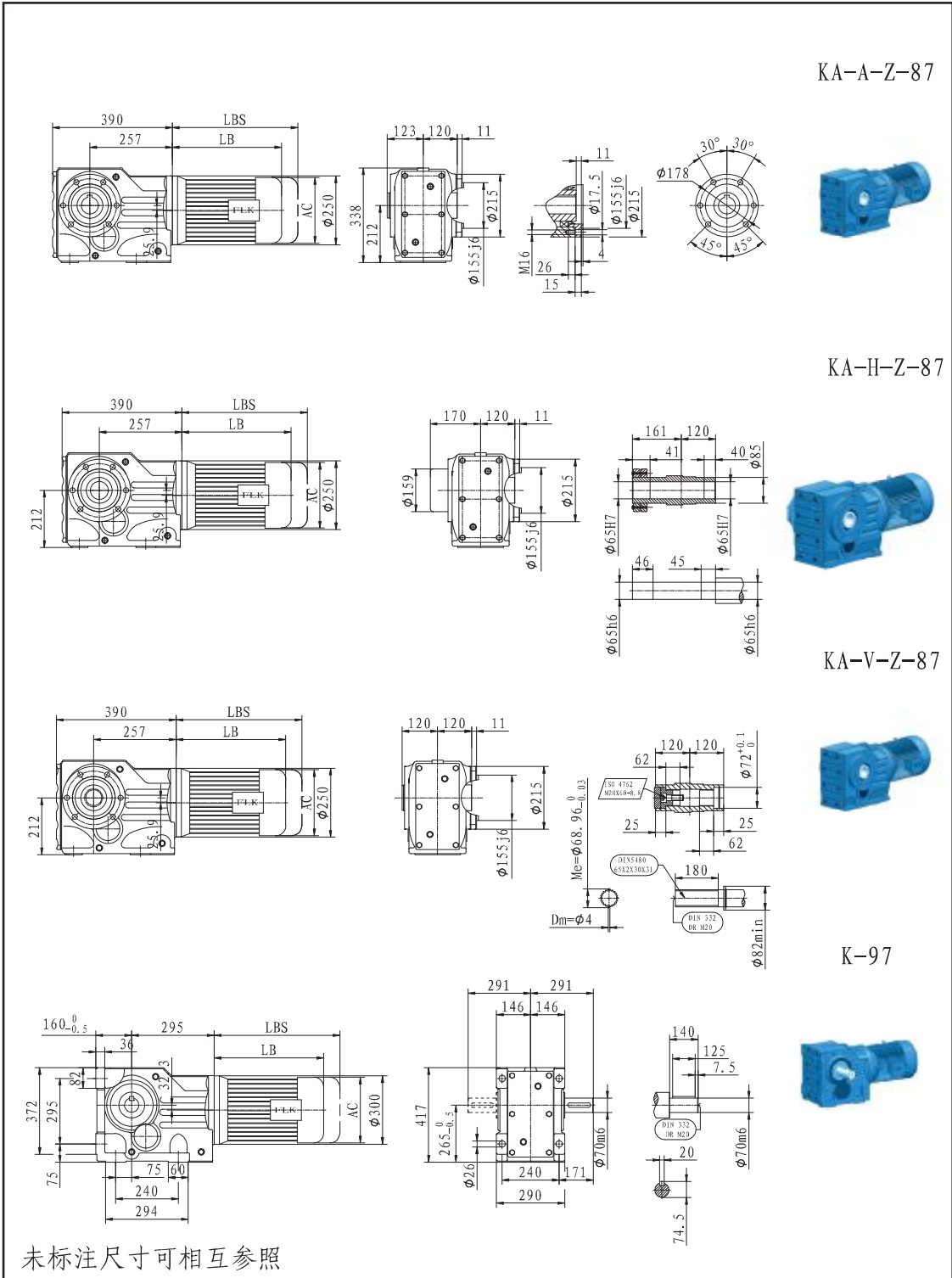
KA-V-87



KA-A-T-87

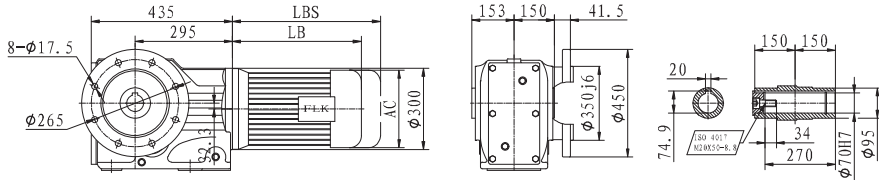


未标注尺寸可相互参照

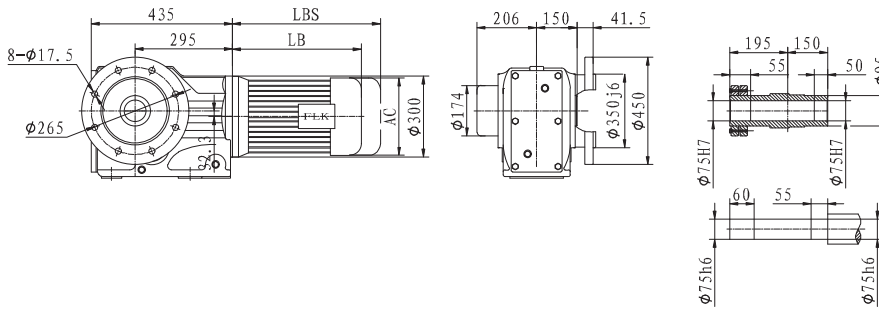




