

R
P

TAILONG

江苏泰隆减速机股份有限公司
JIANGSU TAILONG DECELERATOR MACHINERY CO.,LTD.



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R系列斜齿轮减速电机 R series helical gear units



P系列平行轴 斜齿轮减速电机 P series Parallel axis helical gear units





公司简介

泰隆集团地处扬子江畔的泰兴市区，是泰兴人引以为豪的国家大型企业。泰隆集团东临沪宁高速，西靠扬泰机场，南有江阴大桥，交通便捷，物流畅通，具有得天独厚的区位优势。

集团在全国优秀企业家、江苏省劳动模范董事长殷根章的领导下，经过近40年的悉心经营，昂首迈进了中国机械工业500强，成为全国减速机行业排头兵企业。高新技术企业，全国减速机行业协会理事长单位，全国减速机标准化技术委员会秘书处，集团拥有江苏泰隆减速机股份有限公司、江苏金泰隆机电设备制造厂、江苏泰隆风机制造有限公司、江苏泰隆高新传动设备有限公司、江苏万基传动科技有限公司、泰兴市泰隆铸造有限公司。

现拥有总资产18.28亿元，占地面积80万平方米，现有员工2026人，其中工程技术人员380人、大专以上学历人员891人。拥有各类通用、专用生产、检测设备1900余台（套），从美国、德国、日本、俄罗斯等国家购进的大型数控磨齿机、大型数控铣床、蜗杆磨床、氮氮共渗炉等一批高精尖的生产设备和检测设备达23%。建立了全国同行业中检测功能齐全，仪器先进的2000kW测试中心，创建了国家级博士后科研工作站、江苏省企业技术中心、江苏省传动机械与控制工程技术研究中心。拥有专利或百余件。

公司的主导产品减速机在原有十几个系列，几十万种规格的基础上，采用先进的模块化、点线啮合等技术开发出了模块化齿轮减速机，TPB行星模块化减速器，重载模块化齿轮减速器，点线啮合减速器，风电齿轮箱，水力发电变速装置，核电循环水泵驱动变速装置，工业机器人关节用精密减速器等高新技术产品，同时为客户订制各类非标齿轮箱。泰隆工业园区已经成为国内最大的钢帘线设备生产基地，双叶，三叶罗茨风机及高温风机机群出口东南亚及欧美。

产品成功应用于中华世纪坛、三峡工程、嫦娥一号发射基地、辽宁红沿河及福建宁德核电站等国家重点工程和宝钢集团、首钢集团、建龙钢厂、日照钢厂、沙钢集团、上海振华港机、葛洲坝集团、夹江木工、中国铝业、伊拉克泵站、三一重工、成都利君、金风科技、河南卫华集团等国内外著名大型企业集团。

公司荣获“全国守合同重信用企业”、“全国机械工业质量效益型先进企业”、“全国机械工业质量奖”、“全国用户满意企业、产品、服务”等殊荣。在同行业中率先通过了国家AAAA标准化良好行为企业认证，一级安全质量标准化机械制造企业认证，GB/T19022完善计量检测体系认证，ISO9001质量体系认证，ISO14001环境体系认证，OHSAS18001职业健康安全认证。产品通过矿用产品安全标志认证，起重行业型式试验认可认证，CCS产品检验认证，CE认证，泰隆牌商标曾被国家工商总局认定为中国驰名商标，泰隆牌减速机被评为中国名牌产品。

泰隆人将遵循自己一贯的质量承诺、服务承诺和信誉承诺，把顾客满意当作我们的最高追求！

Company Brief

Tailong Group, located in Taixing city along riverside of the Yangzi River, is a national giant enterprise which Taixing people are proud of. Tailong Group is east to Highway of Shanghai-Nanjing, west to Yangzhou-Taizhou airport and south to the Jiangyin Bridge. Convenient transportation and smooth physical distribution build the unparalleled location advantages for Tailong Group. With effortful operation for over 40 years, Tailong Group, under leadership of national outstanding entrepreneur, chairman Mr. Yin genzhang, a model worker of Jiangsu Province, has developed in one of top 500 machinery industrial enterprises in China, playing a leading role in domestic reducer/transmission industry, new and high technology enterprise, Chairman of the national Industry association of reducers, and national committee on standardization of reducers.

Our group is made up of Jiangsu Tailong decelerator machinery Co.,Ltd, Jiangsu JiuTailong electromechanical equipment manufactory, Jiangsu Tailong draught fan manufacturing Co.,Ltd., Jiangsu Tailong High Level Transmission Equip Co.,Ltd, Jiangsu Wanji Transmission Technology Co.,Ltd. and Taixing Tailong casting Co.,Ltd.

At present, the group has total assets of RMB1828million, and it covers an area of 800,000 square meters. There are 2026 workers in our group, 380 of them are engineering technicians and 891 of them are college degree or above. We have many kinds of general use, special use and testing equipments, it totals more than 1900 sets. 23% of them are sophisticated and advanced manufacturing equipments and testing equipments, such as large CNS gear grinding machine, large CNC boring and milling machine, worm grinder, machining centre and carbonitriding furnace that are imported from USA, Germany, Japan, Russia and so on. We have established a 2000kW testing center with complete testing function and advanced instruments of the industry national wide. We have also created national level post-doctor scientific research workstation, enterprise technology center of Jiangsu province, mechanical transmission and control Engineering research Center of Jiangsu Province. It have over 200 patents.

The dominant product, the reducer is available in decades of series and several hundred thousand specifications. Equipped with advanced modular and dot line engagement technology, we have additionally developed series of high tech products such as TL modular gear retarded machine, TPB modular planet reducer, heavy load modular gear retarded machine, dot line engaged reducer, wind driven gearbox, transmission for hydro-power generation, nuclear circling pump driven gearbox, Cycloid enveloping precision reducer used in industrial robot's joint and various special non-standard gearboxes. Tailong Industrial Park has become the largest steel cord production base of national wide. Our two-vane and three-vane Roots blowers and high temperature blower are exported to South East Asia, Europe and America in batches. Our products are successfully used in the China Millennium Monument, the Three Gorges Dam, the Chang'e launch, the nuclear power station of Liaoning Hongyanhe and FujianNingde and other national key projects. Key customers include Baosteel Group, Shougang Group, Jianlong steel mill, Rizhao steel mill, Shagang group, Shanghai Zhenhua Port Machinery, Gezhouba Group, Jiaying hydraulic, China aluminium, Iraqi pump station, Sany Heavy Industry, Chendu Lijun, Goldwind Science & Technology, Henan weihua group and so on.

The company is ever granted as "national contract-respecting and credit-keeping enterprise", "national high quality and efficiency unit in machinery industry", "quality management award of national machinery industry", "national custom satisfied service", "excellent enterprise of quality management team activity of national machinery industry" and so on. We are certified as the good enterprise with better standardization with national AAAA certification and the first grade safety quality standardized machinery manufacturing enterprise and have passed such certifications as GB/T19022 perfect the measurement test system, ISO9001 quality system, ISO14001 environmental system, and OHSAS18001 occupational health and safety. Our products are certified with safety marks for mining products and recognized through lifting industry type test. Tailong brand is recognized as the Chinese famous brand by national industrial and commercial bureau and Tailong reducer is awarded as the Chinese famous brand product.

Tailong people will keep to its persistent quality guarantee, service guarantee and credit, satisfying customer as our topmost pursuit.



产品目录

Product contents

1.性能特性 Properties.....	1
2.选型方法 Type selections	1
3.载荷特征表 Table of load characteristic	3
R系列斜齿轮减速机 R series helical gear units	
4.1 R系列减速机设计方案 Design proposals of R series	R1
4.2 型号与标记 Type and mark	R2
4.3 安装形式 Mounting mode	R2
4.4 接线盒位置 Positions of motor terminal box	R2
4.5 速比范围和最大扭矩 Range of ratio and maximum torque	R3
4.6 润滑油量表 Table of oil level	R3
4.7 承载能力表 Carrying capacity	R4
4.8 R02-R16 底脚安装外形尺寸图 R02-R16 Dimension of foot-mounted	R59
4.9 RF02-RF16 B5法兰安装外形尺寸图 RF02-RF16 Dimension of flange-mounted.....	R69
4.10 RX05-RX10 单级底脚安装外形尺寸图 RX05-RX10 Dimension of single stage foot-mounted	R81
4.11 RFX05-RFX10 单级B5法兰安装外形尺寸图	R84
RFX05-RFX10 Dimension of single stage B5 flange-mounted.....	
4.12 R..AD.. 轴输入型外形尺寸图 R..AD..Dimension of input shaft mounted	R90
4.13 R..RF.. 多级串联型减速机外形尺寸图 R..RF.. Dimension of multilevel series units.....	R91
P系列 平行轴-斜齿轮减速机 P series Parallel axis helical gear units	
5.1 P系列减速机设计方案 Design proposal of P series	P1
5.2 型号标记 Type and mark.....	P2
5.3 安装形式 Mounting mode	P2
5.4 接线盒位置 Positions of motor terminal box	P2
5.5 速比范围和最大扭矩 Range of ratio and maximum torque.....	P3
5.6 润滑油量表 Table of oil level	P3
5.7 承载能力表 Carrying capacity	P4
5.8 P03-P15 底脚安装外形尺寸图 Dimension of foot-mounted	P37
5.9 PF03-PF15 B5法兰安装外形尺寸图 Dimension of B5 flange-mounted.....	P47
5.10 P..03/G-P..15/G力矩臂安装外形尺寸图 Dimension of torque arm mounted	P57
5.11 PFB14 B14法兰安装外形尺寸图 Dimension of B14 flange-mounted	P67
5.12 P..AD.. 轴轴输入型外形尺寸图 Dimension of input shaft mounted	P77
5.13 P..RF.. 多级串联型减速机外形尺寸图 Dimension of multilevel series units.....	P78
6 专用电机外形尺寸图 Dimension of specific motor.....	79



1 性能特性

R系列同轴式-斜齿轮减速机、P系列平行轴-斜齿轮减速机、K系列斜齿轮-伞齿轮减速机、S系列斜齿轮-蜗轮蜗杆减速机具有体积小、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、P、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，温升低，寿命长。

□产品荣获“江苏省高新技术产品”，“国家级火炬计划项目”，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。

2 选型方法

□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_{B1} 。

运行功率P	kW
每天工作小时数	h
每小时起停次数	次
环境温度	℃
工作机载荷特征	U-均匀载荷 M-中等载荷 H-冲击载荷
输出轴联接方式	

1) R、K、P三种系列选型

a. 根据工作机载荷特征和每天的工作时间，每小时启动次数确定工作系数 f_{B1} 。

b. 选择必要的可靠度系数 K_R 。

c. 计算总使用系数 f_e 。

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

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，每小时启动次数确定工作系数 f_{B1} 。

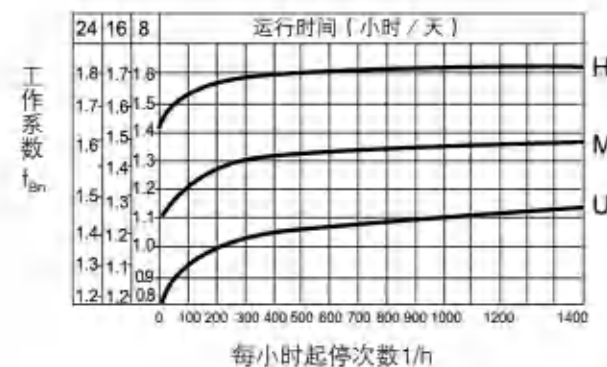
b. 选择必要的可靠度系数 K_R 。

c. 确定环境温度系数 f_{B1} 。

d. 计算总使用系数 f_e 。

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

必须满足 $f_e \leq$ 选型参数表中提供的使用系数 f_B 。



可靠度要求 K_R	
一般	1.3
较高	1.6
高	2.25

可靠度系数 K_R

环境温度系数 f_{B1}	环境温度	10℃	20℃	30℃	40℃	50℃
	冷却方式					
	无冷却或用风扇冷却	0.88	1	1.15	1.35	1.65

环境温度系数 f_{B1}

1. Properties

All of R series coaxial helical gear units, P series parallel shaft helical gear units, K series helical-bevel gear units and S series helical-worm gear units have the characteristic of small size and large torque.

They are designed and manufactured on the basis of combined module system. They have many types of motor combinations, mounting and structures. Classifications of transmission ratio are fine, meeting all kinds of working condition, and achieving electromechanical integration.

R, P, K, S series adopt the design principle of modular construction model, which reduces the kinds and storage of spare parts, and shortens period of delivery.

They have high transmission efficiency, low energy consumption, and good properties.

There have high rigidity ribbed cast iron gearbox, the gear of which adopts superior alloy steel and surface of which undergoes carburizing and quenching hardening treatment. They have high precision of gear grinding, stable driving, low noise, large carrying capacity, low temperature rise and long service life.

These products have been awarded the titles of "High-tech products of Jiangsu Province", "The National Torch Program". They are widely used in industries such as light industry, food, beer, chemical engineering, escalator, automated warehousing equipment, building, machinery, ferrous metallurgy, papermaking, wood based panel manufacturing machinery, automobile making, tobacco machinery, waterpower,

printing and packaging, pharmacy, building materials, logistics, feed machinery, environmental protection and , etc.

There is no lubrication before leaving factory, it is suggested to inject N220 industry oil of GB3141.

2 Type selections

The units are designed according to constant torque, under the temperature of 20℃, with start-stop frequency less than 5 times one hour. It should be known about the load characteristic and working conditions before selecting by type selection parameters.

According to the following two ways to select service factor f_B after ensuring the working power.

Working power P	kW
Working hours per day	h
Starting times per hour	times
Operating temperature	
Load characteristic	U-uniform load M-medium load H-impact load
Connection of output shaft	

1. Selections of R, K, P series.

a. Confirm the working factor f_{B1} according to load characteristic and working hours per day and starting times per hour.

b. Select the necessary reliability coefficient K_R .

c. Figure out the general service factor f_e .

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

It must be satisfied that $f_e \leq f_B$.

2. Selections of S series.

a. Confirm the working factor f_{B1} according to working hours per day and starting times per hour.

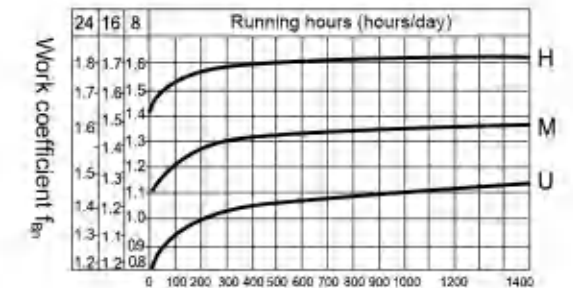
b. Select the necessary reliability coefficient K_R .

c. Confirm the operating temperature factor F_{B1} .

d. Figure out the general service factor f_e .

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

It must be satisfied that $f_e \leq f_B$.



Hourly frequency of start and stop, 1 cycle /h

Reliability coefficient K_R	
General	1.3
high	1.6
higher	2.25

Reliability coefficient K_R

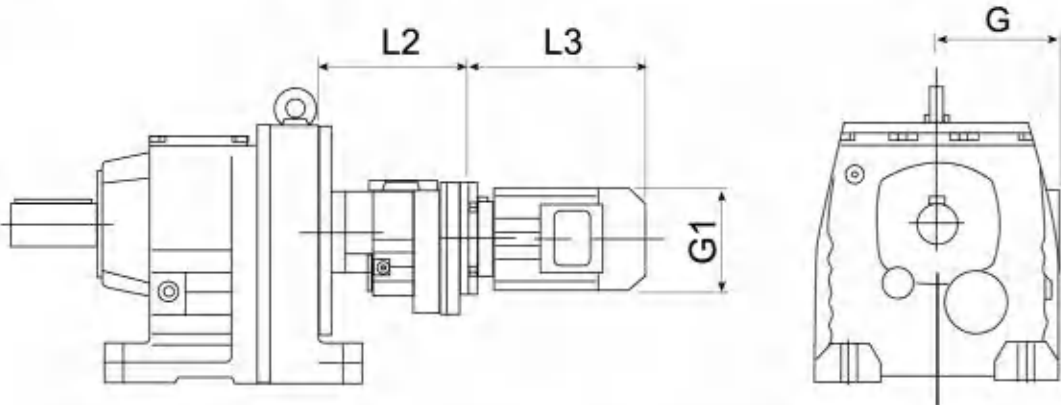
Ambient temperature coefficient f_{B1}	Operating temperature	10℃	20℃	30℃	40℃	50℃
	Type of cooling					
	No cooling or cooling with fan	0.88	1	1.15	1.35	1.65

Ambient temperature coefficient f_{B1}



4.13 R..RF..多级串联型减速机外形及安装尺寸图

R..RF.. Dimension of multilevel series units



型号Type	机座号 Type of seat	L2	L3	G	G1
R04RF03	Y63..	165	222	70	130
R05RF03	Y71..		242	80	145
R06RF03	Y80..		283	145	175
R07RF03	Y63..	157	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
R08RF05	Y63..	216	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
	Y90S..		297	155	195
R09RF05	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
R10RF07	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
R13RF07	Y112M	240	370	190	240
	Y63..		222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
	Y90S..		297	155	195
	Y90L..		322	155	195
R13RF07	Y100L		355	180	215
	Y112M..		370	190	240

型号Type	机座号 Type of seat	L2	L3	G	G1
R14RF07	Y63..	232	222	70	130
	Y71..		242	80	145
	Y80..		283	145	175
	Y90S..		297	155	195
	Y90L		322	155	195
R14RF07	Y100L		355	180	215
	Y112M..		370	190	240
R14RF08	Y63..	280	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
R14RF08	Y132M		450	210	275
	Y160M		494	255	330
R16RF09	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
R16RF09	Y160L		549	255	330
	Y160M	382	494	255	330
	Y160L		549	255	330

P系列平行轴斜齿轮减速机

P series Parallel axis helical gear units



PK..空心轴安装平行轴斜齿轮减速机

PK..hollow shaft mounted parallel shaft helical gear units



PFK..法兰空心轴安装斜齿轮减速机

PFK..hollow shaft mounted with flange helical gear units



P..底脚轴伸安装平行轴斜齿轮减速机

P..Foot-mounted with lengthening shaft parallel shaft helical gear units



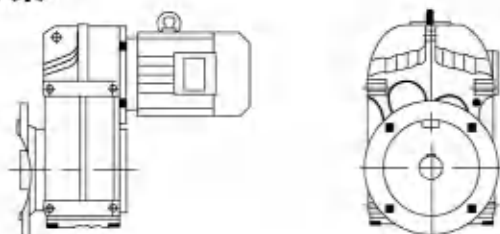
PH..花键空心轴安装平行轴斜齿轮减速机

PH..hollow shaft mounted with spline parallel shaft helical gear units



5.1 P系列斜齿轮减速电机有以下主要设计方案:

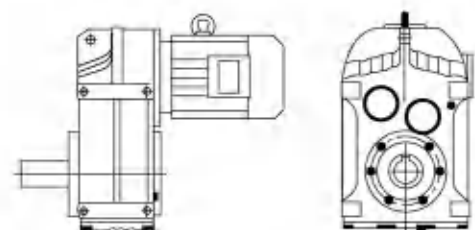
Design proposal of P series



PFK

法兰空心轴安装平行轴斜齿轮减速电机

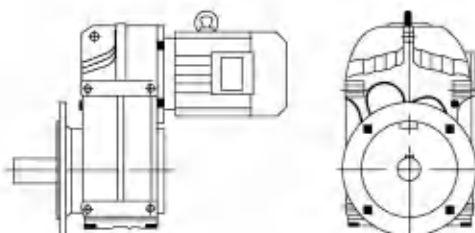
PFK-hollow shaft mounted with flange helical gear units



P

底脚轴伸式安装平行轴斜齿轮减速电机

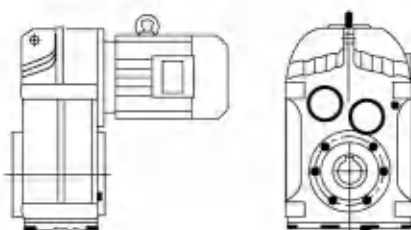
P-Foot-mounted with lengthening shaft parallel shaft helical gear units



PF..

法兰轴伸式安装平行轴斜齿轮减速电机

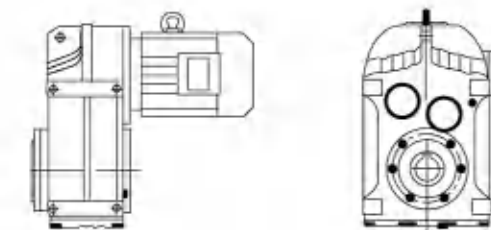
PF-flange-mounted with lengthening shaft parallel shaft helical gear units



PK..

空心轴安装平行轴斜齿轮减速电机

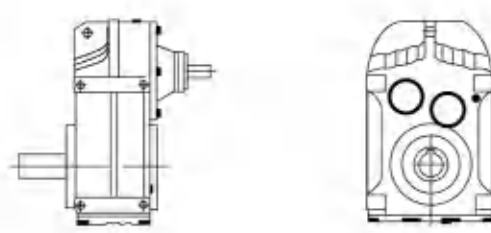
PK-hollow shaft mounted parallel shaft helical gear units



PFKB14

B14法兰空心轴安装平行轴斜齿轮减速电机

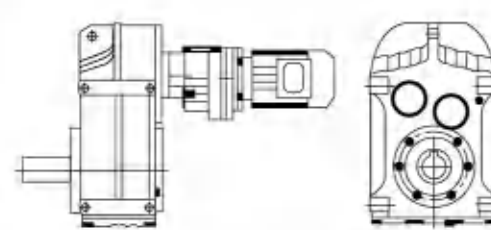
PFKB14-hollow shaft mounted with B14 flange helical gear units



P..AD..

轴输入的平行轴斜齿轮减速电机

P-AD-input shaft mounted parallel shaft helical gear units

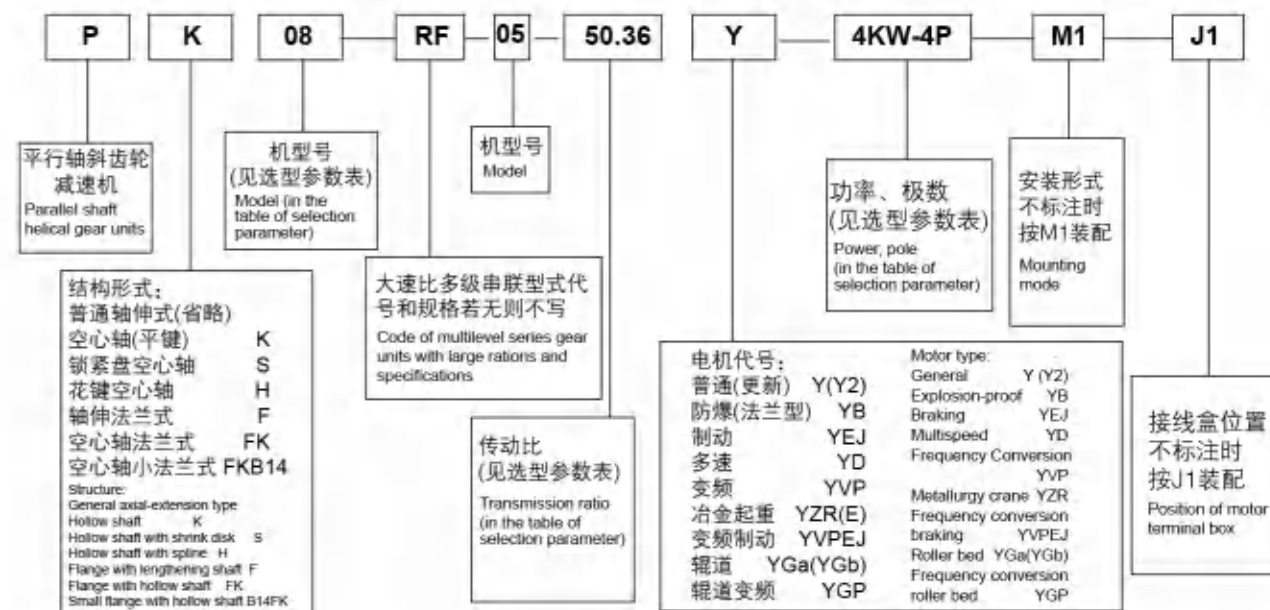


P..RF..

多级串联的组合式平行轴斜齿轮减速电机

P..RF-multilevel series parallel shaft helical gear units

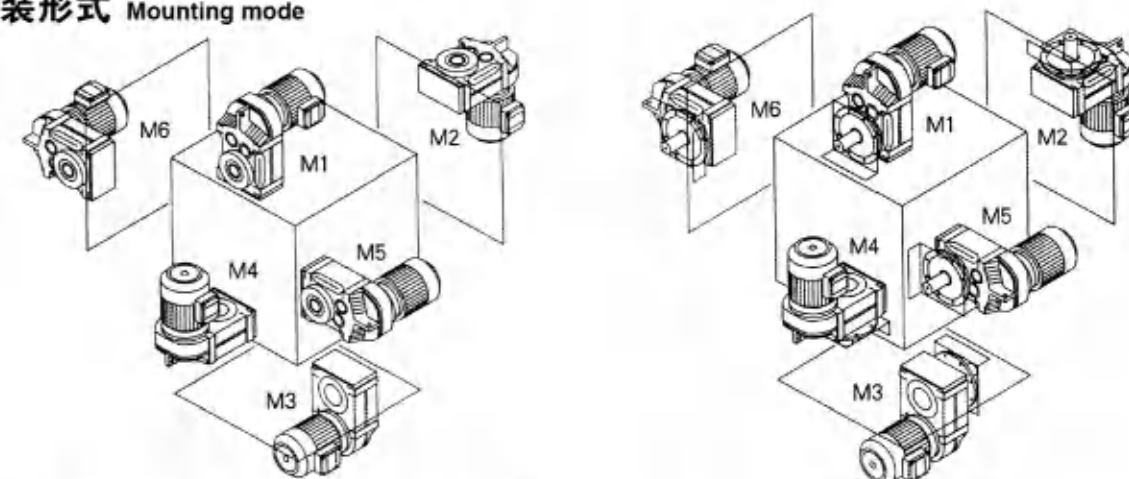
5.2 型号与标记: Type and mark



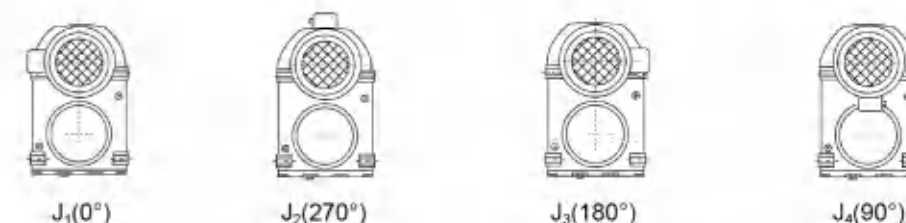
注: 1.本产品正常情况下配备专用直联电机,如用户特别指定防爆、软启动电机、锥形制动或配标准电机或指定电机厂家时,可配法兰轴承箱,但受其长度和电机自重的影响,不能完全按选型表中的参数选择,具体选型请和技术研发中心联系。
2.如需要输入端为轴输入或标准电机直联输入时,请在标准标记的后面加上AD(轴输入)或AM(标准电机直联输入)

Note: 1.All of the motors are special motors except explosion-proof motors, soft start motors and conic rotor brake motors. Please connect with technology research center if you want to use standard motor or designated manufacturers motor.
2.Please add AD (shaft input) or AM (normal motor direct connecting input) behind standard note, if you want the input terminal to be shaft input or normal motor direct connecting input.

5.3 安装形式 Mounting mode



5.4 电机接线盒位置: (从电机尾部看) positions of motor terminal box





5.5 速比范围与最大扭矩 Range of ratio and maximum torque

机型号 Type	03	04	05	06	07	08	09	10	12	15
结构形式 structural style	P/Pk/PF/PFK/PFKB14									
传动比 transmission ratio	3.77~ 128.51	4.99~ 190.76	5.18~ 199.7	3.97~ 228.99	4.28~ 281.71	4.12~ 270.68	4.57~ 276.77	6.22~ 254.4	4.68~ 170.83	11.92~ 267.43
最大转矩 (N·m) maximum torque	200	400	600	820	1500	3000	4300	7840	12000	18000

5.6 润滑油量表 Table of oil level

机型号 Type	润滑油量 (升) oil level(litre)					
	M1	M2	M3	M4	M5	M6
P03	1	1.2	0.7	1.2	1	1.1
P04	1.5	1.8	1.1	1.9	1.5	1.7
P05	2.6	3.7	2.1	3.5	2.8	2.9
P06	2.7	3.8	1.9	3.8	2.9	3.2
P07	5	7.3	4.3	8	6	6.3
P08	10	13.0	7.7	13.8	10.8	11
P09	18.5	22.5	12.6	25.2	18.5	20
P10	24.5	32	19.5	37.5	27	27
P12	40.5	55	34	61	46.5	47
P15	69	104	63	105	86	78

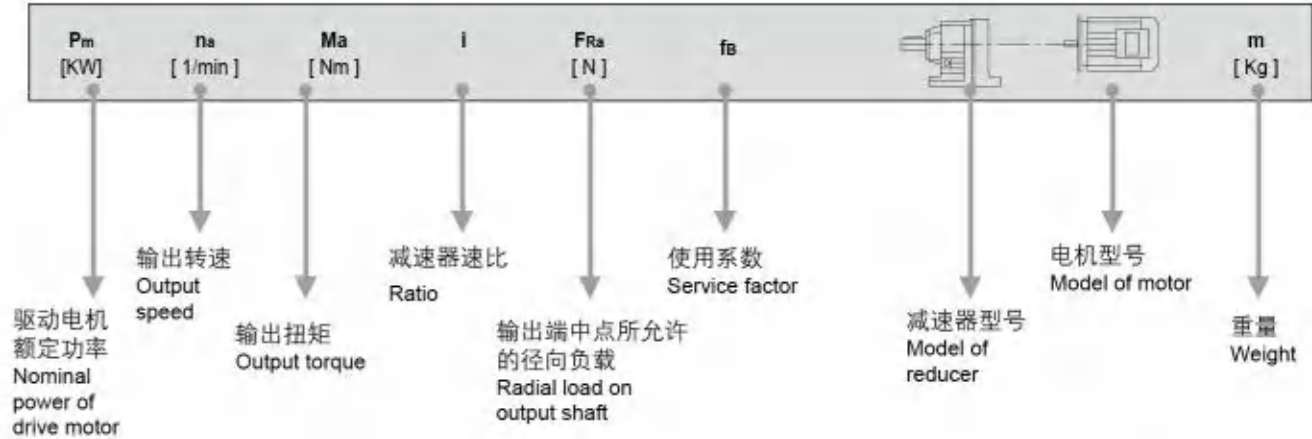
PF..

机型号 Type	润滑油量 (升) oil level(litre)					
	M1	M2	M3	M4	M5	M6
PF03	1	1.2	0.7	1.3	1	1.1
PF04	1.e	1.9	1.1	1.9	1.5	1.7
PF05	2.8	3.8	2.1	3.7	2.9	3
PF06	2.7	3.8	1.9	3.8	2.9	3.2
PF07	5.1	7.3	4.3	8.1	6	6.3
PF08	10.3	13.2	7.8	14.1	11	11.2
PF09	19	22.5	12.6	25.5	18.9	20.5
PF10	25.5	32	19.5	38.5	27.5	28
PF12	41.5	56	34	63	46.5	49
PF15	72	105	64	106	87	79

(表中数值仅为参考值，具体以减速机油位孔位置为准)
The values in the table are only reference values. The specific values are prevailed by the position of the oil level hole of reducer.

5.7 承载能力表 Carrying capacity

承载能力表的结构
Structure of Load-Carrying Capacity Table



注：1.径向负载 F_{Ra} 是指实心轴底脚安装减速机M1安装位置时的径向负荷，RF和PF法兰安装时，许用径向载荷最大为选型表中 F_{Ra} 的50%；
2.当输出轴安装齿轮、链轮、V型带等，应确保计算产生的径向力不大于允许的径向载荷，可与技术研发中心联系。

Note:1.Radial load F_{Ra} is the radial load of foot-mounted with solid axle gear units which is M1 mounting position. The parameter of allowable radial load F_{Ra} should not be more than 50% of the parameter in selection table when it is RF and PF flange-mounted.
2.When the output shaft mounted with gear, chain wheel, v-belt, it must be sure that the calculated radial load is not more than actual radial load. Please connect with technology research centre.



P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _s		m [Kg]
0.12	0.06	15000	22323	84600	0.80		
	0.07	12600	19048	89300	0.95		
	0.08	10800	16656	90000	1.10	PK 12 RF07 Y63M1-4	510
	0.09	9870	14722	90000	1.20	PFK 12 RF07 Y63M1-4	550
	0.11	7980	12912	90000	1.50	P 12 RF07 Y63M1-4	550
	0.12	7090	11656	90000	1.70	PF 12 RF07 Y63M1-4	610
	0.14	6300	10191	90000	1.90		
	0.09	9590	14767	44400	0.80		
	0.12	7610	11348	50000	1.00		
	0.14	5890	10039	54300	1.30		
	0.16	4880	8548	56600	1.55	PK 10 RF07 Y63M1-4	330
	0.18	4740	7674	56900	1.60	PFK 10 RF07 Y63M1-4	350
	0.20	4120	6767	58200	1.85	P 10 RF07 Y63M1-4	345
	0.23	3530	5954	59400	2.2	PF 10 RF07 Y63M1-4	380
	0.26	3070	5223	60300	2.5		
	0.30	2890	4567	60600	2.7		
	0.39	2140	3521	61900	3.6		
	0.19	4800	7328	23100	0.90		
	0.21	4040	6469	30700	1.05	PK 09 RF05 Y63M1-4	220
	0.25	3680	5615	31600	1.15	PFK 09 RF05 Y63M1-4	245
	0.28	3200	4961	32800	1.35	P 09 RF05 Y63M1-4	225
	0.32	2800	4333	33800	1.55	PF 09 RF05 Y63M1-4	265
	0.35	2550	3906	34300	1.70		
	0.41	2210	3352	35000	1.95	PK 09 RF05 Y63M1-4	220
	0.47	1820	2907	35700	2.4	PFK 09 RF05 Y63M1-4	245
	0.54	1670	2553	36000	2.6	P 09 RF05 Y63M1-4	225
						PF 09 RF05 Y63M1-4	265
	0.28	3250	4954	3640	0.90	PK 08 RF05 Y63M1-4	220
	0.33	2690	4245	24100	1.10	PFK 08 RF05 Y63M1-4	245
	0.37	2200	3721	25800	1.35	P 08 RF05 Y63M1-4	225
						PF 08 RF05 Y63M1-4	265
	0.43	2140	3244	26000	1.40		
	0.48	1900	2881	26700	1.60		
	0.54	1700	2576	27300	1.75		
	0.63	1440	2199	28000	2.1	PK 08 RF05 Y63M1-4	140
	0.72	1240	1930	28400	2.4	PFK 08 RF05 Y63M1-4	155
	0.81	1120	1709	28700	2.7	P 08 RF05 Y63M1-4	150
	0.92	980	1493	29000	3.0	PF 08 RF05 Y63M1-4	165
	1.1	785	1300	29400	3.8		
	1.2	710	1148	29500	4.2		
	0.53	1750	2613	13800	0.85	PK 07 RF03 Y63M1-4	78
	0.60	1520	2284	15600	1.00	PFK 07 RF03 Y63M1-4	85
	0.68	1340	2029	16700	1.10	P 07 RF03 Y63M1-4	82
						PF 07 RF03 Y63M1-4	96
	0.80	1130	1728	17800	1.35		
	0.89	1040	1544	18200	1.45		
	1.0	910	1354	18600	1.65	PK 07 RF03 Y63M1-4	78
	1.1	810	1200	19000	1.85	PFK 07 RF03 Y63M1-4	85
	1.3	710	1053	19200	2.1	P 07 RF03 Y63M1-4	82
	1.5	605	910	19500	2.5	PF 07 RF03 Y63M1-4	96
	1.7	510	810	19700	2.9		
	1.9	445	710	19800	3.4		
	0.97	920	1429	9270	0.90		
	1.1	830	1271	10200	1.00		
	1.2	700	1102	11300	1.15		
	1.4	615	970	11800	1.35	PK 06 RF03 Y63M1-4	52
	1.6	540	858	12200	1.50	PFK 06 RF03 Y63M1-4	58
	1.8	475	755	12500	1.75	P 06 RF03 Y63M1-4	55
	2.2	405	641	12800	2.0	PF 06 RF03 Y63M1-4	62
	2.4	375	572	12900	2.2		
	2.7	320	509	13000	2.6		
	3.2	275	437	13000	3.0		

P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _s		m [Kg]
0.12	1.4	655	967	5860	0.90		
	1.6	585	851	9320	1.05		
	1.9	500	738	9920	1.20	PK 05 RF03 Y63M1-4	46
	2.1	435	646	10400	1.40	PFK 05 RF03 Y63M1-4	54
	2.5	370	558	10700	1.60	P 05 RF03 Y63M1-4	46
	2.7	330	506	11000	1.80	PF 05 RF03 Y63M1-4	55
	3.0	285	452	11200	2.1		
	3.2	295	426	11200	2.0		
	3.6	260	382	11300	2.3	PK 05 RF03 Y63M1-4	45
	4.2	225	330	11500	2.7	PFK 05 RF03 Y63M1-4	53
	4.6	200	298	11500	3.0	P 05 RF03 Y63M1-4	46
	5.3	177	262	11500	3.4	PF 05 RF03 Y63M1-4	54
	6.9	166	199.70	11500	3.6		
	7.5	153	183.60	11500	3.9	PK 05 RF03 Y63M1-4	34
	8.8	130	157.09	11500	4.6	PFK 05 RF03 Y63M1-4	41
	10	113	136.16	11500	5.3	P 05 RF03 Y63M1-4	37
						PF 05 RF03 Y63M1-4	42
	7.2	158	190.76	7970	2.5	PK 04 RF03 Y63M1-4	25
	7.9	146	175.38	8020	2.8	PFK 04 RF03 Y63M1-4	28
	9.2	125	150.06	8100	3.2	P 04 RF03 Y63M1-4	26
	11	108	130.07	8150	3.7	PF 04 RF03 Y63M1-4	30
	11	107	128.51	5220	1.85		
	12	98	117.88	5270	2.0		
	14	83	100.36	5340	2.4		
	16	72	86.53	5400	2.8		
	17	67	80.65	5410	3.0		
	20	59	70.50	5440	3.4		
	21	55	66.09	5460	3.6	PK 03 RF03 Y63M1-4	19
	24	48	58.32	5470	4.1	PFK 03 RF03 Y63M1-4	22
	25	45	54.54	5480	4.4	P 03 RF03 Y63M1-4	20
	27	43	51.70	5490	4.7	PF 03 RF03 Y63M1-4	22
	29	39	47.02	5500	5.1		
	31	36	43.83	5500	5.5		
	36	32	38.31	5510	6.3		
	38	30	35.91	5520	6.7		
	44	26	31.69	5520	7.6		
	49	23	28.09	5520	8.6		
	58	20	23.88	5270	10		
	67	17	20.57	5030	12		
	72	16	19.27	4930	13		
	81	14	17.03	4740	14		
	87	13	15.81	4630	15		
	96	12	14.33	4490	17		
	107	11	12.87	4330	19		
	125	9.2	11.08	4130	21	PK 03 RF03 Y63M1-4	19
	132	8.7	10.42	4050	21	PFK 03 RF03 Y63M1-4	22
	154	7.4	8.97	3860	24	P 03 RF03 Y63M1-4	20
	186	6.2	7.44	3630	23	PF 03 RF03 Y63M1-4	22
	205	5.6	6.74	3510	25		
	228	5.0	6.05	3390	27		
	265	4.3	5.21	3230	29		
	282	4.1	4.90	3170	29		
	327	3.5	4.22	3020	31		
0.18	0.10	13500	12912	87500	0.90		
	0.11	12100	11656	90000	1.00		
	0.13	10700	10191	90000	1.10	PK 12 RF07 Y63M2-4	510
	0.15	8980	8831	90000	1.35	PFK 12 RF07 Y63M2-4	550
	0.17	7770	7643	90000	1.55	P 12 RF07 Y63M2-4	545
	0.20	7150	6715	90000	1.70	PF 12 RF07 Y63M2-4	610
	0.15	8560	8548	47400	0.90		
	0.17	8050	7674	48800	0.95		
	0.20	7030	6767	51500	1.10	PK 10 RF07 Y63M2-4	330
	0.22	6090	5954	53800	1.25	PFK 10 RF07 Y63M2-4	355
	0.25	5310	5223	55600	1.45	P 10 RF07 Y63M2-4	350
	0.29	4860	4567	56600	1.60	PF 10 RF07 Y63M2-4	385
	0.37	3660	3521	59100	2.1		
	0.43	3170	3037	60100	2.4	PK 10 RF07 Y63M2-4	330
	0.48	2880	2756	60600	2.7	PFK 10 RF07 Y63M2-4	355
	0.58	2470	2369	61400	3.1	P 10 RF07 Y63M2-4	350
	0.64	2160	2068	61900	3.6	PF 10 RF07 Y63M2-4	385
	0.30	4660	4333	27900	0.90	PK 09 RF05 Y63M2-4	220
						PFK 09 RF05 Y63M2-4	245
						P 09 RF05 Y63M2-4	230
						PF 09 RF05 Y63M2-4	270