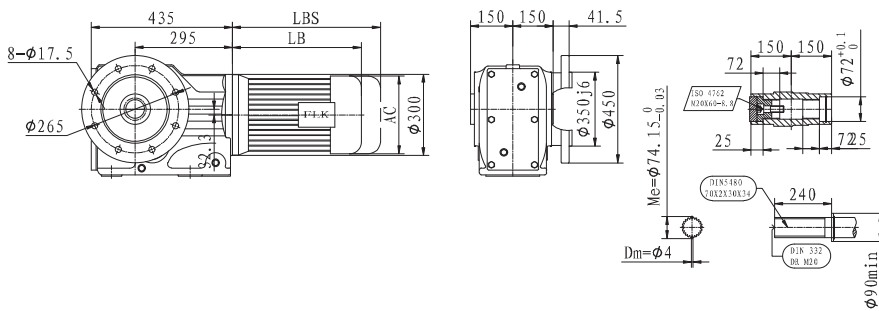
KA-A-F-97



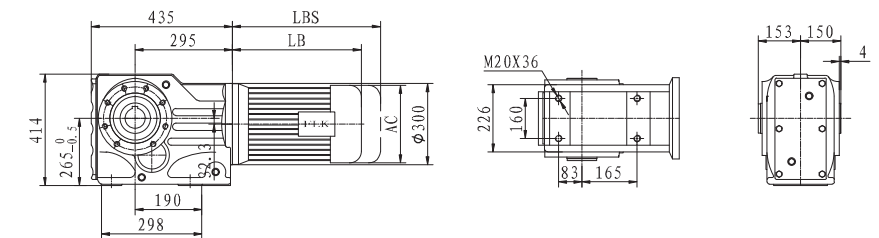
KA-H-F-97



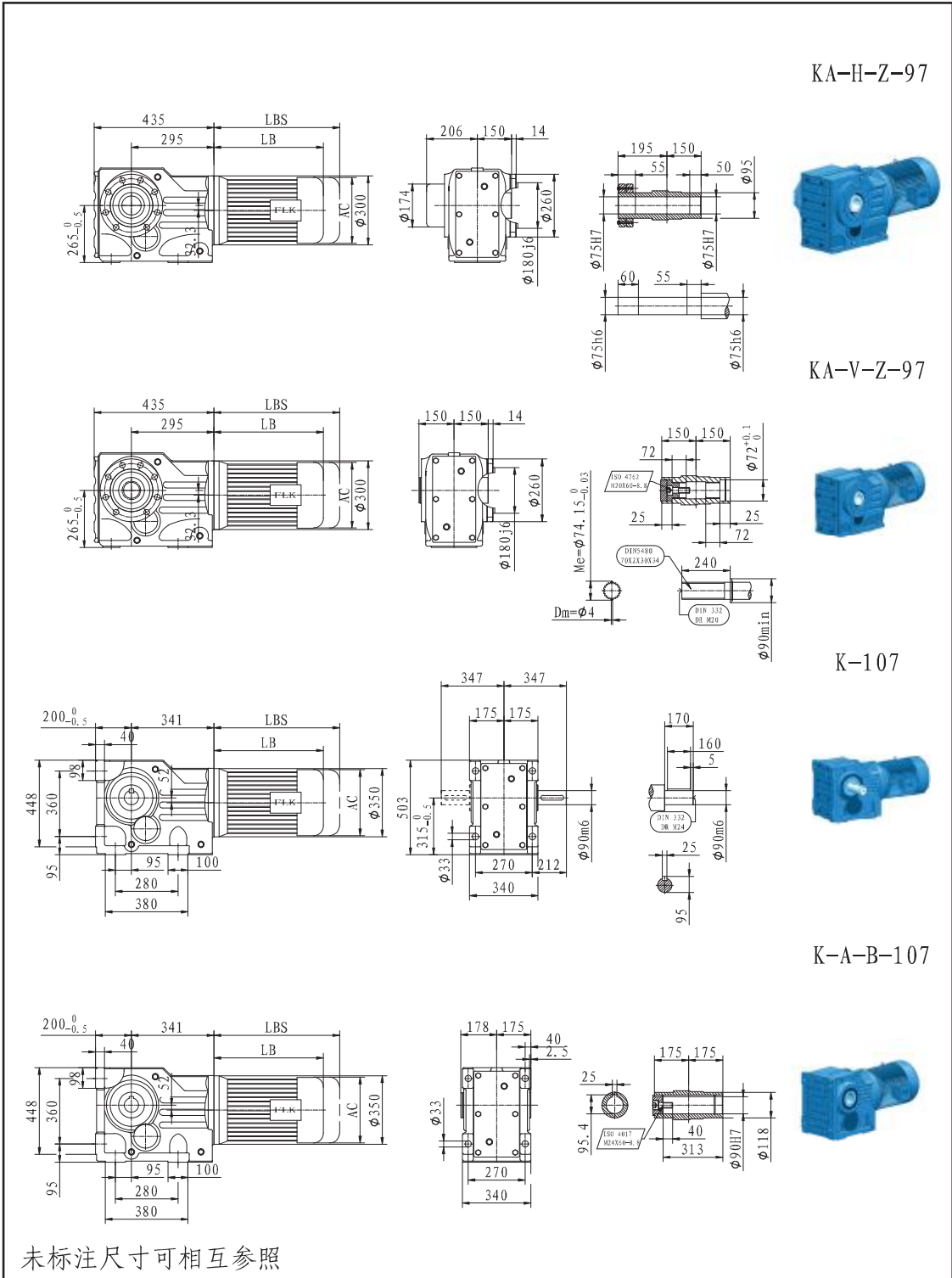
KA-V-F-97

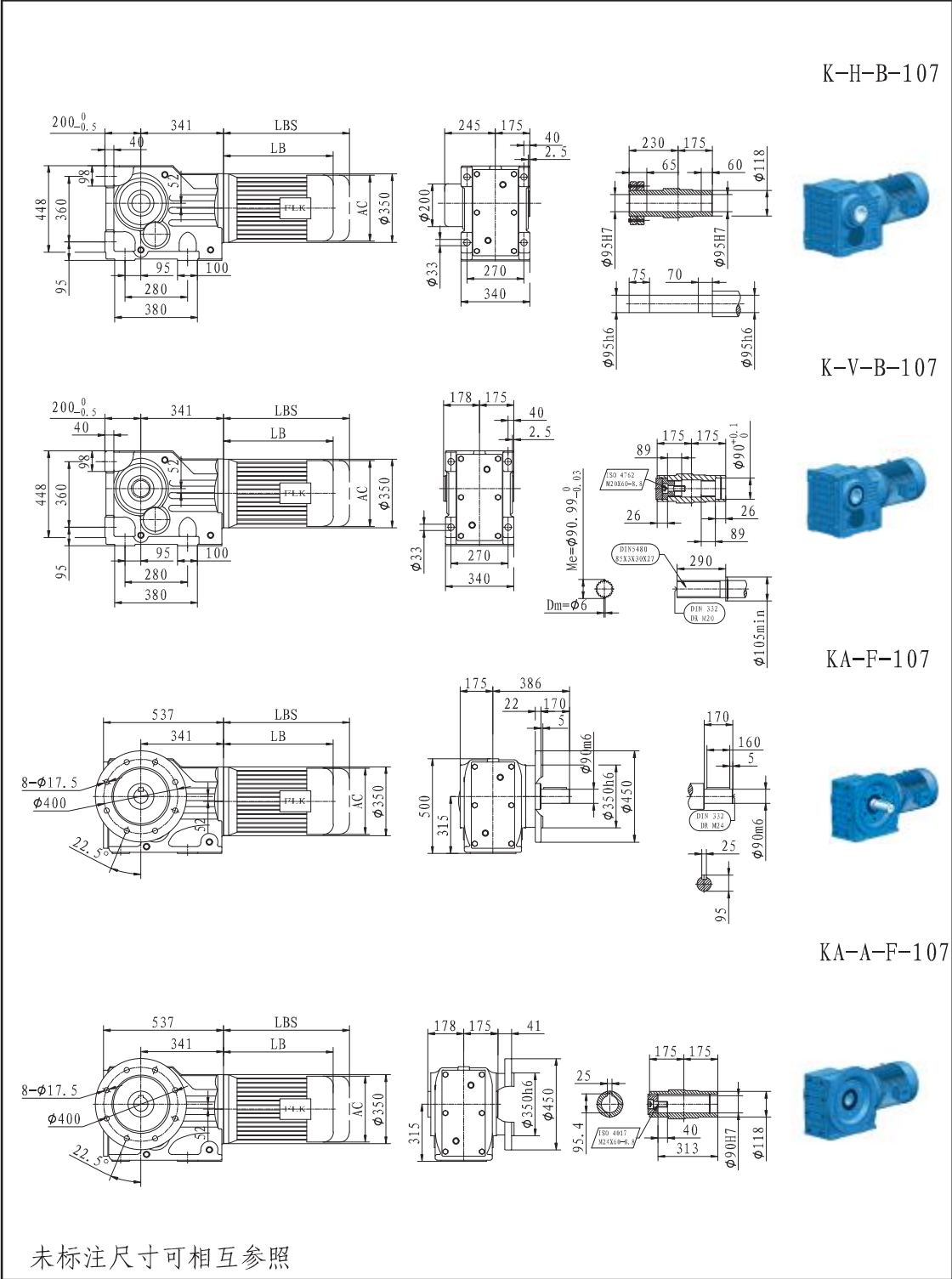


KA-A-97



未标注尺寸可相互参照



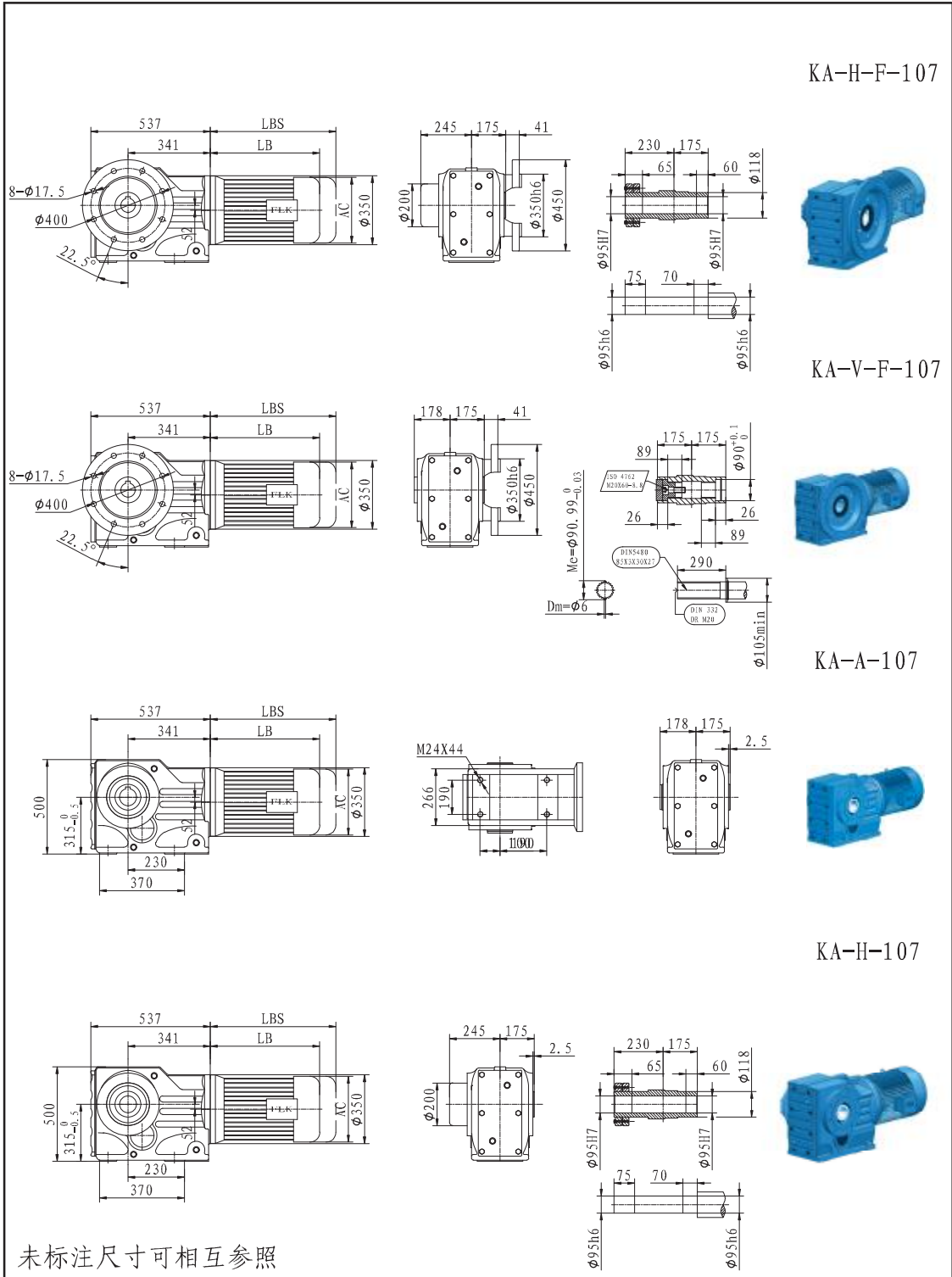