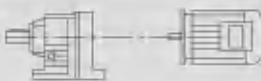


P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{ra} [N]	f _s		m [Kg]
0.18	0.34	4260	3906	30000	1.00		
	0.39	3670	3352	31600	1.15		
	0.45	3100	2907	33100	1.40		
	0.52	2790	2553	33800	1.55		
	0.59	2450	2245	34500	1.75		
	0.67	2130	1970	35200	2.0		
	0.77	1890	1722	35600	2.3		
	0.86	1670	1527	36000	2.6		
	0.99	1380	1327	36500	3.1		
	1.1	1280	1171	36600	3.3		
	0.46	3160	2881	12300	0.95		
	0.51	2820	2576	23600	1.05		
	0.60	2400	2199	25200	1.25		
	0.68	2080	1930	26200	1.45		
	0.77	1860	1709	26800	1.60		
	0.88	1640	1493	27500	1.85		
	1.0	1350	1300	28200	2.2		
	1.1	1210	1148	28500	2.5		
	1.3	1050	1010	28900	2.9		
	1.5	940	887	29100	3.2		
	0.76	1880	1728	7810	0.80		
	0.86	1710	1544	14100	0.90		
	0.98	1500	1354	15700	1.00		
	1.1	1330	1200	16800	1.15		
	1.2	1170	1053	17600	1.30		
	1.5	1000	910	18300	1.50		
	1.6	860	810	18800	1.75		
	1.9	755	710	19100	2.0		
	2.2	670	615	19300	2.2		
	1.5	910	858	9370	0.90		
	1.8	800	755	10400	1.00		
	2.1	685	641	11400	1.20		
	2.3	625	572	11800	1.30		
	2.6	540	509	12200	1.50		
	3.0	470	437	12600	1.75		
	3.4	420	384	12700	1.95		
	2.6	560	500	12100	1.45		
	2.9	510	454	12400	1.60		
	3.4	440	392	12700	1.85		
	4.0	370	333	12900	2.2		
	4.4	325	297	13000	2.5		
	5.1	285	261	13000	2.9		
	5.6	260	238	13000	3.2		
	6.6	215	200	13000	3.8		
	2.4	615	558	9080	1.00		
	2.6	550	506	9560	1.10		
	2.9	485	452	10000	1.25		
	3.4	415	386	10500	1.45		
	3.9	360	338	10800	1.65		
	3.1	485	426	10000	1.25		
	3.5	430	382	10400	1.40		
	4.0	370	330	10700	1.60		
	4.4	335	298	11000	1.80		
	5.0	295	262	11200	2.0		
	5.8	250	226	11400	2.4		
	6.6	215	200	11500	2.8		
	PK	09	RF05	Y63M2-4	220		
	PFK	09	RF05	Y63M2-4	245		
	P	09	RF05	Y63M2-4	230		
	PF	09	RF05	Y63M2-4	270		
	PK	08	RF05	Y63M2-4	140		
	PFK	08	RF05	Y63M2-4	155		
	P	08	RF05	Y63M2-4	150		
	PF	08	RF05	Y63M2-4	170		
	PK	07	RF03	Y63M2-4	78		
	PFK	07	RF03	Y63M2-4	90		
	P	07	RF03	Y63M2-4	83		
	PF	07	RF03	Y63M2-4	96		
	PK	06	RF03	Y63M2-4	52		
	PFK	06	RF03	Y63M2-4	58		
	P	06	RF03	Y63M2-4	55		
	PF	06	RF03	Y63M2-4	62		
	PK	06	RF03	Y63M2-4	52		
	PFK	06	RF03	Y63M2-4	58		
	P	06	RF03	Y63M2-4	55		
	PF	06	RF03	Y63M2-4	62		
	PK	05	RF03	Y63M2-4	46		
	PFK	05	RF03	Y63M2-4	54		
	P	05	RF03	Y63M2-4	46		
	PF	05	RF03	Y63M2-4	55		
	PK	05	RF03	Y63M2-4	45		
	PFK	05	RF03	Y63M2-4	53		
	P	05	RF03	Y63M2-4	46		
	PF	05	RF03	Y63M2-4	54		

P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{ra} [N]	f _s		m [Kg]
0.18	5.8	300	228.99	13000	2.8		
	6.8	255	195.39	13000	3.2		
	7.7	225	170.85	13000	3.7		
	6.6	260	199.70	11300	2.3		
	7.2	240	183.60	11500	2.5		
	8.4	205	157.09	11500	2.9		
	9.7	177	136.16	11500	3.4		
	10	166	127.27	11500	3.6		
	6.9	250	190.76	7470	1.60		
	7.5	230	175.38	7610	1.75		
	8.8	195	150.06	7800	2.0		
	10	169	130.07	7920	2.4		
	11	158	121.57	7970	2.5		
	10	167	128.51	4700	1.20		
	11	154	117.88	4850	1.30		
	13	131	100.36	5050	1.55		
	15	113	86.53	5180	1.75		
	16	105	80.65	5230	1.90		
	19	92	70.50	5300	2.2		
	20	86	66.09	5330	2.3		
	23	76	58.32	5380	2.6		
	24	71	54.54	5400	2.8		
	26	67	51.70	5410	3.0		
	28	61	47.02	5440	3.3		
	30	57	43.83	5450	3.5		
	34	50	38.31	5470	4.0		
	37	47	35.91	5480	4.3		
	42	41	31.69	5490	4.8		
	47	37	28.09	5500	5.5		
	55	31	23.88	5260	6.4		
	64	27	20.57	5030	7.5		
	69	25	19.27	4930	8.0		
	78	22	17.03	4740	9.0		
	83	21	15.81	4640	9.7		
	92	19	14.33	4500	11		
	103	17	12.87	4350	12		
	119	14	11.08	4150	13		
	127	14	10.42	4070	14		
	147	12	8.97	3880	15		
	178	9.7	7.44	3650	15		
	196	8.8	6.74	3540	16		
	218	7.9	6.05	3420	17		
	253	6.8	5.21	3260	18		
	269	6.4	4.90	3190	19		
	313	5.5	4.22	3040	20		
	PK	06		Y63M2-4	38		
	PFK	06		Y63M2-4	45		
	P	06		Y63M2-4	42		
	PF	06		Y63M2-4	49		
	PK	05		Y63M2-4	33		
	PFK	05		Y63M2-4	41		
	P	05		Y63M2-4	33		
	PF	05		Y63M2-4	42		
	PK	04		Y63M2-4	25		
	PFK	04		Y63M2-4	29		
	P	04		Y63M2-4	27		
	PF	04		Y63M2-4	30		
	PK	03		Y63M2-4	19		
	PFK	03		Y63M2-4	21		
	P	03		Y63M2-4	20		
	PF	03		Y63M2-4	21		
	PK	03		Y63M2-4	19		
	PFK	03		Y63M2-4	20		
	P	03		Y63M2-4	19		
	PF	03		Y63M2-4	21		



P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _b		m [Kg]
0.25	0.15	13300	8831	88000	0.90	PK 12 RF07 Y71M1-4 PFK 12 RF07 Y71M1-4 P 12 RF07 Y71M1-4 PF 12 RF07 Y71M1-4	510
	0.17	11500	7643	90000	1.05		560
	0.19	10400	6715	90000	1.15		560
	0.22	9190	5925	90000	1.30		610
	0.25	7860	5153	90000	1.55	PK 10 RF07 Y71M1-4 PFK 10 RF07 Y71M1-4 P 10 RF07 Y71M1-4 PF 10 RF07 Y71M1-4	330
	0.29	6850	4533	90000	1.75		355
	0.22	9000	5954	46200	0.85		350
	0.25	7860	5223	49300	1.00		385
	0.28	7090	4567	51400	1.10	PK 10 RF07 Y71M1-4 PFK 10 RF07 Y71M1-4 P 10 RF07 Y71M1-4 PF 10 RF07 Y71M1-4	330
	0.37	5370	3521	55500	1.45		355
	0.43	4680	3037	57000	1.65		350
	0.47	4240	2756	57900	1.80		385
	0.55	3650	2369	59100	2.1	PK 09 RF05 Y71M1-4 PFK 09 RF05 Y71M1-4 P 09 RF05 Y71M1-4 PF 09 RF05 Y71M1-4	220
	0.63	3180	2068	60000	2.4		245
	0.81	2440	1597	61400	3.2		225
	0.93	2110	1401	62000	3.6		265
	0.45	4530	2907	29200	0.95	PK 08 RF05 Y71M1-4 PFK 08 RF05 Y71M1-4 P 08 RF05 Y71M1-4 PF 08 RF05 Y71M1-4	145
	0.51	4050	2553	30600	1.05		155
	0.58	3560	2245	31900	1.20		150
	0.66	3100	1970	33100	1.40		165
	0.75	2740	1722	33900	1.55	PK 07 RF03 Y71M1-4 PFK 07 RF03 Y71M1-4 P 07 RF03 Y71M1-4 PF 07 RF03 Y71M1-4	80
	0.85	2430	1527	34600	1.75		86
	0.98	2040	1327	35300	2.1		84
	1.1	1860	1171	35600	2.3		96
	1.3	1630	1022	36100	2.6	PK 06 RF03 Y71M1-4 PFK 06 RF03 Y71M1-4 P 06 RF03 Y71M1-4 PF 06 RF03 Y71M1-4	53
	0.67	3040	1930	18200	1.00		60
	0.76	2710	1709	24000	1.10		55
	0.87	2380	1493	25200	1.25		64
	1.0	1990	1300	26500	1.50	PK 06 RF03 Y71M1-4 PFK 06 RF03 Y71M1-4 P 06 RF03 Y71M1-4 PF 06 RF03 Y71M1-4	50
	1.1	1780	1148	27100	1.70		58
	1.3	1550	1010	27700	1.95		54
	1.5	1370	887	28100	2.2		61
	1.7	1200	780	28500	2.5	PK 05 RF03 Y71M1-4 PFK 05 RF03 Y71M1-4 P 05 RF03 Y71M1-4 PF 05 RF03 Y71M1-4	48
	1.9	1020	674	28900	2.9		54
	1.2	1690	1053	14300	0.90		48
	1.4	1450	910	16000	1.05		54
	1.6	1260	810	17100	1.20	PK 05 RF03 Y71M1-4 PFK 05 RF03 Y71M1-4 P 05 RF03 Y71M1-4 PF 05 RF03 Y71M1-4	46
	1.8	1110	710	17900	1.35		54
	2.1	970	615	18400	1.55		46
	2.4	850	538	18800	1.75		55
	2.7	760	480	19100	2.0	PK 05 RF03 Y71M1-4 PFK 05 RF03 Y71M1-4 P 05 RF03 Y71M1-4 PF 05 RF03 Y71M1-4	46
	3.2	645	413	19400	2.3		55
	2.0	1000	641	2370	0.80		46
	2.3	910	572	9440	0.90		54
	2.6	795	509	10500	1.05	PK 05 RF03 Y71M1-4 PFK 05 RF03 Y71M1-4 P 05 RF03 Y71M1-4 PF 05 RF03 Y71M1-4	46
	3.0	685	437	11400	1.20		55
	2.6	810	500	10400	1.00		46
	2.9	740	454	11000	1.10		54
	3.3	635	392	11700	1.30	PK 05 RF03 Y71M1-4 PFK 05 RF03 Y71M1-4 P 05 RF03 Y71M1-4 PF 05 RF03 Y71M1-4	46
	3.9	535	333	12200	1.55		55
	4.4	475	297	12500	1.70		46
	5.0	420	261	12700	1.95		55
	5.5	375	238	12900	2.2	PK 05 RF03 Y71M1-4 PFK 05 RF03 Y71M1-4 P 05 RF03 Y71M1-4 PF 05 RF03 Y71M1-4	46
	3.4	605	386	9170	1.00		54
	3.8	525	338	9740	1.15		46
	5.1	400	255	10600	1.50		55
	3.4	625	382	8710	0.95	PK 05 RF03 Y71M1-4 PFK 05 RF03 Y71M1-4 P 05 RF03 Y71M1-4 PF 05 RF03 Y71M1-4	46
	3.9	535	330	9680	1.10		54
	4.4	485	298	10000	1.25		46
	5.0	425	262	10400	1.40		55
	5.8	360	226	10800	1.65	PK 05 RF03 Y71M1-4 PFK 05 RF03 Y71M1-4 P 05 RF03 Y71M1-4 PF 05 RF03 Y71M1-4	46
	6.5	320	200	11000	1.90		55
	7.7	270	170	11300	2.2	PK 05 RF03 Y71M1-4 PFK 05 RF03 Y71M1-4 P 05 RF03 Y71M1-4 PF 05 RF03 Y71M1-4	46
							55

P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _b				m [Kg]		
0.25	5.7	420	228.99	12700	1.95	PK	06	Y71M1-4	40		
	6.7	360	195.39	13000	2.3	PFK	06	Y71M1-4	46		
	7.6	315	170.85	13000	2.6	P	06	Y71M1-4	43		
	8.0	300	162.31	13000	2.8	PF	06	Y71M1-4	50		
	9.1	260	142.40	13000	3.1						
	6.5	365	199.70	10800	1.65						
	7.1	335	183.60	10900	1.80	PK	05	Y71M1-4	35		
	8.3	290	157.09	11200	2.1	PFK	05	Y71M1-4	41		
	9.6	250	136.16	11400	2.4	P	05	Y71M1-4	35		
	10	235	127.27	11500	2.6	PF	05	Y71M1-4	42		
	12	200	110.01	11500	3.0						
	6.8	350	190.76	6550	1.15						
	7.4	320	175.38	6850	1.25						
	8.7	275	150.06	7270	1.45	PK	04	Y71M1-4	26		
	10	240	130.07	7540	1.65	PFK	04	Y71M1-4	28		
	11	225	121.57	7640	1.80	P	04	Y71M1-4	26		
	12	193	105.09	7810	2.1	PF	04	Y71M1-4	29		
	15	164	89.29	7950	2.4						
	10	235	128.51	3690	0.85						
	11	215	117.88	4040	0.90						
	13	184	100.36	4500	1.10						
	15	159	86.53	4790	1.25						
	16	148	80.65	4900	1.35						
	18	130	70.50	5060	1.55						
	20	121	66.09	5120	1.65	PK	03	Y71M1-4	20		
	22	107	58.32	5210	1.85	PFK	03	Y71M1-4	21		
	24	100	54.54	5260	2.0	P	03	Y71M1-4	20		
	25	95	51.70	5280	2.1	PF	03	Y71M1-4	22		
	28	86	47.02	5330	2.3						
	30	81	43.83	5360	2.5						
	34	70	38.31	5400	2.8						
	36	66	35.91	5420	3.0						
	41	58	31.69	5450	3.4						
	46	52	28.09	5430	3.9						
	54	44	23.88	5180	4.6						
	63	38	20.57	4960	5.3						
	67	35	19.27	4870	5.7						
	76	31	17.03	4690	6.4						
	82	29	15.81	4590	6.9						
	91	26	14.33	4460	7.6						
	101	24	12.87	4320	8.5	PK	03	Y71M1-4	20		
	117	20	11.08	4120	9.3	PFK	03	Y71M1-4	21		
	125	19	10.42	4050	9.7	P	03	Y71M1-4	20		
	145	17	8.97	3960	11	PF	03	Y71M1-4	22		
	175	14	7.44	3630	11						
	193	12	6.74	3520	11						
	215	11	6.05	3410	12						
	249	9.6	5.21	3250	13						
	265	9.0	4.90	3190	13						
	308	7.7	4.22	3040	14						
	0.37	0.21	14900	6715	84800	0.80					
		0.23	13100	5925	88300	0.90	PK	12	RF07	Y71M2-4	510
		0.27	11300	5153	90000	1.05	PFK	12	RF07	Y71M2-4	550
		0.30	9850	4533	90000	1.20	P	12	RF07	Y71M2-4	550
		0.35	8590	3926	90000	1.40	PF	12	RF07	Y71M2-4	610
		0.40	7510	3454	90000	1.60					
		0.46	6570	3031	90000	1.85					
		0.45	6720	3037	52300	1.15					
		0.50	6090	2756	53800	1.25	PK	10	RF07	Y71M2-4	330
		0.58	5240	2369	55800	1.45	PFK	10	RF07	Y71M2-4	350
		0.67	4570	2068	57200	1.70	P	10	RF07	Y71M2-4	345
		0.86	3510	1597	59400	2.2	PF	10	RF07	Y71M2-4	385

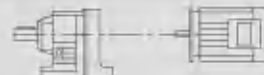


P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{ra} [N]	f _b		m [Kg]
0.37	0.61	5070	2245	5160	0.85		
	0.70	4430	1970	29500	0.95		
	0.80	3900	1722	31000	1.10	PK 09 RF05 Y71M2-4	145
	0.90	3460	1527	32200	1.25	PFK 09 RF05 Y71M2-4	155
	1.0	2930	1327	33500	1.45	P 09 RF05 Y71M2-4	150
	1.2	2650	1171	34100	1.60	PF 09 RF05 Y71M2-4	165
	1.4	2310	1022	34800	1.85		
	1.5	1960	898	35500	2.2		
	1.1	2870	1300	23400	1.05		
	1.2	2550	1148	24600	1.20		
	1.4	2230	1010	25700	1.35	PK 08 RF05 Y71M2-4	145
	1.6	1970	887	26500	1.50	PFK 08 RF05 Y71M2-4	155
	1.8	1720	780	27200	1.75	P 08 RF05 Y71M2-4	150
	2.0	1470	674	27900	2.0	PF 08 RF05 Y71M2-4	165
	2.3	1340	609	28200	2.2		
	2.7	1130	515	28700	2.7		
	3.0	1000	452	29000	3.0		
	1.7	1810	810	13300	0.85		
	1.9	1590	710	15100	0.95		
	2.2	1390	615	16400	1.10	PK 07 RF03 Y71M1-4	80
	2.6	1210	538	17400	1.25	PFK 07 RF03 Y71M1-4	88
	2.9	1080	480	18000	1.40	P 07 RF03 Y71M1-4	85
	3.3	920	413	18600	1.65	PF 07 RF03 Y71M1-4	95
	3.8	830	367	18900	1.80		
	4.3	730	323	19200	2.0		
	3.2	980	437	5750	0.85		
	3.6	870	384	9880	0.95	PK 06 RF03 Y71M1-4	54
	4.1	770	338	10800	1.05	PFK 06 RF03 Y71M1-4	61
	4.5	685	305	11400	1.20	P 06 RF03 Y71M1-4	56
	5.4	575	257	12000	1.40	PF 06 RF03 Y71M1-4	63
	6.0	510	231	12400	1.60		
	5.4	570	255	9420	1.05	PK 05 RF03 Y71M1-4	49
	6.9	445	201	10300	1.35	PFK 05 RF03 Y71M1-4	54
	7.6	405	181	10500	1.50	P 05 RF03 Y71M1-4	49
						PF 05 RF03 Y71M1-4	55
	5.3	605	262	9170	1.00		
	6.1	515	226	9810	1.15	PK 05 RF03 Y71M1-4	48
	6.9	455	200	10200	1.30	PFK 05 RF03 Y71M1-4	54
	8.1	385	170	10700	1.55	P 05 RF03 Y71M1-4	48
	9.1	345	152	10900	1.75	PF 05 RF03 Y71M1-4	55
	10	300	134	11100	2.0		
	4.9	720	281.71	19200	2.1	PK 07 Y71M1-4	68
	5.2	675	262.93	19300	2.2	PFK 07 Y71M1-4	76
	6.1	580	225.79	19500	2.6	P 07 Y71M1-4	73
	7.0	510	198.31	19700	3.0	PF 07 Y71M1-4	86
	6.0	585	228.99	12000	1.40		
	7.1	500	195.39	12400	1.65	PK 06 Y71M1-4	41
	8.1	435	170.85	12700	1.85	PFK 06 Y71M1-4	49
	8.5	415	162.31	12800	1.95	P 06 Y71M1-4	44
	9.7	365	142.40	12900	2.2	PF 06 Y71M1-4	52
	11	310	120.79	13000	2.7		

P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{ra} [N]	f _b		m [Kg]
0.37	6.9	510	199.70	9850	1.15		
	7.5	470	183.60	10100	1.30		
	8.8	400	157.09	10600	1.50	PK 05 Y71M2-4	36
	10	350	136.16	10900	1.70	PFK 05 Y71M2-4	42
	11	325	127.27	11000	1.85	P 05 Y71M2-4	37
	13	280	110.01	11200	2.1	PF 05 Y71M2-4	43
	15	240	93.47	11500	2.5		
	17	215	83.46	11500	2.8		
	9.2	385	150.06	6140	1.05		
	11	335	130.07	6740	1.20	PK 04 Y71M2-4	26
	13	270	105.09	7320	1.50	PFK 04 Y71M2-4	29
	15	230	89.29	7600	1.75	P 04 Y71M2-4	27
	17	205	79.72	7750	1.95	PF 04 Y71M2-4	30
	20	174	68.09	7900	2.3		
	21	167	65.36	7930	2.4		
	16	220	86.53	3960	0.90		
	17	205	80.65	4200	0.95		
	20	181	70.50	4550	1.10		
	21	169	66.09	4680	1.20		
	24	149	58.32	4890	1.35		
	25	140	54.54	4970	1.45	PK 03 Y71M2-4	22
	27	132	51.70	5030	1.50	PFK 03 Y71M2-4	23
	29	120	47.02	5120	1.65	P 03 Y71M2-4	22
	31	112	43.83	5180	1.80	PF 03 Y71M2-4	24
	36	98	38.31	5270	2.0		
	38	92	35.91	5300	2.2		
	44	81	31.69	5300	2.5		
	49	72	28.09	5140	2.8		
	58	61	23.88	4930	3.3		
	67	53	20.57	4740	3.8		
	72	49	19.27	4650	4.1		
	81	44	17.03	4500	4.6		
	87	41	15.81	4400	4.9		
	96	37	14.33	4280	5.4		
	107	33	12.87	4150	6.1	PK 03 Y71M2-4	20
	125	28	11.08	3970	6.7	PFK 03 Y71M2-4	23
	132	27	10.42	3900	6.9	P 03 Y71M2-4	21
	154	23	8.97	3730	7.6	PF 03 Y71M2-4	24
	186	19	7.44	3510	7.6		
	205	17	6.74	3410	8.1		
	228	16	6.05	3300	8.7		
	265	13	5.21	3150	9.4		
	282	13	4.90	3090	9.6		
	327	11	4.22	2950	10		
0.55	0.22	20500	6295	92000	0.90	PK 15 RF09 Y80M1-4	925
	0.25	17400	5404	102100	1.05	PFK 15 RF09 Y80M1-4	985
	0.49	8930	2780	118700	2.0	P 15 RF09 Y80M1-4	950
						PF 15 RF09 Y80M1-4	1070
	0.56	7760	2427	120000	2.3	PK 15 RF09 Y80M1-4	910
	0.81	5520	1674	120000	3.3	PFK 15 RF09 Y80M1-4	985
	1.0	4220	1308	120000	4.3	P 15 RF09 Y80M1-4	935
	1.2	3730	1169	120000	4.8	PF 15 RF09 Y80M1-4	1070
	0.35	13300	3926	88000	0.90	PK 12 RF07 Y80M1-4	520
	0.39	11600	3454	90000	1.05	PFK 12 RF07 Y80M1-4	560
	0.45	10200	3031	90000	1.20	P 12 RF07 Y80M1-4	560
						PF 12 RF07 Y80M1-4	610
	0.57	8100	2369	48700	0.95		
	0.66	7070	2068	51400	1.10		
	0.74	6110	1826	53800	1.25		
	0.85	5440	1597	55300	1.40	PK 10 RF07 Y80M1-4	330
	0.97	4750	1401	56900	1.60	PFK 10 RF07 Y80M1-4	360
	1.1	4160	1243	58100	1.85	P 10 RF07 Y80M1-4	355
	1.2	3700	1087	59000	2.1	PF 10 RF07 Y80M1-4	385
	1.4	3180	950	60000	2.4		
	1.6	2770	834	60800	2.8		
	2.1	2150	640	61900	3.6		



Pm [KW]	na [1/min]	Ma [Nm]	i	Fra [N]	fs		m [Kg]
0.55	1.0	4530	1327	29200	0.95		
	1.2	4060	1171	30600	1.05		
	1.3	3550	1022	32000	1.20		
	1.5	3050	898	33200	1.40		
	1.7	2690	784	34000	1.60		
	2.0	2340	690	34700	1.85		
	2.2	2060	605	35300	2.1		
	2.6	1790	529	35800	2.4		
	2.9	1580	467	36100	2.7		
	3.4	1360	406	36500	3.2		
	3.7	1220	363	36700	3.5		
	1.5	3040	887	18200	1.00		
	1.7	2660	780	24200	1.15		
	2.0	2290	674	25500	1.30		
	2.2	2080	609	26200	1.45		
	2.6	1750	515	27100	1.70		
	3.0	1540	452	27700	1.95		
	3.9	1160	345	28600	2.6		
	2.5	1860	538	9980	0.80		
	2.8	1660	480	14600	0.90		
	3.3	1420	413	16200	1.05		
	3.7	1270	367	17100	1.20		
	4.2	1120	323	17800	1.35		
	5.3	890	257	9660	0.90		
	5.9	790	231	10600	1.05		
	6.6	705	205	11200	1.15		
	7.8	600	175	11900	1.35		
	2.5	2140	276.77	35100	2.0		
	2.7	1960	253.41	35500	2.2		
	3.0	1730	223.88	35900	2.5		
	2.5	2090	270.68	26200	1.45		
	2.7	1970	255.37	26500	1.50		
	3.0	1770	228.93	27100	1.70		
	3.5	1520	197.20	27800	1.95		
	3.3	1580	270.68	27600	1.90		
	3.5	1490	255.37	27800	2.0		
	3.9	1340	228.93	28200	2.2		
	4.6	1150	197.20	28700	2.6		
	5.0	1050	179.97	28900	2.9		
	4.0	1320	225.79	16800	1.15		
	4.5	1160	198.31	17600	1.30		
	4.8	1100	188.40	17900	1.35		
	5.4	970	166.47	18400	1.55		
	6.3	830	142.27	18900	1.80		
	6.9	760	130.42	19100	1.95		
	6.0	870	225.79	18800	1.70		
	6.9	765	198.31	19100	1.95		
	7.2	730	188.40	19200	2.1		
	8.2	645	166.47	19400	2.3		
	9.6	550	142.27	19600	2.7		
	10	505	130.42	19700	3.0		
	12	440	114.45	19800	3.4		
	13	420	108.46	19800	3.6		
	14	365	94.93	19900	4.1		
	7.0	755	195.39	10900	1.10		
	8.0	660	170.85	11500	1.25		
	8.4	625	162.31	11700	1.30		
	9.6	550	142.40	12200	1.50		
	11	465	120.79	12600	1.75		
	12	420	109.04	12700	1.95		
	14	370	95.94	12900	2.2		
	15	350	90.59	13000	2.3		
	17	310	79.76	13000	2.7		

Pm [KW]	na [1/min]	Ma [Nm]	i	Fra [N]	fs		m [Kg]
0.55	8.7	605	157.09	9150	1.00		
	10	525	136.16	9750	1.15		
	11	490	127.27	9980	1.20		
	12	425	110.01	10400	1.40		
	15	360	93.47	10800	1.65		
	16	320	83.46	11000	1.85		
	19	280	72.98	11200	2.1		
	20	265	68.22	11300	2.3		
	23	230	58.97	11500	2.6		
	13	405	105.09	5840	1.00		
	15	345	89.29	6620	1.15		
	17	310	79.72	6990	1.30		
	20	265	68.09	7370	1.50		
	21	250	65.36	7440	1.60		
	24	220	56.49	7670	1.85		
	28	185	48.00	7850	2.2		
	32	166	42.86	7940	2.4		
	23	225	58.32	3890	0.90		
	25	210	54.54	4140	0.95		
	26	200	51.70	4300	1.00		
	29	182	47.02	4540	1.10		
	31	169	43.83	4680	1.20		
	36	148	38.31	4900	1.35		
	38	139	35.91	4980	1.45		
	43	122	31.69	4990	1.65		
	48	109	28.09	4870	1.85		
	57	92	23.88	4700	2.2		
	66	79	20.57	4540	2.5		
	71	74	19.27	4470	2.7		
	80	66	17.03	4340	3.0		
	95	55	14.33	4150	3.6		
	106	50	12.87	4030	4.0		
	123	43	11.08	3870	4.4		
	130	40	10.42	3810	4.6		
	152	35	8.97	3650	5.1		
	170	31	8.01	3540	5.5		
	183	29	7.44	3440	5.1		
	202	26	6.74	3340	5.4		
	225	23	6.05	3240	5.8		
	261	20	5.21	3100	6.2		
	277	19	4.90	3050	6.3		
	322	16	4.22	2920	6.8		
	361	15	3.77	2820	7.2		
0.75	0.50	12300	2780	113600	1.45		
	0.57	10700	2427	116200	1.70		
	0.82	7580	1674	120000	2.4		
	1.1	5830	1308	120000	3.1		
	1.2	5170	1169	120000	3.5		
	0.46	13800	3031	86900	0.85		
	0.52	12400	2672	89600	0.95		
	0.59	10900	2357	90000	1.10		
	0.68	9390	2038	90000	1.30		
	0.77	8190	1784	90000	1.45		
	0.86	7350	1606	90000	1.65		
	15	15	RF09	Y80M2-4	925		
	15	RF09	Y80M2-4	1000			
	15	RF09	Y80M2-4	950			
	15	RF09	Y80M2-4	1060			
	15	RF09	Y80M2-4	915			
	15	RF09	Y80M2-4	900			
	15	RF09	Y80M2-4	940			
	15	RF09	Y80M2-4	1060			
	12	RF07	Y80M2-4	515			
	12	RF07	Y80M2-4	565			
	12	RF07	Y80M2-4	560			
	12	RF07	Y80M2-4	610			
	12	RF07	Y80M2-4	515			
	12	RF07	Y80M2-4	560			
	12	RF07	Y80M2-4	560			
	12	RF07	Y80M2-4	610			



P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _b		m [Kg]
0.75	0.76	8360	1826	48000	0.90	PK 10 RF07 Y80M2-4 PFK 10 RF07 Y80M2-4 P 10 RF07 Y80M2-4 PF 10 RF07 Y80M2-4	335
	0.86	7400	1597	50500	1.05		360
	0.98	6470	1401	52900	1.20		355
	1.1	5690	1243	54800	1.35		390
	1.3	5040	1087	56200	1.50		
	1.5	4350	950	57700	1.75		
	1.7	3800	834	58800	2.0		
	2.2	2940	640	60500	2.6		
	3.2	2000	436	62200	3.8		
	1.4	4810	1022	22800	0.90	PK 09 RF05 Y80M2-4 PFK 09 RF05 Y80M2-4 P 09 RF05 Y80M2-4 PF 09 RF05 Y80M2-4	230
	1.5	4150	898	30300	1.05		250
	1.8	3660	784	31700	1.20		235
	2.0	3190	690	32900	1.35		270
	2.3	2800	605	33800	1.55		
	2.6	2440	529	34500	1.75		
	3.0	2160	467	35100	2.0		
	3.4	1860	406	35600	2.3		
	3.8	1670	363	36000	2.6		
	2.0	3120	674	14700	0.95	PK 08 RF05 Y80M2-4 PFK 08 RF05 Y80M2-4 P 08 RF05 Y80M2-4 PF 08 RF05 Y80M2-4	145
	2.3	2830	609	23600	1.05		160
	2.7	2390	515	25200	1.25		155
	3.0	2100	452	26100	1.45		175
	4.0	1590	345	27600	1.90		
	3.8	1720	367	14100	0.85	PK 07 RF03 Y80M2-4 PFK 07 RF03 Y80M2-4 P 07 RF03 Y80M2-4 PF 07 RF03 Y80M2-4	84
	4.3	1520	323	15600	1.00		92
	4.9	1310	280	16900	1.15		88
							100
	2.7	2640	254.40	1100	2.9		305
							325
							320
							360
	2.5	2870	276.77	33600	1.5		215
	2.7	2630	253.41	34100	1.65		240
	3.1	2320	223.88	34800	1.85		220
							260
	3.2	2200	276.77	35000	1.95	PK 09 Y90S-6 PFK 09 Y90S-6 P 09 Y90S-6 PF 09 Y90S-6	205
	3.5	2020	253.41	35400	2.1		290
	4.0	1780	223.88	35800	2.4		210
							250
	3.3	2150	270.68	26000	1.40	PK 08 Y90S-6 PFK 08 Y90S-6 P 08 Y90S-6 PF 08 Y90S-6	125
	3.5	2030	255.37	26300	1.50		145
	3.9	1820	228.93	27000	1.65		130
	4.6	1570	197.20	27600	1.90		150
	5.0	1430	179.97	28000	2.1		
	5.6	1270	159.61	28400	2.4		
	5.1	1400	270.68	28100	2.1	PK 08 Y80M2-4 PFK 08 Y80M2-4 P 08 Y80M2-4 PF 08 Y80M2-4	120
	5.4	1330	255.37	28200	2.3		140
	6.0	1190	228.93	28600	2.5		125
							145
	4.5	1580	198.31	15200	0.95	PK 07 Y90S-6 PFK 07 Y90S-6 P 07 Y90S-6 PF 07 Y90S-6	80
	4.8	1500	188.40	15700	1.00		88
	5.4	1320	166.47	16800	1.15		85
	6.3	1130	142.27	17800	1.30		97
	6.9	1040	130.42	18200	1.45		
	6.1	1170	225.79	17600	1.30	PK 07 Y80M2-4 PFK 07 Y80M2-4 P 07 Y80M2-4 PF 07 Y80M2-4	73
	7.0	1030	198.31	18200	1.45		80
	7.3	980	188.40	18400	1.55		77
							92
	8.3	860	166.47	18800	1.75	PK 07 Y80M2-4 PFK 07 Y80M2-4 P 07 Y80M2-4 PF 07 Y80M2-4	73
	9.7	740	142.47	19200	2.0		82
	11	675	130.42	19300	2.2		78
	12	595	114.45	19500	2.5		92
	13	565	108.46	19600	2.7		

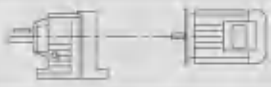
P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _b		m [Kg]
0.75	8.1	890	170.85	9670	0.90	PK 06 Y80M2-4 PFK 06 Y80M2-4 P 06 Y80M2-4 PF 06 Y80M2-4	45
	8.5	840	162.31	10100	0.95		53
	9.7	740	142.40	11000	1.10		48
	11	625	120.79	11700	1.30		55
	13	565	109.04	12100	1.45	PK 06 Y80M2-4 PFK 06 Y80M2-4 P 06 Y80M2-4 PF 06 Y80M2-4	45
	14	500	95.94	12400	1.65		53
	15	470	90.59	12500	1.75		48
	17	415	79.76	12800	2.0		55
	20	350	67.65	13000	2.3		
	23	315	61.07	13000	2.6		
	11	660	127.27	5290	0.90	PK 05 Y80M2-4 PFK 05 Y80M2-4 P 05 Y80M2-4 PF 05 Y80M2-4	40
	13	570	110.01	9420	1.05		46
	15	485	93.47	10000	1.25		41
	17	435	83.46	10400	1.40		47
	19	380	72.98	10700	1.60		
	20	355	68.22	10800	1.70		
	23	305	58.97	11100	1.95		
	28	260	50.10	11300	2.3		
	31	230	44.73	11400	2.6		
	17	415	79.72	5060	0.95	PK 04 Y80M2-4 PFK 04 Y80M2-4 P 04 Y80M2-4 PF 04 Y80M2-4	30
	20	355	68.09	6520	1.15		33
	21	340	65.36	6680	1.20		31
							34
	24	295	56.49	7120	1.35	PK 04 Y80M2-4 PFK 04 Y80M2-4 P 04 Y80M2-4 PF 04 Y80M2-4	30
	29	250	48.00	7470	1.60		33
	32	220	42.86	7640	1.80		31
	38	190	36.61	7820	2.1		34
	40	178	34.29	7850	2.2		
	48	150	28.88	7540	2.7		
	29	245	47.02	3530	0.80	PK 03 Y80M2-4 PFK 03 Y80M2-4 P 03 Y80M2-4 PF 03 Y80M2-4	25
	31	230	43.83	3850	0.90		26
	36	199	38.31	4310	1.00		21
	38	186	35.91	4480	1.05		27
	44	165	31.69	4620	1.20		
	49	146	28.09	4540	1.35		
	58	124	23.88	4410	1.60		
	67	107	20.57	4290	1.85	PK 03 Y80M2-4 PFK 03 Y80M2-4 P 03 Y80M2-4 PF 03 Y80M2-4	24
	72	100	19.27	4240	2.0		26
	81	88	17.03	4130	2.3		25
	96	74	14.33	3970	2.7		27
	107	67	12.87	3870	3.0		
	125	58	11.08	3730	3.3		
	132	54	10.42	3680	3.4		
	154	47	8.97	3540	3.8		
	205	35	6.74	3250	4.0		
	228	31	6.05	3150	4.3	PK 15 RF09 Y90S-4 PFK 15 RF09 Y90S-4 P 15 RF09 Y90S-4 PF 15 RF09 Y90S-4	925
	265	27	5.21	3030	4.6		1000
	282	25	4.90	2970	4.7		950
	327	22	4.22	2850	5.0		1080
	366	20	3.77	2760	5.4		
1.1	0.50	18200	2780	99800	1.00	PK 15 RF09 Y90S-4 PFK 15 RF09 Y90S-4 P 15 RF09 Y90S-4 PF 15 RF09 Y90S-4	925
	0.58	16000	2427	105800	1.15		1000
	0.64	14300	2185	109700	1.25		950
	0.72	12700	1944	112900	1.40		1080
	0.84	11200	1674	115500	1.60		
	1.1	8640	1308	119000	2.1		
	1.2	7680	1169	120000	2.3		
	1.5	6190	953	120000	2.9		
	1.7	5450	845	120000	3.3		
	3.1	2880	446	120000	6.2		
	4.6	1950	302	120000	9.2		



P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _s		m [Kg]
1.1	0.69	13800	2038	87000	0.85		
	0.79	12000	1784	90000	1.00		
	0.87	10800	1606	90000	1.10		
	1.0	9350	1390	90000	1.30		
	1.1	8170	1220	90000	1.45		
	1.3	7260	1077	90000	1.65		
	1.1	8360	1243	48000	0.90		
	1.3	7370	1087	50600	1.05		
	1.5	6390	950	53100	1.20		
	1.7	5590	834	55000	1.35		
	1.9	4910	736	56500	1.55		
2.0	2.2	4310	640	57800	1.80		
	2.0	4670	690	27800	0.90		
	2.3	4100	605	30500	1.05		
	2.7	3580	529	31900	1.20		
	3.0	3160	467	32900	1.35		
	3.5	2730	406	33900	1.55		
	3.8	2450	363	34500	1.75		
	3.1	3070	452	16900	1.00		
	4.1	2330	345	25400	1.30		
	4.7	2020	300	26400	1.50		
	5.6	1670	249	27400	1.80		
2.7	3.2	3330	215.37	59800	2.3		
	3.4	3080	199.31	60200	2.5		
	3.8	2760	178.64	60800	2.8		
	3.3	3160	276.77	32900	1.35		
	3.6	2890	253.41	33600	1.50		
	4.1	2560	223.88	34300	1.70		
	4.8	2170	189.92	35100	2.0		
	5.3	2000	174.87	35400	2.2		
	5.1	2080	276.77	35200	2.1		
	5.5	1900	253.41	35600	2.3		
	6.2	1680	223.88	36000	2.6		
3.4	3.6	2920	255.37	22700	1.05		
	4.0	2610	228.93	24400	1.15		
	4.7	2250	197.20	25700	1.35		
	5.1	2050	179.97	26300	1.45		
	5.8	1820	159.61	27000	1.65		
	5.2	2030	270.68	26300	1.50		
	5.5	1920	255.37	26700	1.55		
	6.1	1720	228.93	27200	1.75		
	7.1	1480	197.20	27900	2.0		
	7.8	1350	179.97	28200	2.2		
	8.8	1200	159.61	28500	2.5		
7.1	10	1010	134.16	29000	3.0		
	11	930	123.29	29100	3.2		
	7.1	1490	198.31	15800	1.00		
	7.4	1410	188.40	16300	1.05		
	8.4	1250	166.47	17200	1.20		
	9.8	1070	142.27	18000	1.40		
	11	980	130.42	18400	1.55		
	12	860	114.45	18800	1.75		
	13	810	108.46	18900	1.85		
	15	710	94.93	19200	2.1		
	16	640	85.52	19400	2.3		
	19	565	75.02	19600	2.7		