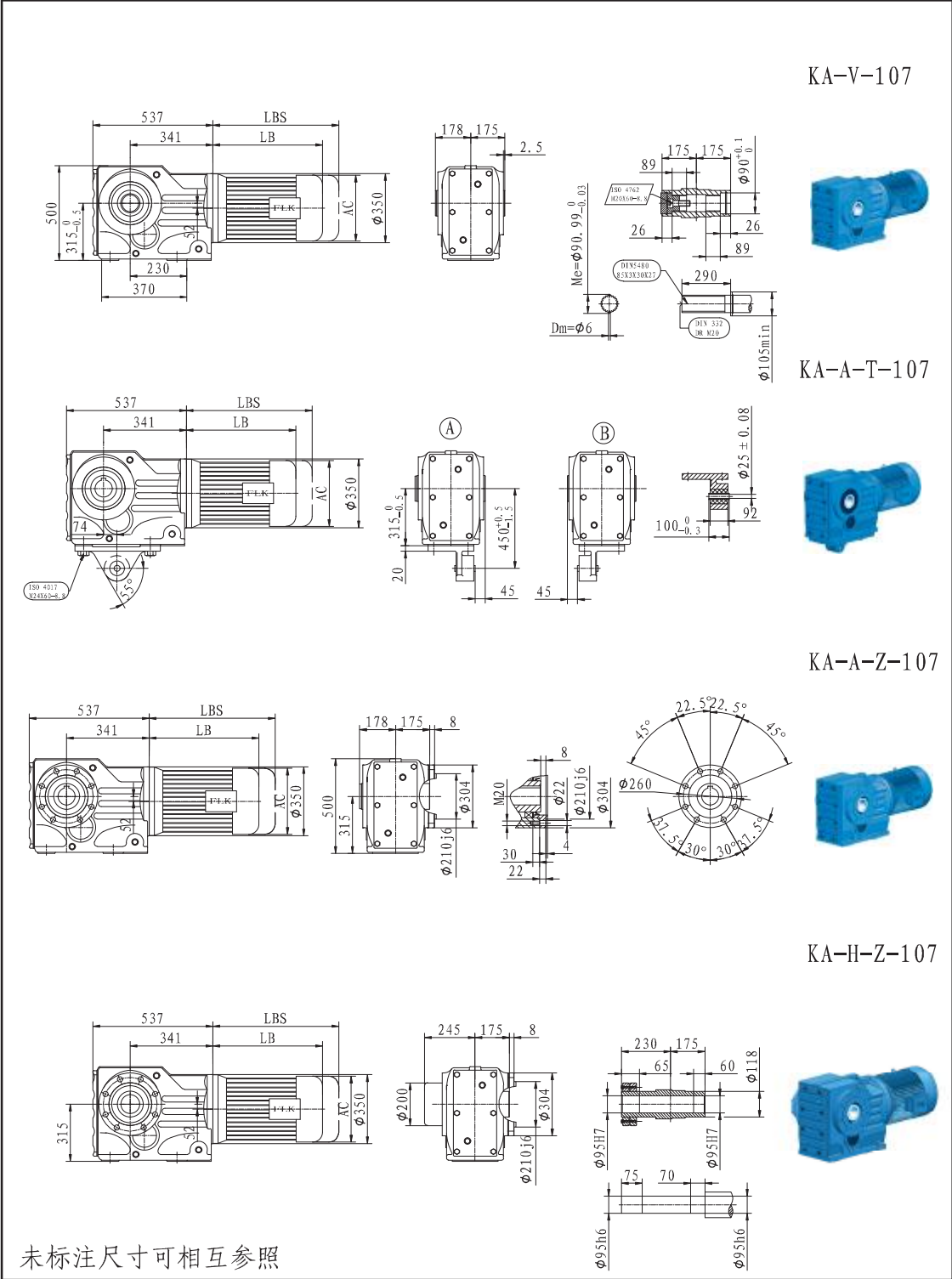
K-H-B-107

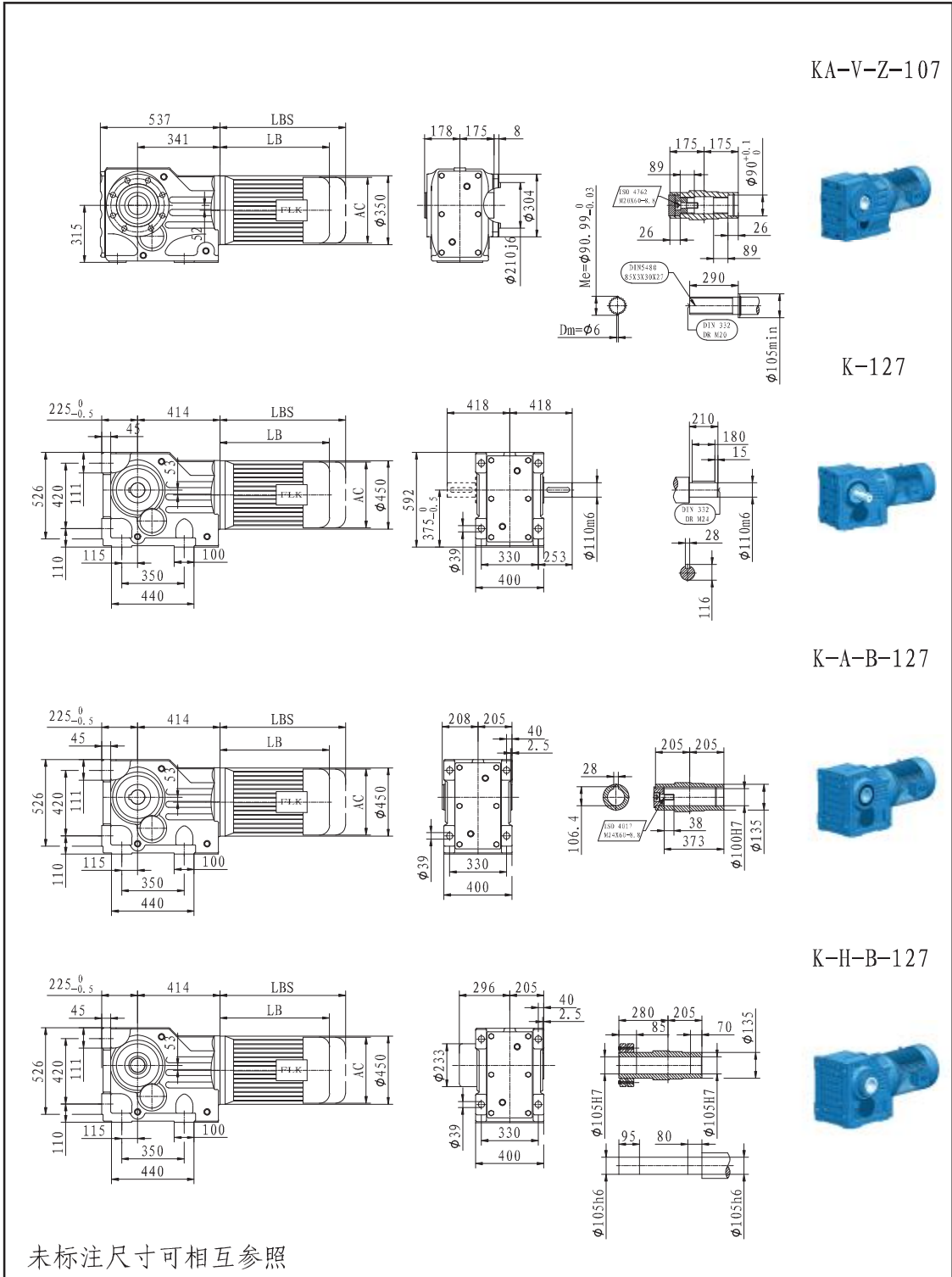
K-V-B-107

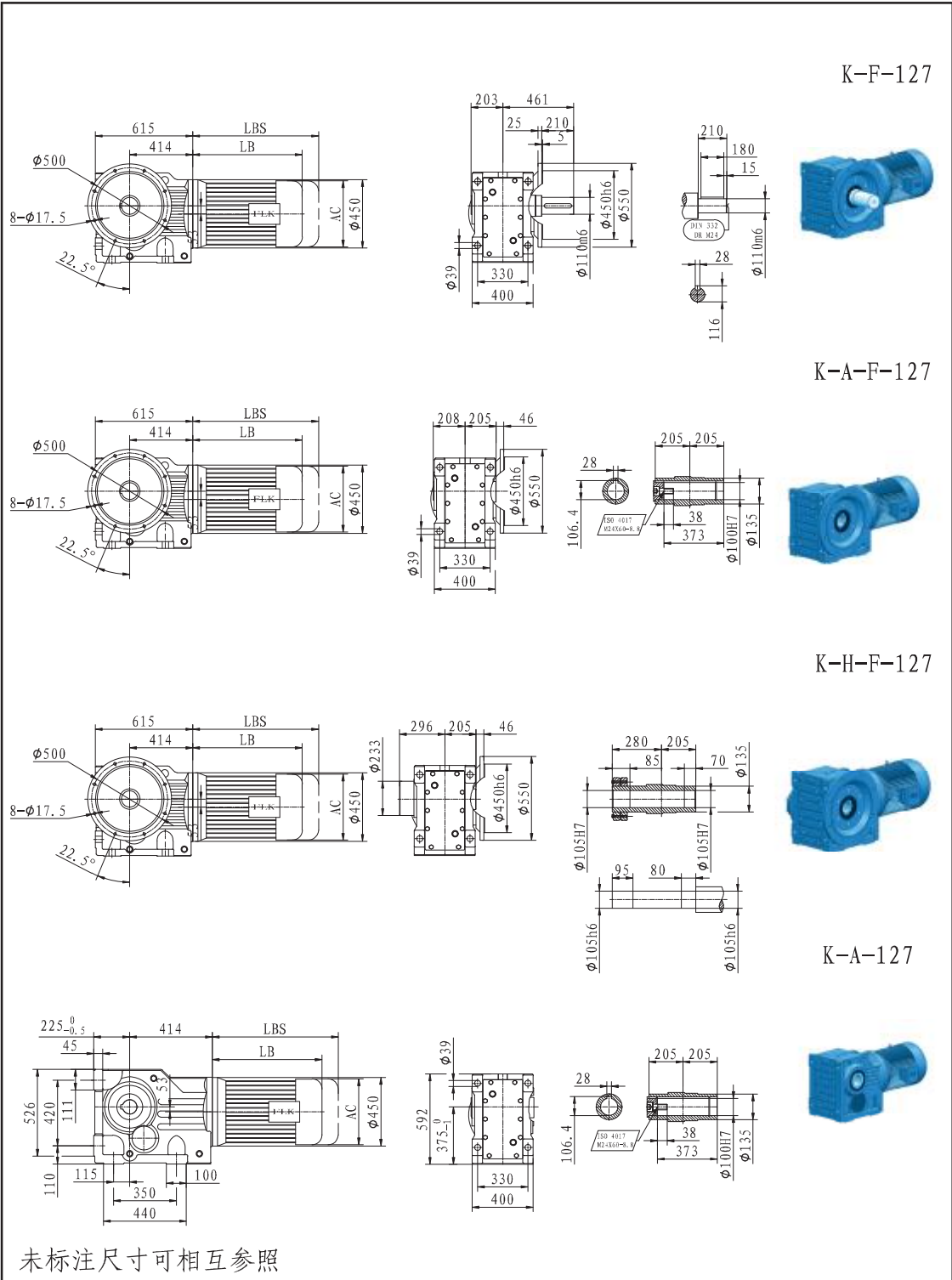
KA-F-107