P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _s		m [Kg]
1.1	12	910	120.79	9460	0.90		
	13	820	109.04	10300	1.00		
	15	720	95.94	11100	1.15		
	15	680	90.59	11400	1.20		
	18	600	79.76	11900	1.35		
	21	510	67.65	12400	1.60		
	23	460	61.07	12600	1.80		
	26	405	53.73	12800	2.0		
	28	380	50.74	12900	2.2		
	32	325	43.20	13000	2.5		
	36	295	39.26	13000	2.7		
1.1	41	255	34.01	13000	2.9		
	17	625	83.46	8470	0.95		
	19	550	72.98	9590	1.10		
	21	510	68.22	9840	1.15		
	24	440	58.97	10300	1.35		
	28	375	50.10	10700	1.60		
	31	335	44.73	10700	1.80		
	37	285	38.21	10400	2.1		
	39	270	35.79	10200	2.2		
	46	225	30.15	9810	2.6		
	25	425	56.49	3730	0.95		
1.1	29	360	48.00	6440	1.10		
	33	320	42.86	6860	1.25		
	38	275	36.61	7280	1.45		
	41	255	34.29	7260	1.55		
	48	215	28.88	7040	1.85		
	45	230	30.86	7130	1.75		
	48	220	29.32	7060	1.80		
	54	193	25.72	6880	2.1		
	64	164	21.82	6640	2.4		
	71	148	19.70	6490	2.7		
	44	240	31.69	3660	0.85		
1.1	50	210	28.09	3970	0.95		
	59	179	23.88	3930	1.10		
	68	154	20.57	3870	1.30		
	73	145	19.27	3840	1.40		
	82	128	17.03	3780	1.55		
	98	108	14.33	3680	1.85		
	109	97	12.87	3610	2.1		
	126	83	11.08	3500	2.3		
	134	78	10.42	3460	2.4		
	156	67	8.97	3350	2.6		
	175	60	8.01	3260	2.8		
1.1	208	51	6.74	3090	2.8		
	231	45	6.05	3010	3.0		
	269	39	5.21	2900	3.2		
	286	37	4.90	2860	3.3		
	332	32	4.22	2750	3.5		
	372	28	3.77	2670	3.7		
1.5	0.58	21900	2427	86400	0.80		
	0.65	19700	2185	95000	0.90		
	0.73	17500	1944	101700	1.05		
	0.84	15300	1674	107400	1.20		
	1.1	11900	1308	114400	1.50		
	1.2	10600	1169	116400	1.70		
	1.5	8540	953	119100	2.1		
	1.7	7530	845	120000	2.4		
	3.2	3980	446	120000	4.5		
	4.7	2690	302	120000	6.7		
	PK	15	RF09	Y90L-4	925		
1.5	0.73	17500	1944	101700	1.05		
	0.84	15300	1674	107400	1.20		
	1.1	11900	1308	114400	1.50		
	1.2	10600	1169	116400	1.70		
	1.5	8540	953	119100	2.1		
	1.7	7530	845	120000	2.4		
	3.2	3980	446	120000	4.5		
	4.7	2690	302	120000	6.7		
	PK	15	RF09	Y90L-4	925		
	PK	15	RF09	Y90L-4	1000		
	PK	15	RF09	Y90L-4	948		
	PK	15	RF09	Y90L-4	1080		



P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _b					m [Kg]
1.5	0.88	14800	1606	85000	0.80					
	1.0	12800	1390	89000	0.95					
	1.2	11200	1220	90000	1.05	PK	12	RF07	Y90L-4	520
	1.3	9910	1077	90000	1.20	PFK	12	RF07	Y90L-4	570
	1.5	8520	930	90000	1.40	P	12	RF07	Y90L-4	565
	1.7	7500	820	90000	1.60	PF	12	RF07	Y90L-4	625
	1.9	6630	727	90000	1.80					
	2.2	5960	648	90000	2.0					
	1.5	8730	950	46900	0.90					
	1.7	7640	834	49900	1.00					
	1.9	6730	736	52300	1.15	PK	10	RF07	Y90L-4	340
	2.2	5890	640	54300	1.30	PFK	10	RF07	Y90L-4	365
	2.5	5110	560	56100	1.50	P	10	RF07	Y90L-4	360
	2.9	4460	489	57500	1.70	PF	10	RF07	Y90L-4	400
	3.2	4010	436	58400	1.90					
	3.8	3400	370	59600	2.3					
2.7	4.880	529	19800	0.90	PK	09	RF05	Y90L-4	235	
	3.0	4310	467	29900	1.00	PFK	09	RF05	Y90L-4	260
	3.5	3730	406	31500	1.15	P	09	RF05	Y90L-4	240
	3.9	3340	363	32500	1.30	PF	09	RF05	Y90L-4	280
	4.1	3180	345	11100	0.95	PK	08	RF05	Y90L-4	155
	4.7	2760	300	23900	1.10	PFK	08	RF05	Y90L-4	170
	5.7	2290	249	25500	1.30	P	08	RF05	Y90L-4	160
						PF	08	RF05	Y90L-4	180
	2.8	5210	254.40	55900	1.50	PK	10		Y112M-8	320
	3.2	4410	215.37	57600	1.75	PFK	10		Y112M-8	340
	3.5	4080	199.31	58300	1.90	P	10		Y112M-8	335
	3.9	3660	178.64	59100	2.1	PF	10		Y112M-8	365
	3.6	3960	254.40	58500	1.95	PK	10		Y100L1-6	305
	4.3	3350	215.37	59700	2.3	PFK	10		Y100L1-6	330
	4.6	3100	199.31	60200	2.5	P	10		Y100L1-6	325
	5.2	2780	178.64	60800	2.8	PF	10		Y100L1-6	360
3.3	4.310	276.77	29900	1.00	PK	09		Y100L1-6	215	
	3.6	3950	253.41	30900	1.10	PFK	09		Y100L1-6	240
	4.1	3490	223.88	32100	1.25	P	09		Y100L1-6	220
	4.8	2960	189.92	33400	1.45	PF	09		Y100L1-6	260
	5.3	2720	174.87	33900	1.60					
	5.1	2810	276.77	33700	1.55	PK	09		Y90L-4	205
	5.6	2570	253.41	34300	1.65	PFK	09		Y90L-4	230
	6.3	2270	223.88	34900	1.90	P	09		Y90L-4	210
	7.4	1930	189.92	35500	2.2	PF	09		Y90L-4	250
	8.1	1780	174.87	35800	2.4					
	5.2	2750	270.68	23900	1.10	PK	08		Y90L-4	125
	5.5	2590	255.37	24500	1.15	PFK	08		Y90L-4	145
	6.2	2330	228.93	25400	1.30	P	08		Y90L-4	130
	7.2	2000	197.20	26400	1.50	PF	08		Y90L-4	150
	7.8	1830	179.97	26900	1.65					
8.8	1620	159.61	27500	1.85	PK	08		Y90L-4	125	
	11	1360	134.16	28200	2.2	PFK	08		Y90L-4	145
	13	1110	109.49	28700	2.7	P	08		Y90L-4	130
	14	990	97.89	29000	3.0	PF	08		Y90L-4	150
	8.5	1690	166.47	14300	0.90	PK	07		Y90L-4	80
	9.9	1450	142.27	16100	1.05	PFK	07		Y90L-4	88
	11	1320	130.42	16800	1.15	P	07		Y90L-4	85
	12	1160	114.45	17600	1.30	PF	07		Y90L-4	98
	13	1100	108.46	17900	1.35					
	15	960	94.93	18400	1.55					
	16	870	85.52	18800	1.75					
	19	760	75.02	19100	1.95	PK	07		Y90L-4	80
	19	735	72.50	19200	2.0	PFK	07		Y90L-4	88
	21	675	66.46	19300	2.2	P	07		Y90L-4	95
	24	595	58.32	19500	2.5	PF	07		Y90L-4	98
26	560	55.27	19600	2.7						
	29	490	48.37	19700	3.0					
	32	445	43.58	19800	3.4					
	37	390	38.23	19900	3.9					

P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _b					m [Kg]
1.5	39	370	36.58	19900	3.0	PK	07		Y90L-4	79
	45	320	31.51	20000	4.3	PFK	07		Y90L-4	86
						P	07		Y90L-4	84
						PF	07		Y90L-4	96
	16	920	90.59	9300	0.90					
	18	810	79.76	10400	1.00					
	21	685	67.65	11400	1.20	PK	06		Y90L-4	52
	23	620	61.07	11800	1.30	PFK	06		Y90L-4	62
	26	545	53.73	12200	1.50	P	06		Y90L-4	56
	28	515	50.74	12300	1.60	PF	06		Y90L-4	54
	33	440	43.20	12700	1.85					
	36	400	39.26	12800	1.95					
	39	370	36.30	12900	2.2	PK	06		Y90L-4	51
	44	325	32.08	13000	2.5	PFK	06		Y90L-4	60
	51	280	27.41	13000	2.9	P	06		Y90L-4	55
	56	255	25.13	13000	3.2	PF	06		Y90L-4	53
	24	600	58.97	9210	1.00					
	28	510	50.10	9860	1.20	PK	05		Y90L-4	48
	32	455	44.73	9990	1.30	PFK	05		Y90L-4	55
	37	390	38.21	9740	1.55	P	05		Y90L-4	49
	39	365	35.79	9620	1.65	PF	05		Y90L-4	56
	47	305	30.15	9310	1.95					
	33	435	42.86	5750	0.90	PK	04		Y90L-4	38
	39	370	36.61	6300	1.10	PFK	04		Y90L-4	41
	41	350	34.29	6580	1.15	P	04		Y90L-4	39
	49	295	28.88	6500	1.35	PF	04		Y90L-4	39
	46	315	30.86	6550	1.30					
	48	300	29.32	6510	1.35					
	55	260	25.72	6390	1.55	PK	04		Y90L-4	37
	65	220	21.82	6230	1.80	PFK	04		Y90L-4	41
	72	200	19.70	6110	2.0	P	04		Y90L-4	38
	81	176	17.33	5970	2.3	PF	04		Y90L-4	42
	86	166	16.36	5900	2.4					
	101	142	13.93	5700	2.8					
	69	210	20.57	3410	0.95					
	73	196	19.27	3410	1.00					
	83	173	17.03	3400	1.15					
	98	146	14.33	3350	1.35					
	110	131	12.87	3310	1.55					
	127	113	11.08	3250	1.70					
	135	106	10.42	3220	1.75	PK	03		Y90L-4	32
	157	91	8.97	3140	1.90	PFK	03		Y90L-4	34
	176	81	8.01	3080	2.1	P	03		Y90L-4	33
	209	69	6.74	2920	2.0	PF	03		Y90L-4	34
233	62	6.05	2850	2.2						
271	53	5.21	2770	2.4						
288	50	4.90	2730	2.4						
334	43	4.22	2640	2.6						
374	38	3.77	2570	2.7						
2.2	0.98	18900	1441	97500	0.95	PK	15	RF09	Y100L1-4	935
						PFK	15	RF09	Y100L1-4	1008
						P	15	RF09	Y100L1-4	960
						PF	15	RF09	Y100L1-4	1090
	1.1	17600	1308	101400	1.00					
	1.2	15700	1169	106500	1.15					
	1.5	12700	953	112800	1.40					
	1.7	11200	845	115400	1.60					
	1.9	10100	764	117100	1.80					
	2.1	9020	680	118600	2.0	PK	15	RF09	Y100L1-4	935
	2.5	7610	576	120000	2.4	PFK	15	RF09	Y100L1-4	1008
	3.2	5940	446	120000	3.0	P	15	RF09	Y100L1-4	960
	4.7	4020	302	120000	4.5	PF	15	RF09	Y100L1-4	1090
	5.2	3630	273	120000	5.0					
	6.1	3060	232	120000	5.9					
	7.2	2590	197	120000	6.9					



Pm [KW]	na [1/min]	Ma [Nm]	i	Fra [N]	fb		m [Kg]
2.2	1.3	14600	1077	85300	0.80		
	1.5	12600	930	89300	0.95		
	1.7	11100	820	90000	1.10	PK 12 RF07 Y100L1-4	535
	1.9	9830	727	90000	1.20	PFK 12 RF07 Y100L1-4	575
	2.2	8810	648	90000	1.35	P 12 RF07 Y100L1-4	575
	2.6	7460	549	90000	1.60	PF 12 RF07 Y100L1-4	625
	2.8	6720	495	90000	1.80		
	3.3	5810	428	90000	2.1		
	2.2	8700	640	47000	0.90		
	2.5	7580	560	50100	1.00	PK 10 RF07 Y100L1-4	350
	2.9	6610	489	52500	1.15	PFK 10 RF07 Y100L1-4	380
	3.2	5930	436	54200	1.30	P 10 RF07 Y100L1-4	375
	3.8	5030	370	56300	1.55	PF 10 RF07 Y100L1-4	400
	4.2	4520	333	57300	1.70		
	3.9	4940	363	16500	0.85	PK 09 RF05 Y100L1-4	240
	4.9	3890	285	31100	1.10	PFK 09 RF05 Y100L1-4	270
	5.8	3340	245	32500	1.30	P 09 RF05 Y100L1-4	250
						PF 09 RF05 Y100L1-4	280
	2.8	7640	254.40	49900	1.00	PK 10 Y132S-8	325
	3.2	6460	215.37	52900	1.20	PFK 10 Y132S-8	345
	3.5	5980	199.31	54100	1.30	P 10 Y132S-8	340
	3.9	5360	178.64	55500	1.45	PF 10 Y132S-8	375
	3.7	5690	254.40	54800	1.35	PK 10 Y112M-6	320
	4.4	4810	215.37	56700	1.60	PFK 10 Y112M-6	340
	4.7	4450	199.31	57500	1.70	P 10 Y112M-6	335
	5.3	3990	178.64	58400	1.90	PF 10 Y112M-6	365
	5.5	3790	254.40	58900	2.0	PK 10 Y100L1-4	305
	6.6	3210	215.37	60000	2.4	PFK 10 Y100L1-4	330
	7.1	2970	199.31	60400	2.6	P 10 Y100L1-4	325
	7.9	2660	178.64	61000	2.9	PF 10 Y100L1-4	360
	4.2	5000	223.88	12400	0.85	PK 09 Y112M-6	230
	4.9	4240	189.92	30100	1.00	PFK 09 Y112M-6	250
	5.4	3910	174.87	31000	1.10	P 09 Y112M-6	235
	6.0	3490	156.30	32100	1.25	PF 09 Y112M-6	270
	5.1	4120	276.77	30400	1.05		
	5.6	3780	253.41	31400	1.15		
	6.3	3340	223.88	32500	1.30	PK 09 Y100L1-4	216
	7.4	2830	189.92	33700	1.50	PFK 09 Y100L1-4	240
	8.1	2610	174.87	34200	1.65	P 09 Y100L1-4	220
	9.0	2330	156.30	34800	1.85	PF 09 Y100L1-4	260
	10	2100	140.71	35200	2.0		
	11	1900	127.42	35600	2.3		
	7.2	2940	197.20	22000	1.00	PK 08 Y100L1-4	140
	7.8	2680	179.97	24200	1.10	PFK 08 Y100L1-4	150
	8.8	2380	159.61	25200	1.25	P 08 Y100L1-4	145
	11	2000	134.16	26400	1.50	PF 08 Y100L1-4	160
	11	1840	123.29	26900	1.65		
	13	1630	109.49	27500	1.85		
	14	1460	97.89	27900	2.1	PK 08 Y100L1-4	140
	16	1310	88.01	28300	2.3	PFK 08 Y100L1-4	150
	18	1140	76.39	27800	2.6	P 08 Y100L1-4	145
	21	1020	68.40	27100	2.9	PF 08 Y100L1-4	160
	25	850	56.75	25900	3.5		
	28	750	50.36	25200	3.9		
	31	675	45.28	24500	4.2		
	12	1710	114.45	14200	0.90	PK 07 Y100L1-4	88
	13	1620	108.46	14900	0.95	PFK 07 Y100L1-4	97
	15	1410	94.93	16300	1.05	P 07 Y100L1-4	92
	16	1270	85.52	17100	1.20	PF 07 Y100L1-4	106
	19	1120	75.02	17800	1.35		
	21	990	66.46	18300	1.50	PK 07 Y100L1-4	88
	24	870	58.32	18800	1.75	PFK 07 Y100L1-4	97
	26	820	55.27	18900	1.80	P 07 Y100L1-4	92
	29	720	48.37	19200	2.1	PF 07 Y100L1-4	106
	32	650	43.58	19400	2.3		

Pm [KW]	na [1/min]	Ma [Nm]	i	Fra [N]	fb		m [Kg]
2.2	23	910	61.07	9420	0.90		
	26	800	53.73	10500	1.00	PK 06 Y100L1-4	62
	28	755	50.74	10800	1.10	PFK 06 Y100L1-4	70
	33	645	43.20	11600	1.25	P 06 Y100L1-4	65
	36	585	39.26	12000	1.35	PF 06 Y100L1-4	72
	41	505	34.01	12400	1.45		
	44	480	32.08	12500	1.70		
	51	410	27.41	12800	2.0	PK 06 Y100L1-4	61
	56	375	25.13	12900	2.2	PFK 06 Y100L1-4	68
	64	330	22.05	13000	2.5	P 06 Y100L1-4	64
	67	310	20.90	13000	2.6	PF 06 Y100L1-4	71
	77	275	18.29	13000	3.0		
	32	665	44.73	4480	0.90	PK 05 Y100L1-4	56
	37	570	38.21	8660	1.05	PFK 05 Y100L1-4	64
	39	535	35.79	8620	1.15	P 05 Y100L1-4	57
	47	450	30.15	8460	1.30	PF 05 Y100L1-4	65
	56	370	24.96	8240	1.55		
	67	315	21.17	8020	1.90	PK 05 Y100L1-4	56
	74	285	19.11	7870	2.1	PFK 05 Y100L1-4	63
	84	250	16.81	7670	2.4	P 05 Y100L1-4	56
	89	235	15.88	7580	2.5	PF 05 Y100L1-4	64
	55	385	25.72	5560	1.05		
	65	325	21.82	5520	1.25		
	72	295	19.70	5480	1.35		
	81	260	17.33	5410	1.55	PK 04 Y100L1-4	46
	86	245	16.36	5370	1.65	PFK 04 Y100L1-4	48
	101	210	13.93	5250	1.95	P 04 Y100L1-4	46
	111	189	12.66	5170	2.1	PF 04 Y100L1-4	50
	129	163	10.97	5040	2.5		
	157	133	8.96	4740	2.5		
	98	215	14.33	2790	0.95		
	110	192	12.87	2810	1.05		
	127	165	11.08	2820	1.15		
	135	155	10.42	2810	1.20		
	157	134	8.97	2790	1.30	PK 03 Y100L1-4	40
	176	119	8.01	2770	1.40	PFK 03 Y100L1-4	42
	209	100	6.74	2630	1.40	P 03 Y100L1-4	41
	233	90	6.05	2590	1.50	PF 03 Y100L1-4	43
	271	78	5.21	2540	1.60		
	288	73	4.90	2520	1.65		
	334	63	4.22	2460	1.75		
	374	56	3.77	2400	1.85		
3.0	1.2	21700	1169	87200	0.85		
	1.5	17600	953	101300	1.00		
	1.7	15600	845	106700	1.15		
	1.8	14100	764	110100	1.30		
	2.1	12500	680	113200	1.45	PK 15 RF09 Y100L2-4	935
	2.4	10600	576	116400	1.70	PFK 15 RF09 Y100L2-4	1008
	3.1	8250	446	119500	2.2	P 15 RF09 Y100L2-4	960
	4.6	5580	302	120000	3.2	PF 15 RF09 Y100L2-4	1090
	5.1	5040	273	120000	3.6		
	6.1	4250	233	120000	4.2		
	7.1	3610	197	120000	5.0		
	1.9	13600	727	87400	0.90	PK 12 RF07 Y100L2-4	535
	2.2	12200	648	90000	1.00	PFK 12 RF07 Y100L2-4	580
	2.5	10300	549	90000	1.15	P 12 RF07 Y100L2-4	580
	2.8	9270	495	90000	1.30	PF 12 RF07 Y100L2-4	635
	3.2	8170	436	48500	0.95	PK 10 RF07 Y100L2-4	355
	3.8	6930	370	51800	1.10	PFK 10 RF07 Y100L2-4	370
	4.2	6240	333	53500	1.25	P 10 RF07 Y100L2-4	365
	4.8	5460	291	55300	1.40	PF 10 RF07 Y100L2-4	405



P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _s				m [Kg]
3.0	3.7	7750	254.40	49600	1.00	PK	10	Y132S-6	325
	4.4	6560	215.37	52700	1.15	PFK	10	Y132S-6	345
	4.7	6070	199.31	53900	1.25	P	10	Y132S-6	340
	5.3	5440	178.64	55300	1.40	PF	10	Y132S-6	380
	5.5	5210	254.40	55900	1.50	PK	10	Y100L2-4	310
	6.5	4410	215.37	57600	1.75	PFK	10	Y100L2-4	330
	7.0	4080	199.31	58300	1.90	P	10	Y100L2-4	325
	7.8	3660	178.64	59100	2.1	PF	10	Y100L2-4	360
	8.7	3300	161.28	59800	2.3				
	6.2	4580	223.88	29000	0.95	PK	09	Y100L2-4	215
	7.4	3890	189.92	31100	1.10	PFK	09	Y100L2-4	245
	8.0	3580	174.87	31900	1.20	P	09	Y100L2-4	230
						PF	09	Y100L2-4	265
	9.0	3200	156.30	32800	1.35	PK	09	Y100L2-4	215
	9.9	2880	140.71	33600	1.50	PFK	09	Y100L2-4	245
	11	2610	127.42	34200	1.65	P	09	Y100L2-4	230
	12	2310	112.99	34800	1.85	PF	09	Y100L2-4	265
	14	2090	102.16	35200	2.1				
	16	1840	89.85	35700	2.3				
	10	2750	134.16	23900	1.10	PK	08	Y100L2-4	145
	11	2520	123.29	24700	1.20	PFK	08	Y100L2-4	155
	13	2240	109.49	25700	1.35	P	08	Y100L2-4	145
						PF	08	Y100L2-4	165
	14	2000	97.89	26400	1.50	PK	08	Y100L2-4	145
	16	1800	88.01	26900	1.65	PFK	08	Y100L2-4	155
	18	1560	76.39	26300	1.90	P	08	Y100L2-4	145
	20	1400	68.40	25700	2.1	PF	08	Y100L2-4	165
	25	1160	56.75	24800	2.6				
	28	1030	50.36	24100	2.8				
	16	1750	85.52	13800	0.85	PK	07	Y100L2-4	95
	19	1540	75.02	15500	1.00	PFK	07	Y100L2-4	102
	21	1360	66.46	16600	1.10	P	07	Y100L2-4	100
	24	1190	58.32	17500	1.25	PF	07	Y100L2-4	112
	25	1130	55.27	17800	1.35	PK	07	Y100L2-4	95
	29	990	48.37	18300	1.50	PFK	07	Y100L2-4	102
	32	890	43.58	18700	1.70	P	07	Y100L2-4	100
	37	780	38.23	19000	1.90	PF	07	Y100L2-4	112
	65	440	21.43	19800	3.4	PK	07	Y100L2-4	93
						PFK	07	Y100L2-4	100
						P	07	Y100L2-4	98
						PF	07	Y100L2-4	110
	32	880	43.20	9690	0.95	PK	06	Y100L2-4	66
	36	800	39.26	10500	0.95	PFK	06	Y100L2-4	75
	41	695	34.01	11300	1.05	P	06	Y100L2-4	69
					PF	06	Y100L2-4	77	
44	655	32.08	11600	1.25	PK	06	Y100L2-4	65	
51	560	27.41	12100	1.45	PFK	06	Y100L2-4	72	
56	515	25.13	12300	1.60	P	06	Y100L2-4	68	
63	450	22.05	12600	1.80	PF	06	Y100L2-4	75	
67	430	20.90	12700	1.90					
77	375	18.29	12900	2.2					
85	335	16.48	13000	2.4					
97	295	14.46	13000	2.8					
56	510	24.96	7440	1.15	PK	05	Y100L2-4	62	
66	435	21.17	7340	1.40	PFK	05	Y100L2-4	67	
73	390	19.11	7260	1.55	P	05	Y100L2-4	62	
83	345	16.81	7140	1.75	PF	05	Y100L2-4	68	
88	325	15.88	7080	1.85					
104	275	13.52	6890	2.2					
114	250	12.29	6780	2.4					
132	220	10.64	6590	2.8					

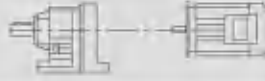
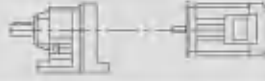
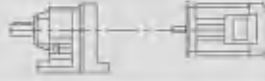
P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{ra} [N]	f _s					m [Kg]
3.0	71	405	19.70	4750	1.00					
	81	355	17.33	4760	1.15					
	86	335	16.36	4760	1.20	PK	04		Y100L2-4	50
	100	285	13.93	4740	1.40	PFK	04		Y100L2-4	52
	111	260	12.66	4700	1.55	P	04		Y100L2-4	50
	128	225	10.97	4640	1.80	PF	04		Y100L2-4	54
	156	183	8.96	4370	1.80					
	126	225	11.08	2320	0.85					
	134	215	10.42	2350	0.85					
	156	184	8.97	2390	0.95					
	175	164	8.01	2410	1.05	PK	03		Y100L2-4	45
	208	138	6.74	2290	1.00	PFK	03		Y100L2-4	47
	231	124	6.05	2300	1.10	P	03		Y100L2-4	46
	269	107	5.21	2290	1.15	PF	03		Y100L2-4	48
	286	100	4.90	2280	1.20					
	332	86	4.22	2250	1.25					
	372	77	3.77	2220	1.35					
4.0	1.7	20600	845	91500	0.85					
	1.9	18600	764	98300	0.95					
	2.1	16600	680	104200	1.10					
	2.5	14000	576	110300	1.30	PK	15	RF09	Y112M-4	950
	3.2	10900	446	115900	1.65	PFK	15	RF09	Y112M-4	1020
	4.7	7390	302	120000	2.4	P	15	RF09	Y112M-4	970
	5.2	6670	273	120000	2.7	PF	15	RF09	Y112M-4	1100
	6.1	5640	232	120000	3.2					
	7.2	4780	197	120000	3.8					
	2.6	13600	549	87400	0.90	PK	12	RF07	Y112M-4	545
	2.9	12200	495	90000	1.00	PFK	12	RF07	Y112M-4	590
	3.3	10600	428	90000	1.15	P	12	RF07	Y112M-4	590
	3.8	9270	376	90000	1.30	PF	12	RF07	Y112M-4	535
	4.3	8230	333	48300	0.95	PK	10	RF07	Y112M-4	300
	4.9	7190	291	51100	1.05	PFK	10	RF07	Y112M-4	385
	5.6	6310	255	53300	1.20	P	10	RF07	Y112M-4	380
						PF	10	RF07	Y112M-4	410
	4.2	9060	170.83	90000	1.30	PK	12		Y160M1-8	535
	4.7	8150	153.67	90000	1.45	PFK	12		Y160M1-8	580
	5.7	6650	125.37	90000	1.80	P	12		Y160M1-8	580
						PF	12		Y160M1-8	640
	5.6	6840	254.40	52000	1.10					
	6.6	5790	215.37	54500	1.35					
	7.1	5360	199.31	55500	1.45					
	7.9	4810	178.64	56700	1.60	PK	10		Y112M-4	320
	8.8	4340	161.28	57700	1.75	PFK	10		Y112M-4	340
	9.7	3940	146.49	58500	1.95	P	10		Y112M-4	335
	11	3500	129.97	59400	2.2	PF	10		Y112M-4	365
	12	3170	117.94	60100	2.4					
	14	2730	101.38	60900	2.8					
	8.1	4700	174.87	26600	0.90	PK	09		Y112M-4	230
	9.1	4200	156.30	30200	1.00	PFK	09		Y112M-4	250
	10	3780	140.71	31400	1.15	P	09		Y112M-4	235
	11	3430	127.42	32300	1.25	PF	09		Y112M-4	270
	13	3040	112.99	33200	1.40					
	14	2750	102.16	33900	1.55	PK	09		Y112M-4	230
	15	2620	97.58	34100	1.65	PFK	09		Y112M-4	250
	16	2420	89.85	34600	1.80	P	09		Y112M-4	235
	18	2160	80.31	35100	2.0	PF	09		Y112M-4	270
	20	1940	72.29	35500	2.2					
	22	1760	65.47	35800	2.4					
13	2950	109.49	21700	1.00	PK	08		Y112M-4	150	
15	2630	97.89	24300	1.15	PFK	08		Y112M-4	160	
16	2370	88.01	24600	1.25	P	08		Y112M-4	155	
					PF	08		Y112M-4	175	
19	2050	76.39	24200	1.45	PK	08		Y112M-4	150	
21	1840	68.40	23900	1.65	PFK	08		Y112M-4	160	
25	1530	56.75	23200	1.95	P	08		Y112M-4	155	
28	1350	50.36	22800	2.2	PF	08		Y112M-4	175	
31	1220	45.28	22300	2.3						

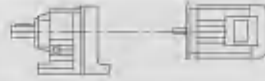
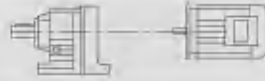


Pm [KW]	na [1/min]	Ma [Nm]	i	Fra [N]	fb			m [Kg]
4.0	21	1790	66.46	13400	0.85	PK 07	Y112M-4	100
	24	1570	58.32	15200	0.95	PFK 07	Y112M-4	110
	26	1490	55.27	15800	1.00	P 07	Y112M-4	105
	29	1300	48.37	16900	1.15	PF 07	Y112M-4	120
	33	1170	43.58	17600	1.30	PK 07	Y112M-4	100
	37	1030	38.23	18200	1.45	PFK 07	Y112M-4	110
	42	910	33.74	18600	1.65	P 07	Y112M-4	105
	47	800	29.91	19000	1.85	PF 07	Y112M-4	120
	56	685	25.54	19300	2.1			
	66	575	21.43	19500	2.6	PK 07	Y112M-4	99
	72	530	19.70	19600	2.8	PFK 07	Y112M-4	108
						P 07	Y112M-4	104
						PF 07	Y112M-4	118
	52	735	27.41	11000	1.10			
	57	675	25.13	11400	1.20			
	64	595	22.05	11900	1.40			
	68	560	20.90	12100	1.45			
	78	490	18.29	12400	1.65			
	86	445	16.48	12700	1.85			
	98	390	14.46	12900	2.1			
	111	345	12.76	13000	2.4	PK 06	Y112M-4	73
	126	305	11.31	13000	2.7	PFK 06	Y112M-4	79
	147	260	9.66	13000	3.2	P 06	Y112M-4	76
	156	245	9.08	13000	2.2	PF 06	Y112M-4	84
	165	230	8.60	12800	2.5			
	189	205	7.53	12400	3.0			
	209	183	6.78	12100	3.4			
	239	160	5.95	11700	3.8			
	270	141	5.25	11400	4.2			
	305	125	4.66	11000	4.5			
	357	107	3.97	10600	4.7			
5.5	67	570	21.17	6490	1.05			
	74	515	19.11	6490	1.15			
	84	450	16.81	6450	1.35			
	89	425	15.88	6430	1.40			
	105	365	13.52	6340	1.65			
	116	330	12.29	6270	1.80	PK 05	Y112M-4	70
	133	285	10.64	6150	2.1	PFK 05	Y112M-4	76
	153	250	9.31	5850	1.70	P 05	Y112M-4	70
	173	220	8.19	5730	1.90	PF 05	Y112M-4	77
	184	210	7.73	5680	2.0			
	216	177	6.58	5510	2.4			
	237	161	5.98	5410	2.6			
	274	139	5.18	5250	3.0			
	2.5	19300	576	96300	0.95			
	2.8	16800	503	103600	1.05			
	3.2	15000	446	108200	1.20	PK 15	RF09	960
	4.1	11800	353	114500	1.55	PFK 15	RF09	1020
	4.7	10100	302	117100	1.80	P 15	RF09	985
	5.2	9160	273	118400	1.95	PF 15	RF09	1100
	6.2	7750	232	120000	2.3			
	7.1	6750	202	120000	2.7			
	7.3	6570	197	120000	2.7			
	3.4	14000	418	86500	0.85			
	3.8	12600	374	89400	0.95	PK 12	RF08	575
	4.6	10500	312	90000	1.15	PFK 12	RF08	625
	4.9	9840	293	90000	1.20	P 12	RF08	625
	5.5	8680	259	90000	1.40	PF 12	RF08	670
	6.4	7500	223	90000	1.60			
	3.3	14500	428	85600	0.85	PK 12	RF07	550
	3.8	12700	376	89100	0.95	PFK 12	RF07	595
						P 12	RF07	595
						PF 12	RF07	650

Pm [KW]	na [1/min]	Ma [Nm]	i	Fra [N]	fb			m [Kg]
5.5	2.7	19800	267.43	94600	0.90			
	3.3	16100	217.62	105500	1.10			
	4.0	13200	178.20	111900	1.35			
	4.4	12100	162.96	114000	1.50	PK 15	Y160M2-8	850
	5.0	10500	141.80	116600	1.70	PFK 15	Y160M2-8	925
	5.7	9260	125.14	118300	1.95	P 15	Y160M2-8	870
	6.5	8030	108.49	119700	2.2	PF 15	Y160M2-8	1010
	7.4	7140	96.53	120000	2.5			
	8.3	6350	85.80	120000	2.8			
	9.1	5800	78.46	120000	3.1			
	10	5050	68.28	120000	3.6			
	4.2	12600	170.83	9820	0.95	PK 12	Y160M2-8	540
	4.6	11400	153.67	90000	1.05	PFK 12	Y160M2-8	590
	5.7	9270	125.37	90000	1.30	P 12	Y160M2-8	585
	6.2	8460	114.34	90000	1.40	PF 12	Y160M2-8	635
	6.6	7910	215.37	49200	0.95	PK 10	Y132S-4	325
	7.2	7320	199.31	50800	1.05	PFK 10	Y132S-4	345
	8.0	6560	178.64	52700	1.15	P 10	Y132S-4	340
	8.9	5920	161.28	54200	1.30	PF 10	Y132S-4	380
	9.8	5380	146.49	55500	1.45			
	11	4770	129.97	56800	1.60	PK 10	Y132S-4	325
	12	4330	117.94	57700	1.75	PFK 10	Y132S-4	345
	14	3720	101.38	59000	2.1	P 10	Y132S-4	340
	15	3400	92.47	59600	2.3	PF 10	Y132S-4	380
	16	3250	88.49	59900	2.4			
	17	3080	83.99	60200	2.5			
	11	4680	127.42	27400	0.90	PK 09	Y132S-4	235
	13	4150	112.99	30300	1.05	PFK 09	Y132S-4	260
	14	3750	102.16	31400	1.15	P 09	Y132S-4	240
						PF 09	Y132S-4	280
	15	3580	97.58	31900	1.20			
	16	3300	89.85	32600	1.30			
	17	3180	86.59	32900	1.35	PK 09	Y132S-4	235
	18	2950	80.31	33400	1.45	PFK 09	Y132S-4	260
	19	2780	75.63	33800	1.55	P 09	Y132S-4	240
	20	2660	72.29	34100	1.60	PF 09	Y132S-4	280
	22	2400	65.47	34600	1.80			
	25	2130	58.06	34500	2.0			
	27	1930	52.49	33900	2.2			
	16	3230	88.01	5760	0.95	PK 08	Y132S-4	155
	19	2810	76.39	21200	1.05	PFK 08	Y132S-4	165
	21	2510	68.40	21200	1.20	P 08	Y132S-4	160
	25	2080	56.75	21000	1.45	PF 08	Y132S-4	180
	28	1850	50.36	20800	1.60	PK 08	Y132S-4	155
	32	1660	45.28	20500	1.70	PFK 08	Y132S-4	165
	36	1440	39.30	20100	1.90	P 08	Y132S-4	160
	41	1290	35.19	19800	2.0	PF 08	Y132S-4	180
	49	1070	29.20	19100	2.3			
	42	1250	33.92	19700	2.1	PK 08	Y132S-4	150
	50	1060	28.78	19100	2.3	PFK 08	Y132S-4	165
	54	970	26.50	18800	3.1	P 08	Y132S-4	155
	60	870	23.68	18400	3.5	PF 08	Y132S-4	175
	30	1780	48.37	13500	0.85			
	33	1600	43.58	15000	0.95	PK 07	Y132S-4	110
	37	1400	38.23	16300	1.05	PFK 07	Y132S-4	118
	42	1240	33.74	17300	1.20	P 07	Y132S-4	115
	48	1100	29.91	17900	1.35	PF 07	Y132S-4	125
	56	940	25.54	18500	1.55			
	56	940	25.50	18500	1.60			
	67	785	21.43	19000	1.90	PK 07	Y132S-4	110
	73	725	19.70	19200	2.1	PFK 07	Y132S-4	116
	82	645	17.49	19400	2.3	P 07	Y132S-4	115
	91	575	15.64	19600	2.6	PF 07	Y132S-4	125
	102	515	14.06	19300	2.9			
	117	450	12.20	18600	3.3			



P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _s		m [Kg]
5.5	65	810	22.05	10400	1.00		80
	68	770	20.90	10800	1.05		
	78	670	18.29	11500	1.20		
	87	605	16.48	11900	1.35		
	99	530	14.46	12300	1.55		
	112	470	12.76	12500	1.75		
	126	415	11.31	12800	1.95		
	148	355	9.66	12900	2.3		
	158	335	9.08	12400	1.60		
	166	315	8.60	12300	1.80		
	190	275	7.53	12000	2.2		
	211	250	6.78	11700	2.5		
	240	220	5.95	11400	2.8		
	272	193	5.25	11100	3.1		
	307	171	4.66	10700	3.3		
	360	146	3.97	10300	3.4		
	85	620	16.81	5450	0.95		
	90	585	15.88	5480	1.05		
	106	495	13.52	5530	1.20		
	116	450	12.29	5530	1.35		
	134	390	10.64	5510	1.55		
	175	300	8.19	5190	1.40		
	185	285	7.73	5160	1.50		
	217	240	6.58	5070	1.75		
	239	220	5.98	5010	1.90		
	276	190	5.18	4900	2.2		
7.5	4.6	14300	312	85900	0.85		600
	4.9	13500	293	87600	0.90		
	5.5	11900	259	90000	1.00		
	6.4	10300	223	90000	1.15		
	7.2	9080	198	90000	1.30		
	3.3	21600	217.62	87600	0.85		
	4.0	17700	178.20	101100	1.00		
	4.4	16200	162.96	105200	1.10		
	5.1	14100	141.80	110100	1.30		
	5.8	12400	125.14	113300	1.45		
	6.6	10800	108.49	116100	1.65		
	7.5	9600	96.53	117800	1.85		
	8.4	8530	85.80	119200	2.1		
	9.2	7810	78.46	120000	2.3		
	11	6790	68.28	120000	2.7		
	12	5990	60.25	120000	3.0		
	14	5200	52.24	120000	3.5		
	15	4620	46.48	120000	3.9		
	18	3980	40.06	120000	4.5		
	3.6	20000	267.43	94000	0.90		
	4.4	16200	217.62	105100	1.10		
	5.4	13300	178.20	111700	1.35		
	5.9	12200	162.96	113800	1.50		
	6.8	10600	141.80	116400	1.70		
	7.7	9340	125.14	118200	1.95		
	8.9	8090	108.49	119700	2.2		
	9.9	7200	96.53	120000	2.5		
	11	6400	85.80	120000	2.8		
	12	5850	78.46	120000	3.1		
	14	5090	68.28	120000	3.5		
	16	4500	60.25	120000	4.0		
	18	3900	52.24	119300	4.6		
	5.7	12500	125.37	89500	0.95		
	6.3	11400	114.34	90000	1.05		
	7.3	9840	98.95	90000	1.20		
	8.2	8690	87.31	90000	1.40		
	5.6	12700	170.83	89000	0.95		
	6.2	11500	153.67	90000	1.05		
	7.7	9350	125.37	90000	1.30		
	8.4	8530	114.34	90000	1.40		