KA-A-F-107





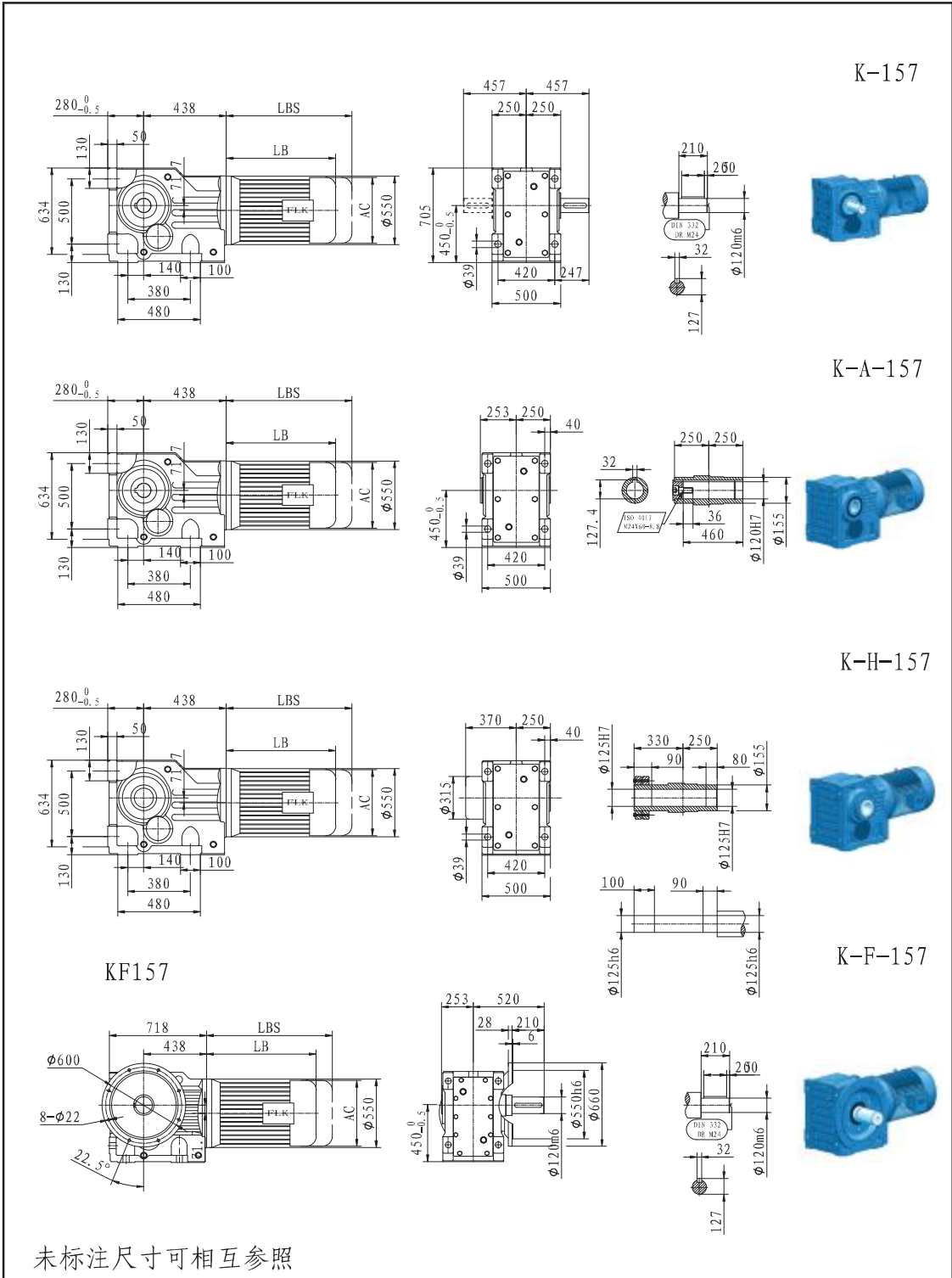






			<p>K-A-T-127</p>		
				<p>K-A-Z-127</p>	
			<p>K-A-Z-127</p>		
			<p>K-H-Z-127</p>		