P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _s		m [Kg]
7.5	8.4	8560	170.83	90000	1.40		520
	9.3	7700	153.67	90000	1.55		
	11	6280	125.37	90000	1.90		
	8.0	8950	178.64	46300	0.85		
	8.9	8080	161.28	48700	0.95		
	9.8	7340	146.49	50700	1.05		
	11	6510	129.97	52800	1.20		
	12	5910	117.94	54200	1.30		
	14	5080	101.38	56100	1.50		
	15	4630	92.47	57100	1.65		
	16	4430	88.49	57500	1.75		
	17	4210	83.99	58000	1.85		
	19	3730	74.52	59000	2.1		
	21	3390	67.62	59600	2.3		
	15	4890	97.58	19300	0.90		
	16	4500	89.85	29300	0.95		
	17	4340	86.59	29800	1.00		
	18	4020	80.31	30700	1.05		
	19	3790	75.63	31300	1.15		
	20	3620	72.29	31800	1.20		
	22	3280	65.47	32200	1.30		
	25	2910	58.06	31800	1.50		
	27	2630	52.49	31400	1.65		
	32	2230	44.49	30600	1.95		
	37	1950	38.86	29900	2.2		
	44	1630	32.50	28900	2.6		
	42	1700	33.91	29200	2.5		
	47	1520	30.39	28500	2.8		
	25	2840	56.75	18100	1.05		
	28	2520	50.36	18200	1.15		
	32	2270	45.28	18200	1.25		
	36	1970	39.30	18100	1.40		
	41	1760	35.19	18000	1.50		
	49	1460	29.20	17600	1.70		
	50	1440	28.78	17600	1.70		
	54	1330	26.50	17400	2.3		
	60	1190	23.68	17100	2.5		
	67	1070	21.32	16800	2.8		
	74	970	19.31	16500	3.1		
	84	860	17.12	16200	3.5		
	92	775	15.48	15900	3.9		
	42	1690	33.74	14300	0.90		
	48	1500	29.91	15700	1.00		
	56	1280	25.54	17000	1.15		
	56	1280	25.50	17100	1.15		
	67	1070	21.43	18000	1.40		
	73	990	19.70	18400	1.50		
	82	880	17.49	18800	1.70		
	91	785	15.64	19000	1.90		
	102	705	14.06	18600	2.1		
	117	610	12.20	18000	2.5		
	131	545	10.93	17600	2.7		
	154	465	9.30	16500	2.3		
	173	415	8.26	16100	2.6		
	194	370	7.39	15700	2.9		
	215	335	6.64	15300	3.2		
	248	290	5.76	14800	3.7		
	277	260	5.16	14500	4.2		
	334	215	4.28	13800	4.7		
	56	1280	25.50	17100	1.15		
	67	1070	21.43	18000	1.40		
	73	990	19.70	18400	1.50		
	82	880	17.49	18800	1.70		
	91	785	15.64	19000	1.90		
	102	705	14.06	18600	2.1		
	117	610	12.20	18000	2.5		
	131	545	10.93	17600	2.7		
	154	465	9.30	16500	2.3		
	173	415	8.26	16100	2.6		
	194	370	7.39	15700	2.9		
	215	335	6.64	15300	3.2		
	248	290	5.76	14800	3.7		
	277	260	5.16	14500	4.2		
	334	215	4.28	13800	4.7		

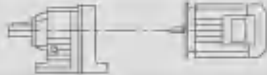


P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _s		m [Kg]
11.0	4.8	20300	302	92800	0.90	PK 15 RF09 Y160M1-4	1000
	5.3	18300	273	99300	1.00	PFK 15 RF09 Y160M1-4	1070
	6.2	15500	232	106900	1.15	P 15 RF09 Y160M1-4	1020
	7.1	13500	202	111200	1.35	PF 15 RF09 Y160M1-4	1150
	7.3	13200	197	112000	1.35		
	6.4	15000	223	84500	0.80	PK 12 RF08 Y160M1-4	610
	7.3	13300	198	88000	0.90	PFK 12 RF08 Y160M1-4	650
	8.7	11100	166	90000	1.10	P 12 RF08 Y160M1-4	650
						PF 12 RF08 Y160M1-4	720
	5.1	20700	141.80	91300	0.85	PK 15 Y180L-8	970
	5.8	18300	125.14	99500	1.00	PFK 15 Y180L-8	1045
	6.6	15800	108.49	106100	1.15	P 15 Y180L-8	990
	7.5	14100	96.53	110100	1.30	PF 15 Y180L-8	1130
	5.4	19500	178.20	95500	0.90		
	5.9	17800	162.96	100800	1.00		
	6.8	15500	141.80	106900	1.15	PK 15 Y160L-6	890
	7.7	13700	125.14	110900	1.30	PFK 15 Y160L-6	960
	8.9	11900	108.49	114300	1.50	P 15 Y160L-6	910
	9.9	10600	96.53	116400	1.70	PF 15 Y160L-6	1045
	11	9390	85.80	118100	1.90		
	12	8590	78.46	119100	2.1		
	5.4	19500	267.43	95500	0.90		
	6.6	15900	217.62	106000	1.15		
	8.1	13000	178.20	112300	1.40		
	8.8	11900	162.96	114300	1.50		
	10	10300	141.80	116800	1.75	PK 15 Y160M1-4	850
	12	9130	125.14	118400	1.95	PFK 15 Y160M1-4	925
	13	7910	108.49	119900	2.3	P 15 Y160M1-4	875
	15	7040	96.53	120000	2.6	PF 15 Y160M1-4	1005
	17	6260	85.80	118100	2.9		
	18	5720	78.46	115700	3.1		
	21	4980	68.28	112000	3.6		
	7.7	13700	125.37	87100	0.85	PK 12 Y160L-6	580
	8.4	12500	114.34	89500	0.95	PFK 12 Y160L-6	625
	9.7	10800	98.95	90000	1.10	P 12 Y160L-6	625
	11	9550	87.31	90000	1.25	PF 12 Y160L-6	685
	13	8250	75.41	90000	1.45		
	8.4	12500	170.83	89500	0.95		
	9.4	11200	153.67	90000	1.05	PK 12 Y160M1-4	540
	11	9150	125.37	90000	1.30	PFK 12 Y160M1-4	590
	13	8340	114.34	90000	1.45	P 12 Y160M1-4	580
	15	7220	98.95	90000	1.65	PF 12 Y160M1-4	640
	16	6370	87.31	90000	1.90		
	19	5500	75.41	88600	2.2		
	12	8600	117.94	47300	0.90	PK 10 Y160M1-4	365
	14	7400	101.38	50600	1.05	PFK 10 Y160M1-4	390
	16	6750	92.47	52200	1.15	P 10 Y160M1-4	385
						PF 10 Y160M1-4	415
	17	6130	83.99	53700	1.25		
	19	5440	74.52	55300	1.40	PK 10 Y160M1-4	365
	21	4930	67.62	56500	1.55	PFK 10 Y160M1-4	390
	25	4240	58.12	56400	1.80	P 10 Y160M1-4	385
	28	3700	50.73	55100	2.1	PF 10 Y160M1-4	415
	33	3140	43.03	53500	2.5		
	43	2470	33.79	51000	3.0	PK 10 Y160M1-4	355
	52	2010	27.57	48800	3.9	PFK 10 Y160M1-4	380
	57	1830	25.14	47800	4.3	P 10 Y160M1-4	375
						PF 10 Y160M1-4	400
	22	4780	65.47	24000	0.90	PK 09 Y160M1-4	275
	25	4240	58.06	27100	1.00	PFK 09 Y160M1-4	300
	27	3830	52.49	27100	1.10	P 09 Y160M1-4	280
						PF 09 Y160M1-4	325
	32	3250	44.49	27000	1.30	PK 09 Y160M1-4	275
	37	2830	38.86	26700	1.50	PFK 09 Y160M1-4	300
	44	2370	32.50	26200	1.80	P 09 Y160M1-4	280
						PF 09 Y160M1-4	325

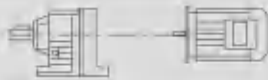
P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _s		m [Kg]
11.0	42	2470	33.91	26400	1.75	PK 09 Y160M1-4	270
	47	2220	30.39	26000	1.95	PFK 09 Y160M1-4	295
	52	2000	27.44	25600	2.2	P 09 Y160M1-4	280
	58	1820	24.92	25200	2.4	PF 09 Y160M1-4	320
	65	1610	22.11	24700	2.7		
	37	2870	39.30	14600	0.95	PK 08 Y160M1-4	200
	41	2570	35.19	14800	1.00	PFK 08 Y160M1-4	210
	49	2130	29.20	15000	1.20	P 08 Y160M1-4	205
						PF 08 Y160M1-4	220
	54	1930	26.50	15000	1.55		
	61	1730	23.68	15000	1.75		
	68	1560	21.32	14900	1.95	PK 08 Y160M1-4	195
	75	1410	19.31	14800	2.1	PFK 08 Y160M1-4	210
	84	1250	17.12	14600	2.4	P 08 Y160M1-4	200
	93	1130	15.48	14400	2.7	PF 08 Y160M1-4	215
	110	960	13.12	14100	3.1		
	73	1440	19.70	16100	1.05		
	82	1280	17.49	17100	1.20		
	92	1140	15.64	17600	1.30		
	102	1030	14.06	17400	1.45		
	118	890	12.20	17000	1.70	PK 07 Y160M1-4	150
	132	795	10.93	16700	1.90	PFK 07 Y160M1-4	155
	155	680	9.30	15500	1.60	P 07 Y160M1-4	155
	174	605	8.26	15200	1.80	PF 07 Y160M1-4	165
	195	540	7.39	14900	2.0		
	217	485	6.64	14600	2.2		
	250	420	5.76	14200	2.6		
	279	375	5.16	13900	2.9		
	336	310	4.28	13300	3.2		
15.0	6.3	20900	232	90400	0.85	PK 15 RF09 Y160L-4	1045
	7.2	18300	202	99500	1.00	PFK 15 RF09 Y160L-4	1115
	7.4	17700	197	101000	1.00	P 15 RF09 Y160L-4	1065
						PF 15 RF09 Y160L-4	1200
	6.8	20900	141.80	90400	0.85		
	7.8	18500	125.14	98800	0.95	PK 15 Y180L-6	970
	8.9	16000	108.49	105700	1.10	PFK 15 Y180L-6	1045
	10	14300	96.53	109800	1.25	P 15 Y180L-6	1000
	11	12700	85.80	112900	1.40	PF 15 Y180L-6	1130
	6.7	21400	217.62	88800	0.85		
	8.2	17500	178.20	101800	1.05		
	9.0	16000	162.96	105700	1.15		
	10	13900	141.80	110500	1.30		
	12	12300	125.14	113600	1.45	PK 15 Y160L-4	890
	13	10600	108.49	116300	1.70	PFK 15 Y160L-4	960
	15	9470	96.53	115800	1.90	P 15 Y160L-4	910
	17	8420	85.80	113200	2.1	PF 15 Y160L-4	1045
	19	7700	78.46	111200	2.3		
	21	6700	68.28	108000	2.7		
	24	5910	60.25	105100	3.0		
	9.8	14600	98.95	85300	0.80		
	11	12900	87.31	88700	0.95	PK 12 Y180L-6	660
	13	11100	75.41	88300	1.10	PFK 12 Y180L-6	710
	14	10300	70.07	87600	1.15	P 12 Y180L-6	710
	15	9440	63.91	86700	1.25	PF 12 Y180L-6	760
	12	12300	125.37	89000	1.00		
	13	11200	114.34	88300	1.05	PK 12 Y160L-4	580
	15	9710	98.95	87000	1.25	PFK 12 Y160L-4	625
	17	8570	87.31	85600	1.40	P 12 Y160L-4	625
	19	7400	75.41	83800	1.60	PF 12 Y160L-4	685
	21	6870	70.07	82800	1.75		
	16	9070	92.47	45900	0.85		
	17	8680	88.49	47100	0.90	PK 10 Y160L-4	415
	17	8240	83.99	48300	0.95	PFK 10 Y160L-4	435
	20	7310	74.52	50800	1.05	P 10 Y160L-4	430
	22	6630	67.62	52500	1.15	PF 10 Y160L-4	460

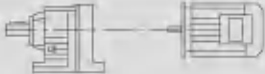


Pm [KW]	na [1/min]	Ma [Nm]	i	Fra [N]	fb				m [Kg]
15.0	25	5700	58.12	52200	1.35	PK	10	Y160L-4	415
	29	4980	50.73	51500	1.55				440
	34	4220	43.03	50400	1.80				430
	39	3690	37.61	49300	2.1				470
	46	3120	31.80	48000	2.5				
	43	3320	33.79	48500	2.2	PK	10	Y160L-4	400
	53	2700	27.57	46700	2.9				425
	58	2470	25.14	45900	3.2				420
	67	2130	21.76	44500	3.7				455
	33	4360	44.49	22900	1.00				325
	38	3810	38.86	23100	1.15	PK	09	Y160L-4	350
	45	3190	32.50	23200	1.35				330
	43	3330	33.91	23200	1.30				370
	48	2980	30.39	23200	1.45				
	53	2690	27.44	23100	1.60				
	59	2450	24.92	22900	1.75	PK	09	Y160L-4	320
	66	2170	22.11	22600	2.0				340
	73	1970	20.07	22400	2.2				325
	85	1690	17.25	21900	2.5				365
	97	1480	15.06	21400	2.9				
	114	1250	12.77	20800	3.4	PK	08	Y160L-4	240
	131	1100	11.16	20200	3.7				260
	55	2600	26.50	12300	1.15				250
	62	2320	23.68	12600	1.30				265
	68	2090	21.32	12700	1.45				
	76	1890	19.31	12800	1.60	PK	08	Y160L-4	240
	85	1680	17.12	12900	1.80				260
	94	1520	15.48	12800	2.0				250
	111	1290	13.12	12700	2.3				265
	127	1120	11.46	12600	2.7				
18.5	152	940	9.58	12300	3.1	PK	15	Y180M-4	1105
	176	810	8.29	11700	1.90				1175
	199	720	7.35	11500	2.1				1130
	220	650	6.65	11300	2.3				1260
	259	555	5.63	11000	2.8				
	297	485	4.92	10700	3.2	PK	15	Y180M-4	950
	355	405	4.12	10300	3.6				1020
	8.2	21500	178.20	88200	0.85				985
	9.0	19700	162.96	95000	0.90				1105
	10	17100	141.80	102800	1.05	PK	15	Y180M-4	950
	12	15100	125.14	107900	1.20				1020
	14	13100	108.49	112100	1.40				985
	15	11600	96.53	111300	1.55				1105
	17	10300	85.80	109300	1.75				
	19	9460	78.46	107600	1.90	PK	12	Y180M-4	650
	21	8230	68.28	104900	2.2				685
	24	7270	60.25	102300	2.5				685
	28	6300	52.24	99300	2.9				745
	13	13800	114.34	82200	0.85				
	15	11900	98.95	81700	1.00	PK	10	Y180M-4	475
	17	10500	87.31	80900	1.15				500
	19	9090	75.41	79700	1.30				495
	21	8450	70.07	79000	1.40				530
	23	7710	63.91	78100	1.55				

Pm [KW]	na [1/min]	Ma [Nm]	i	Fra [N]	fb				m [Kg]
18.5	34	5190	43.03	47700	1.50	PK	10	Y180M-4	475
	39	4540	37.61	47000	1.70				500
	46	3830	31.80	46000	2.0				495
	43	4070	33.79	46400	1.80				530
	53	3320	27.57	45000	2.4				460
	58	3030	25.14	44300	2.6	PK	10	Y180M-4	485
	67	2620	21.76	43200	3.0				480
	38	4690	38.86	20000	0.90				515
	45	3920	32.50	20600	1.10				385
	53	3310	27.44	20900	1.30				410
	59	3010	24.92	20900	1.45	PK	09	Y180M-4	390
	66	2670	22.11	20900	1.60				430
	73	2420	20.07	20800	1.80				
	85	2080	17.25	20500	2.1				380
	97	1820	15.06	20200	2.4				400
	115	1540	12.77	19800	2.8	PK	08	Y180M-4	385
	131	1350	11.16	19300	3.0				425
	69	2570	21.32	10900	1.15				
	76	2330	19.31	11100	1.30				300
	86	2060	17.12	11400	1.45				320
	95	1870	15.48	11500	1.60	PK	08	Y180M-4	305
	112	1580	13.12	11600	1.90				325
	128	1380	11.46	11600	2.2				
	153	1160	9.58	11500	2.5				220
	177	1000	8.29	10900	1.55				260
22	199	890	7.35	10800	1.75	PK	15	Y200L2-6	1030
	220	800	6.65	10700	1.90				1105
	260	680	5.63	10400	2.2				1055
	298	595	4.92	10200	2.6				1190
	356	495	4.12	9900	2.9				
	10	20900	96.53	90500	0.85	PK	15	Y180L-4	970
	11	18600	85.80	98500	0.95				1045
	12	17000	78.46	103100	1.05				1000
	14	14800	68.28	107700	1.20				1130
	10	20300	141.80	92600	0.90	PK	12	Y180L-4	660
	12	17900	125.14	100400	1.00				710
	14	15600	108.49	106800	1.15				710
	15	13800	96.53	106900	1.30				755
	17	12300	85.80	105400	1.45				
	19	11300	78.46	104000	1.60	PK	10	Y180L-4	490
	21	9790	68.28	101700	1.85				515
	24	8640	60.25	99600	2.1				510
	28	7490	52.24	97000	2.4				540
	32	6660	46.48	94800	2.7	PK	10	Y180L-4	490
	37	5740	40.06	91900	3.1				515
	45	4670	32.55	87800	3.9				510
	15	14200	98.95	76400	0.85				540
	17	12500	87.31	76300	0.95	PK	10	Y180L-4	490
	19	10800	75.41	75700	1.10				515
	21	10000	70.07	75300	1.20				510
	23	9160	63.91	74700	1.30				540
	26	7930	55.31	73500	1.50				

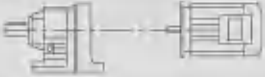
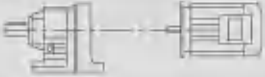


P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Ra} [N]	f _b					m [Kg]
22	43	4850	33.79	44300	1.55	PK PFK P PF	10 10 10 10	Y180L-4 Y180L-4 Y180L-4 Y180L-4	480 505 500 530	
	53	3950	27.57	43300	2.0					
	58	3610	25.14	42800	2.2					
	67	3120	21.76	41900	2.5					
	76	2750	19.20	41000	2.8					
	53	3940	27.44	18700	1.10	PK PFK P PF	09 09 09 09	Y180L-4 Y180L-4 Y180L-4 Y180L-4	400 420 405 440	
	59	3570	24.92	18900	1.20					
	66	3170	22.11	19100	1.35					
	73	2880	20.07	19200	1.50					
	85	2470	17.25	19100	1.75					
	97	2160	15.06	19000	2.0	PK PFK P PF	08 08 08 08	Y180L-4 Y180L-4 Y180L-4 Y180L-4	320 335 325 340	
	115	1830	12.77	18700	2.3					
	131	1600	11.16	18400	2.6					
	69	3060	21.32	8990	1.00					
	76	2770	19.31	9430	1.10					PK PFK P PF
	86	2460	17.12	9850	1.20					
	95	2220	15.48	10100	1.35					
	112	1880	13.12	10400	1.60					
	128	1640	11.46	10600	1.85					
	153	1370	9.58	10600	2.1					
177	1190	8.29	10100	1.30						
199	1050	7.35	10100	1.45						
220	950	6.65	10000	1.60						
260	810	5.63	9900	1.90						
298	705	4.92	9750	2.2						
356	590	4.12	9500	2.5						
30	14	21100	108.49	89600	0.85	PK PFK P PF	15 15 15 15	Y200L-4 Y200L-4 Y200L-4 Y200L-4	1035 1105 1055 1185	
	15	18800	96.53	96900	0.95					
	17	16700	85.80	96400	1.10					
	19	15300	78.46	95800	1.20					
	22	13300	68.28	94600	1.35					
	24	11700	60.25	93300	1.55	PK PFK P PF	12 12 12 12	Y200L-4 Y200L-4 Y200L-4 Y200L-4	730 780 780 830	
	28	10200	52.24	91500	1.75					
	32	9060	46.48	89900	2.0					
	37	7810	40.06	87700	2.3					
	19	14700	75.41	66600	0.80					
	21	13700	70.07	66800	0.90	PK PFK P PF	12 12 12 12	Y200L-4 Y200L-4 Y200L-4 Y200L-4	720 755 755 815	
	23	12500	63.91	66900	0.95					
	27	10800	55.31	66700	1.10					
	30	9510	48.80	66300	1.25					
	35	8210	42.15	66500	1.45					
	39	7270	37.28	64700	1.65	PK PFK P PF	10 10 10 10	Y200L-4 Y200L-4 Y200L-4 Y200L-4	560 580 575 610	
	47	6110	31.33	63200	1.95					
	58	4930	25.30	61200	2.4					
	55	5240	26.86	61800	1.60					
	60	4790	24.57	60900	1.80					
	69	4170	21.38	59400	2.9	PK PFK P PF	10 10 10 10	Y200L-4 Y200L-4 Y200L-4 Y200L-4	545 570 565 595	
	78	3680	18.87	58000	3.0					
	34	8390	43.03	39200	0.90					
	39	7330	37.61	39600	1.05					
	46	6200	31.80	39700	1.25					
	53	5370	27.57	39500	1.45	PK PFK P PF	10 10 10 10	Y200L-4 Y200L-4 Y200L-4 Y200L-4	545 570 565 595	
	58	4900	25.14	39300	1.60					
	68	4240	21.76	38800	1.85					
	77	3740	19.20	38300	2.1					
	89	3230	16.58	37600	2.4					
100	2860	14.67	36900	2.7	PK PFK P PF	10 10 10 10	Y200L-4 Y200L-4 Y200L-4 Y200L-4	545 570 565 595		
119	2400	12.33	35900	2.9						
148	1940	9.96	34500	3.3						