未标注尺寸可相互参照





K-A-F-157

K-H-F-157

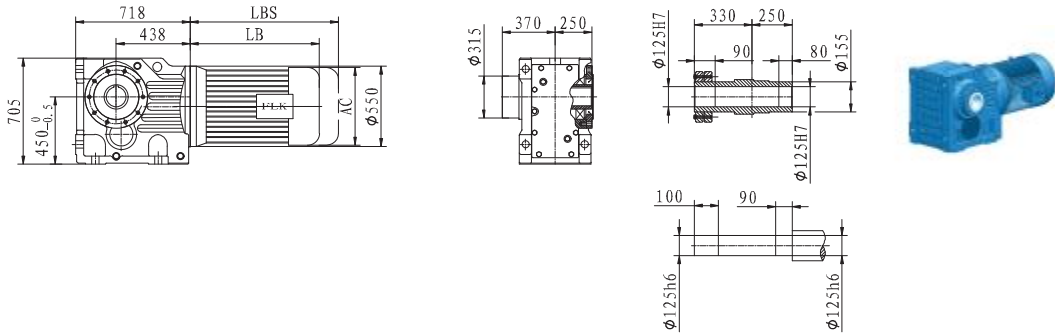
K-A-T-157

K-A-Z-157

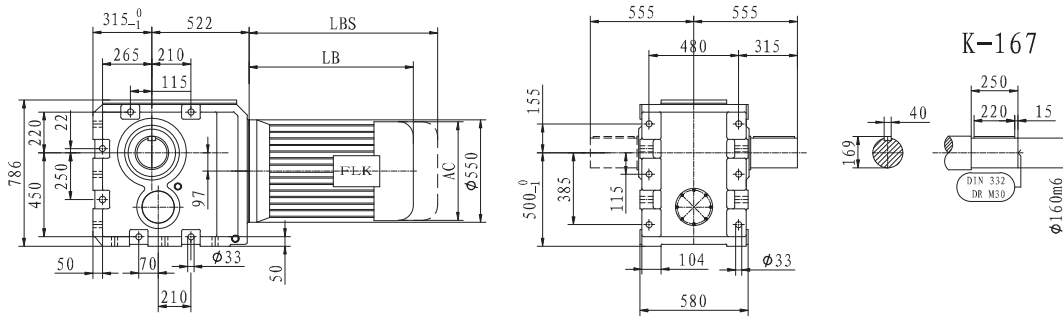
未标注尺寸可相互参照



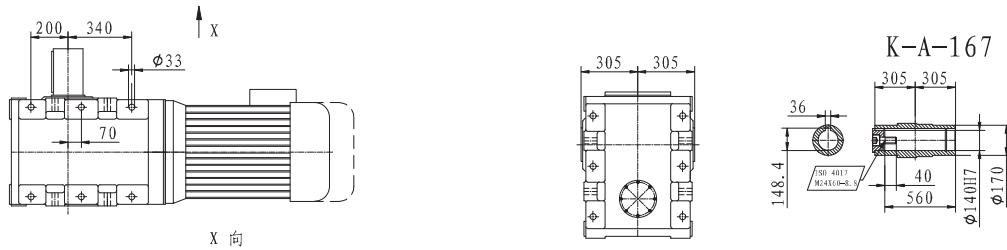
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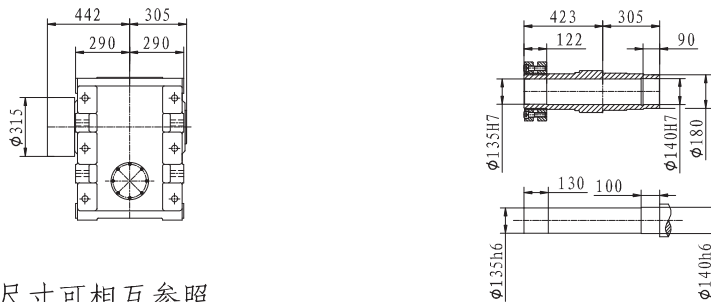
K-167



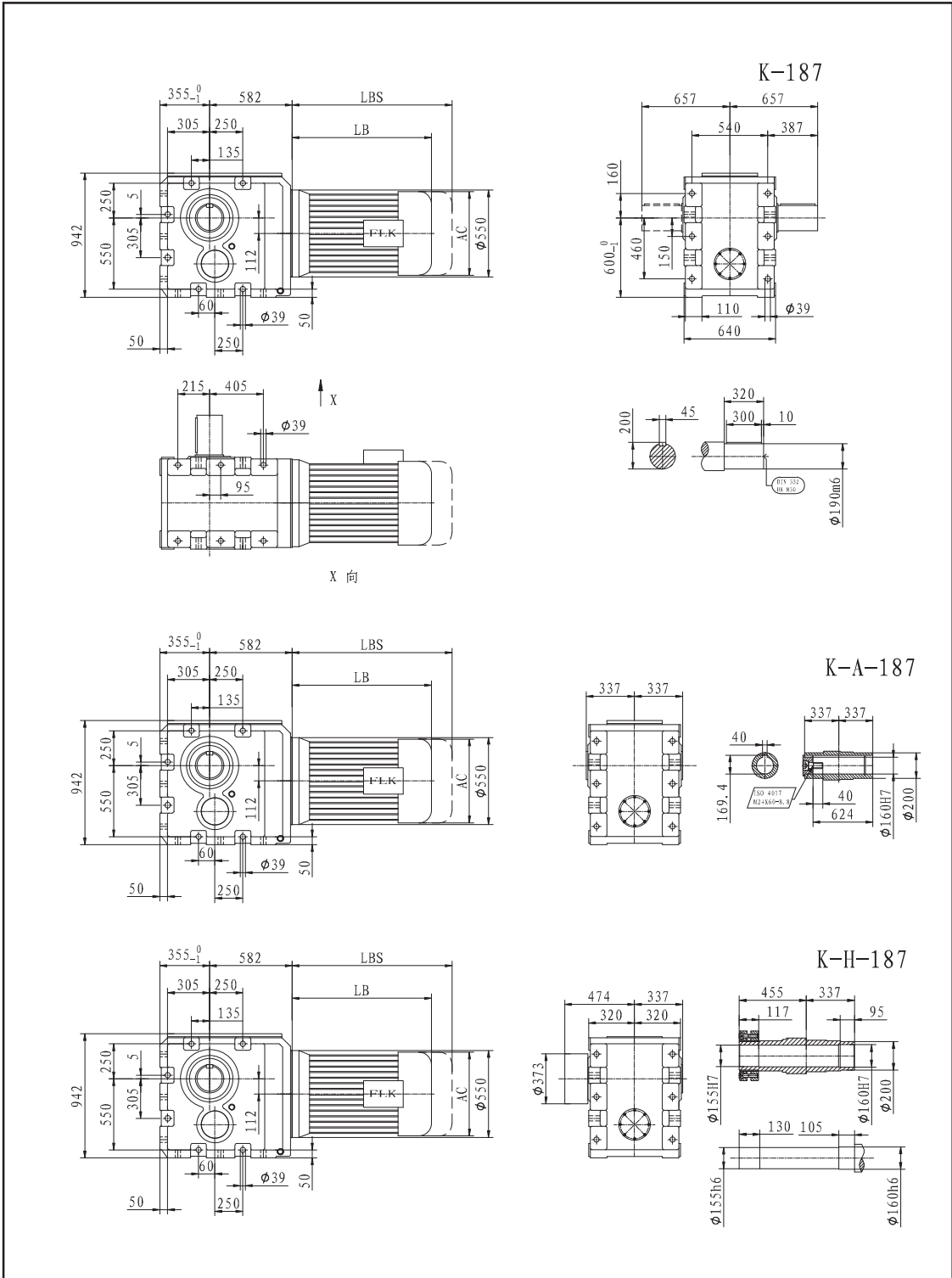
K-A-167



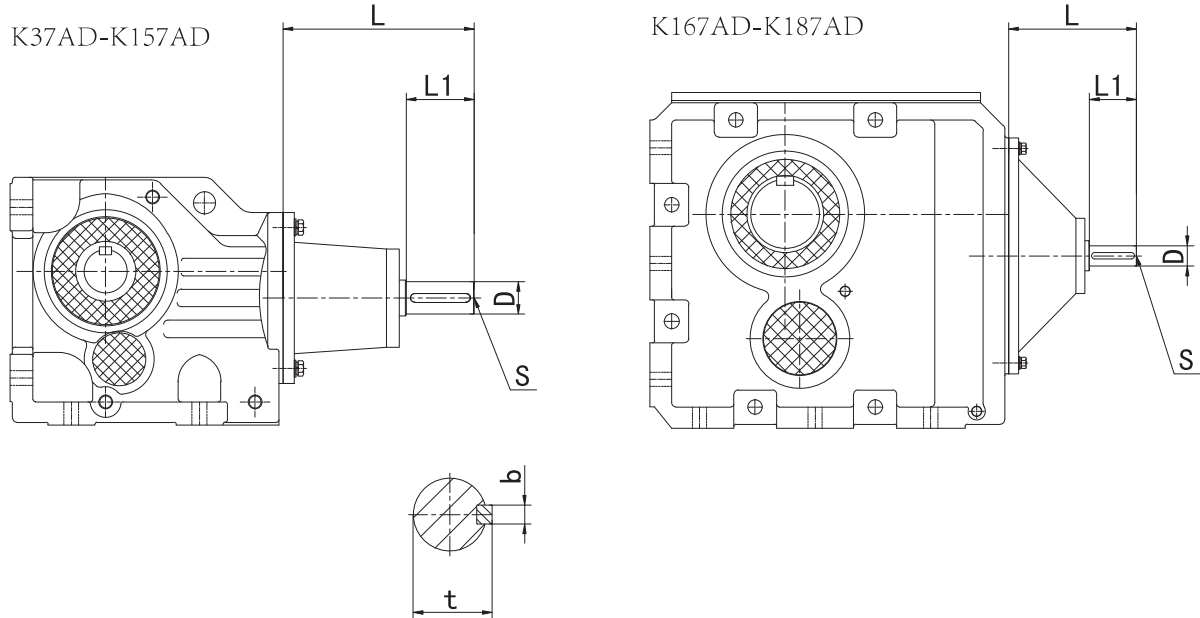
K-H-167



未标注尺寸可相互参照

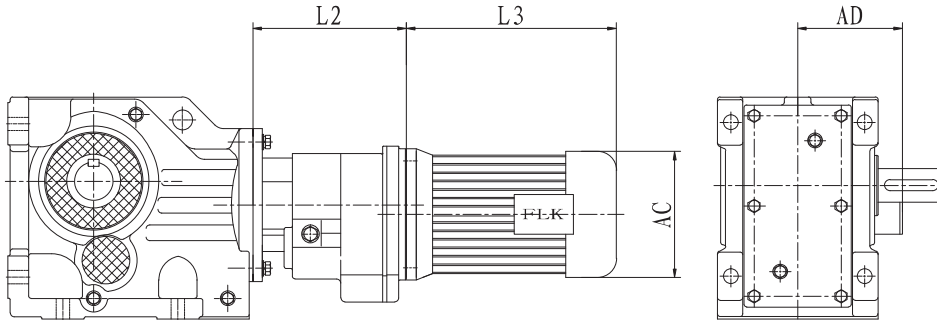


K-AD轴输入型外形尺寸图/K-AD:Dimension Sheet For Input Shaft Type



型号 Gear unit type		输入轴尺寸/Input shaft dimension						型号 Gear unit type		输入轴尺寸/Input shaft dimension					
		L	L1	D	t	b	S			L	L1	D	t	b	S
K37	AD1	102	40	16	18	5	M5	K127	AD6	306	110	48	51.5	14	M16
	AD2	128	40	19	21.5	6	M8		AD7	300	110	55	59	16	M20
K47	AD2	123	40	19	21.5	6	M5	K157	AD6	298	110	48	51.5	14	M16
	AD3	159	50	24	27	8	M8		AD7	292	110	55	59	16	M20
K57	AD2	123	40	19	21.5	6	M6	K167	AD8	374	140	70	74.5	20	M20
K67	AD2	123	40	19	21.5	6	M6		AD6	298	110	48	51.5	14	M16
K77	AD3	150	50	24	27	8	M8	K187	AD7	292	110	55	59	16	M20
	AD4	224	80	38	41	10	M12		AD8	374	140	70	74.5	20	M20
K87	AD3	156	60	28	31	8	M10	K187	AD6	298	110	48	51.5	14	M16
	AD4	219	80	38	41	10	M12		AD7	292	110	55	59	16	M20
K97	AD5	292	110	42	45	12	M16	K187	AD8	374	140	70	74.5	20	M20
	AD4	214	80	38	41	10	M12								
	AD6	309	110	48	51.5	14	M16								
K107	AD4	208	80	38	41	10	M12								
	AD5	281	110	42	45	12	M16								
	AD6	321	110	48	51.5	14	M16								

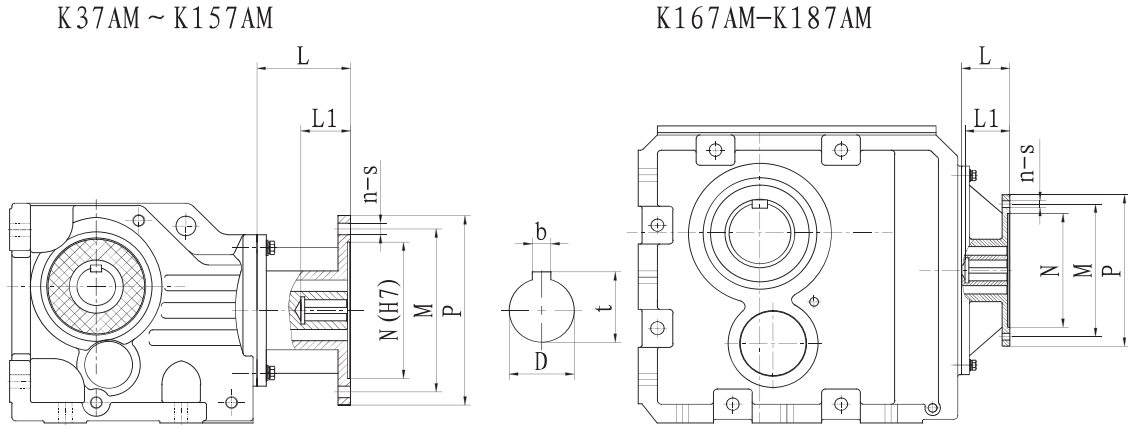
K-RF-F 多级串联型减速机外形尺寸图 / K-RF-F Multi-stage Reducer Dimension



型号 Gear unit type	机座号 Thermal box No.	L2	L3	AD	AC
K-47-RF-F-37 K-67-RF-F-37	Y63..	165	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
K-57-RF-F-37	Y63..	157	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
	Y90S..		297	155	195
K-77-RF-F-37	Y63..	216	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
	Y90S..		297	155	195
K-87-RF-F-37	Y63..	211	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
	Y90S..		297	155	195
	Y90L..		322	155	195
	Y100L..		355	180	215
K-97-RF-F-37	Y63..	247	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
	Y90S..		297	155	195
	Y90L..		322	155	195
	Y100L..		355	180	215
K-107-RF-F-37	Y63..	240	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
	Y90S..		297	155	195
	Y90L..		322	155	195
	Y100L..		355	180	215
	Y112M..		370	190	240
	Y132M		450	210	275
	Y160M		494	255	330

型号 Gear unit type	机座号 Thermal box No.	L2	L3	AD	AC
K-127-RF-F-77	Y63..	232	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
	Y90S..		297	155	195
	Y90L..		322	155	195
	Y100L..		355	180	215
	Y112M..		370	190	240
	Y132S		410	210	275
	Y132M		450	210	275
	Y160M		494	255	330
K-127-RF-F-87	Y90S..	280	297	155	195
	Y90L..		322	155	195
	Y100L..		355	180	215
	Y112M..		370	190	240
	Y132S		410	210	275
	Y132M		450	210	275
K-157-RF-F-97 K-167-RF-F-97 K-187-RF-F-97	Y80..	325	283	145	175
	Y90S..		297	155	195
	Y90L..		322	155	195
	Y100L..		355	180	215
	Y112M..		370	190	240
	Y132S		410	210	275
	Y132M		450	210	275
	Y160M		494	255	330
	Y160L		549	255	255
	Y180M		584	280	280
K-157-RF-F-107 K-167-RF-F-107 K-187-RF-F-107	Y180L	282	625	280	380
	Y200L		660	305	420
	Y100L..		355	180	215
	Y112M..		370	190	240
	Y132S		410	210	275
	Y132M		450	210	275
	Y160M		494	255	330
	Y160L		549	255	255
	Y180M		584	280	280
	Y180L		625	280	380
Y200L	660	305	420		
Y225S	680	335	470		
Y225M	705	335	470		

K-AM轴输入型外形尺寸图/K-AM: Dimension Sheet For Input Shaft Type



型号		输入轴尺寸/Input shaft dimension										型号		输入轴尺寸/Input shaft dimension										
Gear unit type		L	L1	D	b	M	N	P	s	t	n	Gear unit type		L	L1	D	b	M	N	P	s	t	n	
K37	Y63	65	34	11	4	115	95	140	10	12.8	4	K97	Y100	84.5	63	28	8	215	180	250	15	31.3	8	
	Y71	65	34	14	5	130	110	160	10	16.3	8		Y112	96	85	38	10	265	230	300	15	41.3	8	
	Y80	65	45	19	6	165	130	200	12	21.8	8		Y160	125	113.5	42	12	300	250	350	19	45.3	8	
	Y90	65	51	24	8	165	130	200	12	27.3	8		Y180	125	113.5	48	14	300	250	350	19	51.8	8	
	Y100	95	70	28	8	215	180	250	15	31.3	8		Y200	155	118.5	55	16	350	300	400	19	59.3	8	
	Y132	105	84	38	10	265	230	300	15	41.3	8													
K47	Y71	65	34	14	5	130	110	160	10	16.3	8	K107	Y100	125	69	28	8	215	180	250	15	31.3	8	
	Y80	96	42	19	6	165	130	200	12	21.8	8		Y112	96	85	38	10	265	230	300	15	41.3	8	
	Y90	96	54	24	8	165	130	200	12	27.3	8		Y160	110	116	42	12	300	250	350	19	45.3	8	
	Y100	79.5	66	28	8	215	180	250	15	31.3	8		Y180	110	114	48	14	300	250	350	19	51.8	8	
	Y112	79.5	66	28	8	215	180	250	15	31.3	8		Y200	155	114	55	16	350	300	400	19	59.3	8	
K57	Y71	65	34	14	5	130	110	160	10	16.3	8	K127	Y225	145	143	60	18	400	350	450	19	64.4	8	
	Y80	96	42	19	6	165	130	200	12	21.8	8		Y132	125	96	38	10	265	230	300	15	41.3	8	
	Y90	96	54	24	8	165	130	200	12	27.3	8		Y160	125	116	42	12	300	250	350	19	45.3	8	
	Y100	79.5	66	28	8	215	180	250	15	31.3	8		Y180	125	116	48	14	300	250	350	19	51.8	8	
K67	Y71	65	34	14	5	130	110	160	10	16.3	8	K157	Y200	125	116	55	16	350	300	400	19	59.3	8	
	Y80	96	42	19	6	165	130	200	12	21.8	8		Y225	155	146	60	18	400	350	450	19	64.4	8	
	Y90	96	54	24	8	165	130	200	12	27.3	8		Y250	160	142	65	18	500	450	550	19	69.4	8	
	Y100	79.5	66	28	8	215	180	250	15	31.3	8		Y280	160	142	75	20	500	450	550	19	79.9	8	
	Y112	79.5	66	28	8	215	180	250	15	31.3	8		Y160	125	116	42	12	300	250	350	19	45.3	8	
K77	Y80	91	64	19	6	165	130	200	12	21.8	8	K167	Y180	125	116	48	14	300	250	350	19	51.8	8	
	Y90	121	64	24	8	165	130	200	12	27.3	8		Y200	125	116	55	16	350	300	400	19	59.3	8	
	Y100	121	64	28	8	215	180	250	15	31.3	8	K187	Y225	175	146	60	18	400	350	450	19	64.4	8	
	Y112	121	64	28	8	215	180	250	15	31.3	8		Y280	145	143	75	20	500	450	550	19	79.9	8	
	Y132	121	84	38	10	265	230	300	15	41.3	8													
	Y160	155	115	42	12	300	250	350	19	45.3	8													
K87	Y90	84.5	63	24	8	165	130	200	12	27.3	8													
	Y100	84.5	63	28	8	215	180	250	15	31.3	8													
	Y112	84.5	63	28	8	215	180	250	15	31.3	8													
	Y132	96	85	38	10	265	230	300	15	41.3	8													
	Y160	125	116	42	12	300	250	350	19	45.3	8													
	Y180	125	116	48	14	300	250	350	19	51.8	8													