Pm [KW]	na [1/min]	Ma [Nm]	i	FRa [N]	fb		m [Kg]	
30	66	4310	22.11	15100	1.00	PK 09 PFK 09 P 09 PF 09	Y200L-4 Y200L-4 Y200L-4 Y200L-4	815 485 465 505
	73	3910	20.07	15500	1.10			
	85	3360	17.25	16000	1.30			
	98	2930	15.06	16300	1.45			
	115	2490	12.77	16400	1.75			
	132	2180	11.16	16400	1.90			
	162	1770	9.06	15400	1.35			
	179	1600	8.22	15300	1.45			
	208	1380	7.07	15100	1.70			
	238	1200	6.17	14900	1.85			
	281	1020	5.23	14600	2.1			
	321	890	4.57	14300	2.3			
37	17	20600	85.80	88600	0.85	PK 15 PFK 15 P 15 PF 15	Y225S-4 Y225S-4 Y225S-4 Y225S-4	1090 1165 1115 1250
	19	18900	78.46	88700	0.95			
	22	16400	68.28	88400	1.10			
	24	14500	60.25	87800	1.25			
	28	12600	52.24	86800	1.45			
	32	11200	46.48	85700	1.60			
	37	9630	40.06	84000	1.85			
	45	7820	32.55	81400	2.3			
	53	6630	27.60	79100	2.7	PK 12 PFK 12 P 12 PF 12	Y225S-4 Y225S-4 Y225S-4 Y225S-4	790 820 820 890
	27	13300	55.31	60900	0.90			
	30	11700	48.80	61100	1.00			
	35	10100	42.15	61100	1.20			
	39	8960	37.28	60700	1.35			
	47	7530	31.33	59900	1.60			
	58	6080	25.30	58500	1.95			
	55	6460	26.86	58900	1.30			
	60	5910	24.57	58300	1.45			
	69	5140	21.38	57100	2.3			
	78	4530	18.87	56000	2.4			
	90	3930	16.36	54600	2.8			
	101	3500	14.55	53400	3.1			
	117	3010	12.54	51900	3.3			
	144	2450	10.19	49600	3.9			
	166	2130	8.86	47700	3.3	PK 10 PFK 10 P 10 PF 10	Y225S-4 Y225S-4 Y225S-4 Y225S-4	600 620 620 650
	186	1890	7.88	46500	3.2			
	53	6630	27.57	36200	1.20			
	58	6040	25.14	36200	1.30			
	68	5230	21.76	36200	1.50			
	77	4610	19.20	36000	1.70			
	89	3990	16.58	35600	1.95			
	100	3530	14.67	35100	2.2			
	119	2960	12.33	34400	2.4	PK 15 PFK 15 P 15 PF 15	Y225M-4 Y225M-4 Y225M-4 Y225M-4	1130 1200 1150 1285
	148	2390	9.96	33300	2.7			
	152	2330	9.69	32400	2.1			
	176	2010	8.37	31700	2.4			
	199	1780	7.40	31000	2.6			
236	1500	6.22	30000	3.1				
22	20000	68.28	81300	0.90				
24	17600	60.25	81600	1.00				
28	15300	52.24	81300	1.20				
32	13600	46.48	80900	1.30				
37	11700	40.06	79900	1.55				
45	9510	32.55	78000	1.90				
53	8070	27.60	76200	2.2				
30	14300	48.80	55200	0.85	PK 12 PFK 12 P 12 PF 12	Y225M-4 Y225M-4 Y225M-4 Y225M-4	830 865 865 925	
35	12300	42.15	56000	0.95				
39	10900	37.28	56200	1.10				
47	9160	31.33	56100	1.30				
58	7400	25.30	55400	1.60				

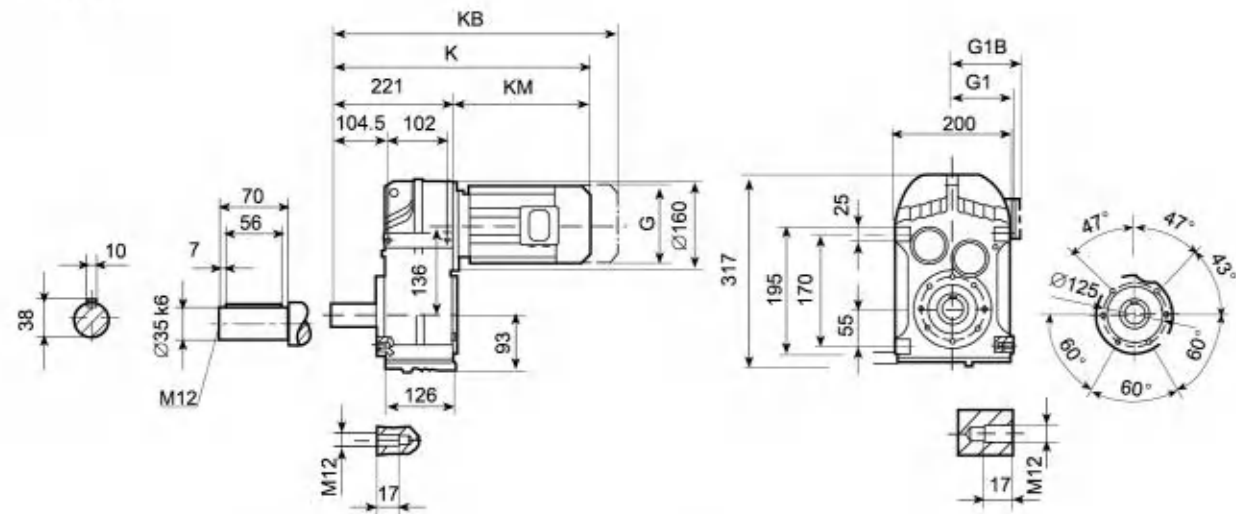


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45	55	7850	26.86	55700	1.10		805
	60	7180	24.57	55300	1.20		
	69	6250	21.38	54500	1.90		
	78	5520	18.87	53700	2.0		
	90	4780	16.36	52600	2.3		
	101	4250	14.55	51600	2.6		
	117	3670	12.54	50300	2.7		
	144	2980	10.19	48400	3.2		
	166	2590	8.86	46600	2.7		
	186	2300	7.88	45500	2.6		
	216	1990	6.80	44000	3.5		
	266	1610	5.52	42000	3.7		
	53	8060	27.57	32400	0.95		635
	58	7350	25.14	32800	1.05		
	68	6360	21.76	33200	1.25		
	77	5610	19.20	33300	1.40		
	89	4850	16.58	33300	1.60		
	100	4290	14.67	33100	1.80		
	119	3600	12.33	32700	1.95		
	148	2910	9.96	31900	2.2		
	152	2830	9.69	31000	1.75		
	176	2450	8.37	30400	1.95		
55	199	2160	7.40	29900	2.1		660
	236	1820	6.22	29100	2.5		
	24	21500	60.55	73800	0.85		1285
	28	18600	52.24	74600	0.95		
	32	16500	46.48	74800	1.10		
	37	14300	40.06	74700	1.25		
	45	11600	32.55	73800	1.55		
	53	9830	27.60	72600	1.85		
	52	10200	28.60	72900	1.65		
	58	9060	25.43	71900	1.65		
	67	7890	22.16	70600	2.3		
	75	7040	19.77	69400	2.4		
	88	6000	16.85	67600	3.0		1430
	40	13300	37.28	50600	0.90		
	47	11200	31.33	51400	1.10		
	58	9010	25.30	51600	1.35		
	69	7610	21.38	51300	1.60		
	78	6720	18.87	50800	1.65		
	90	5820	16.36	50100	1.90		
	101	5180	14.55	49400	2.1		
	118	4470	12.54	48400	2.2		
	145	3630	10.19	46800	2.6		
75	166	3160	8.86	45100	2.2		1060
	187	2810	7.88	44200	2.1		
	217	2420	6.80	42900	2.9		
	267	1970	5.52	41100	3.0		
	315	1670	4.68	39600	3.6		
	32	22500	46.48	62900	0.80		1440
	37	19400	40.06	64400	0.95		
	45	15800	32.55	65400	1.15		
	54	13400	27.60	65500	1.35		
	52	13800	28.60	65500	1.25		
	58	12300	25.43	65400	1.20		
	67	10700	22.16	64900	1.70		
	75	9570	19.77	64300	1.80		
	88	8150	16.85	63200	2.2		
	106	6760	13.96	61600	2.5		
	124	5770	11.92	60100	2.8		1585
	58	12200	25.30	44000	1.00		
	PK						
	PFK						
	P						
	PF						
	PK						
	PFK						
	P						
	PF						

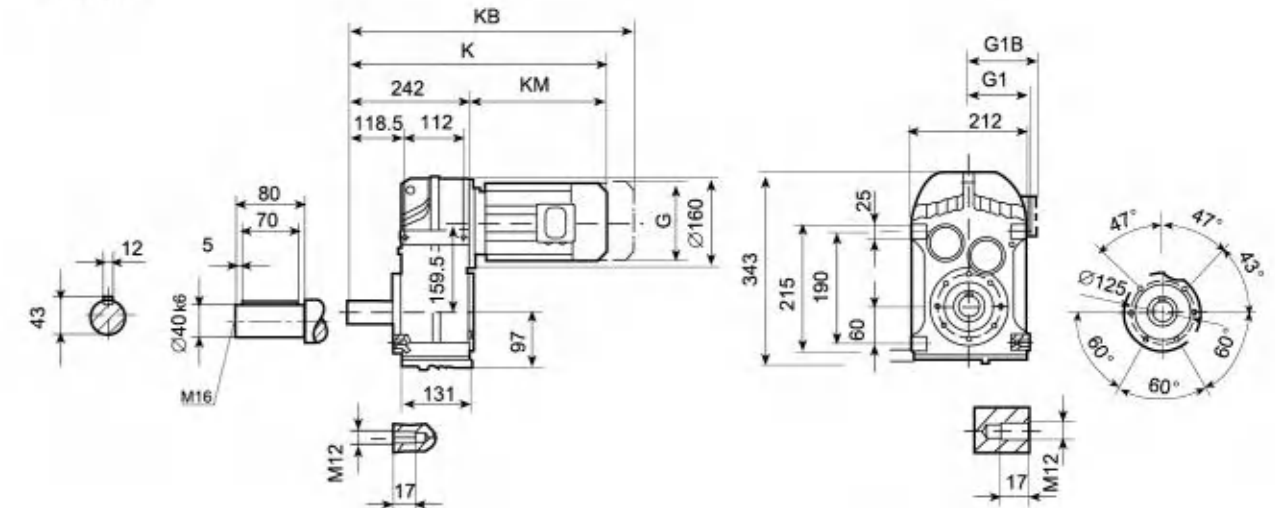
P _m [KW]	n _a [1/min]	M _a [Nm]	i	F _{Rs} [N]	f _s		m [Kg]
75	69	10300	21.38	44800	1.15		1130
	78	9130	18.87	45100	1.20		
	90	7920	16.36	45200	1.40		
	102	7040	14.55	45000	1.55		
	118	6070	12.54	44600	1.65		
	145	4930	10.19	43700	1.95		
	167	4290	8.86	42200	1.65		
	188	3810	7.88	41600	1.55		
	218	3290	6.80	40700	2.1		
	268	2670	5.52	39300	2.2		
	316	2270	4.68	38100	2.7		
90	45	18900	32.55	59100	0.95		
	54	16000	27.60	60200	1.10		
	52	16600	28.60	60000	1.00		
	58	14800	25.43	60400	1.00		
	67	12900	22.16	60600	1.40		
	75	11500	19.77	60500	1.50		
	88	9790	16.85	59900	1.85		
	106	8110	13.96	58900	2.1		
	124	6920	11.92	57800	2.3		
	58	14700	25.30	33100	0.80		
	69	12400	21.38	38800	0.95		
	78	11000	18.87	40900	1.00		
	90	9500	16.36	41500	1.15		
	102	8450	14.55	41700	1.30		
110	118	7280	12.54	41800	1.35		
	145	5920	10.19	41400	1.60		
	167	5150	8.86	40100	1.35		
	188	4580	7.88	39700	1.30		
	218	3950	6.80	39000	1.75		
	268	3210	5.52	37900	1.85		
	316	2720	4.68	36900	2.2		
	54	19500	27.60	53100	0.90		
	67	15700	22.16	54900	1.15		
	75	14000	19.77	55400	1.20		
	88	11900	16.85	55600	1.50		
	106	9880	13.96	55300	1.70		
	125	8430	11.92	54700	1.90		
	67	18800	22.16	48700	0.95		
	75	16800	19.77	49800	1.00		
132	88	14300	16.85	50900	1.25		
	106	11900	13.96	51400	1.45		
	125	10100	11.92	51400	1.60		
	88	17300	16.85	44800	1.05		
	106	14400	13.96	46400	1.20		
	125	12300	11.92	47100	1.30		
	88	17300	16.85	44800	1.05		
	106	14400	13.96	46400	1.20		
	125	12300	11.92	47100	1.30		
	88	17300	16.85	44800	1.05		
	106	14400	13.96	46400	1.20		
	125	12300	11.92	47100	1.30		
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	106	14400	13.96	46400	1.20		
	125	12300	11.92	47100	1.30		



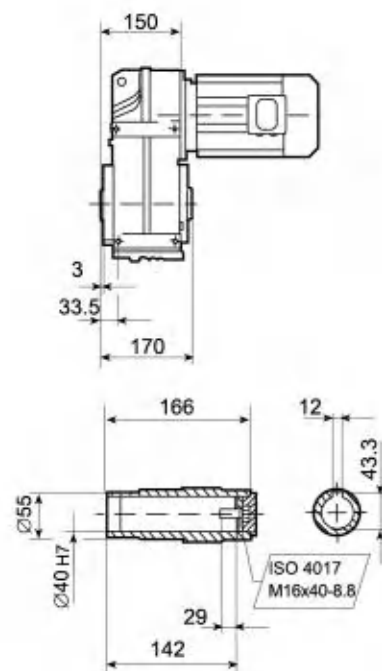
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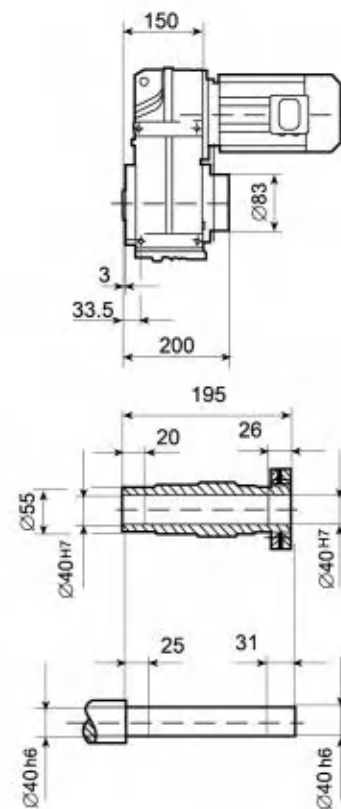
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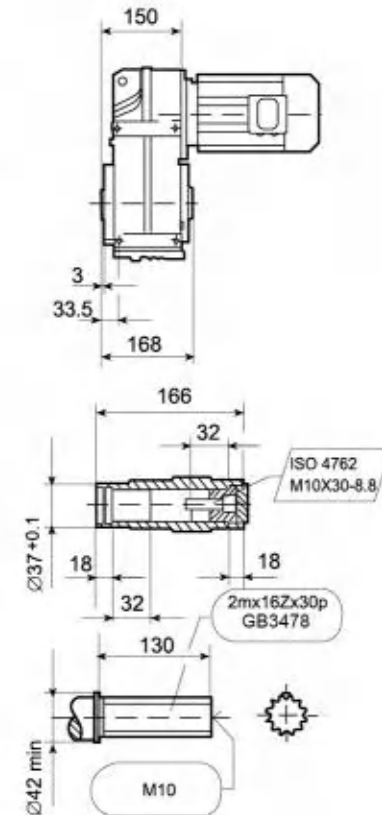
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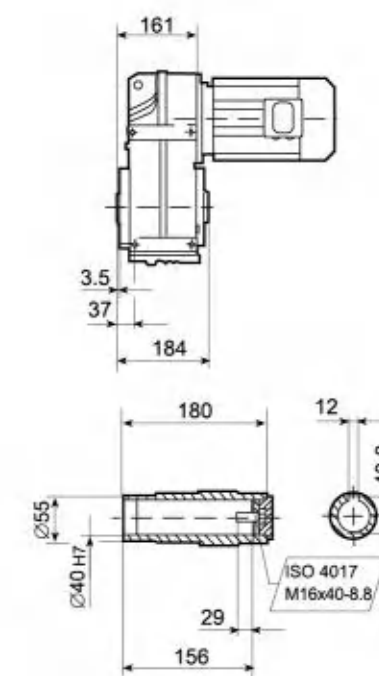
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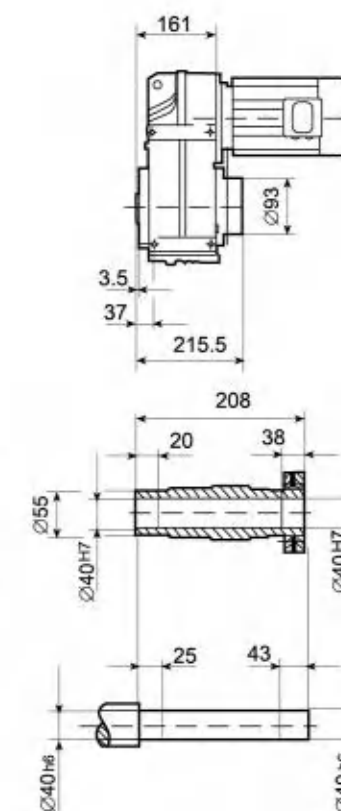
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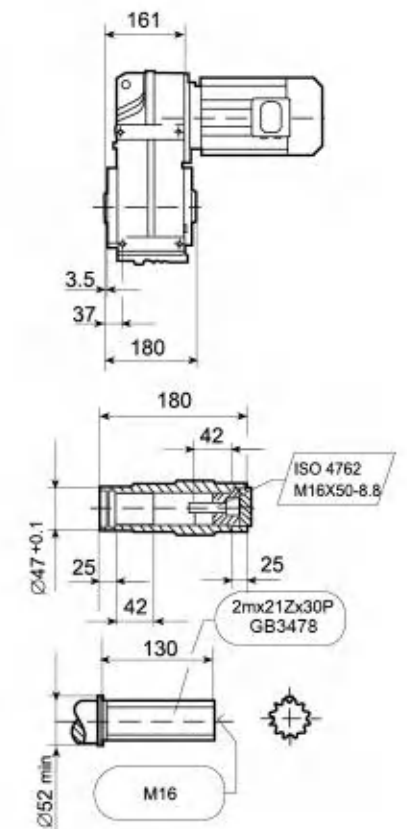
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PS06..

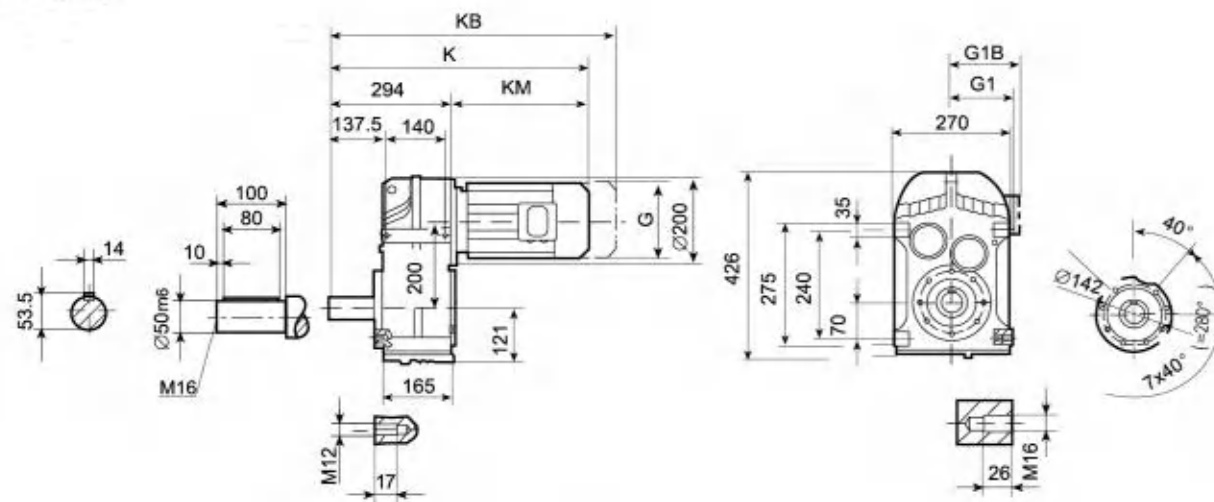


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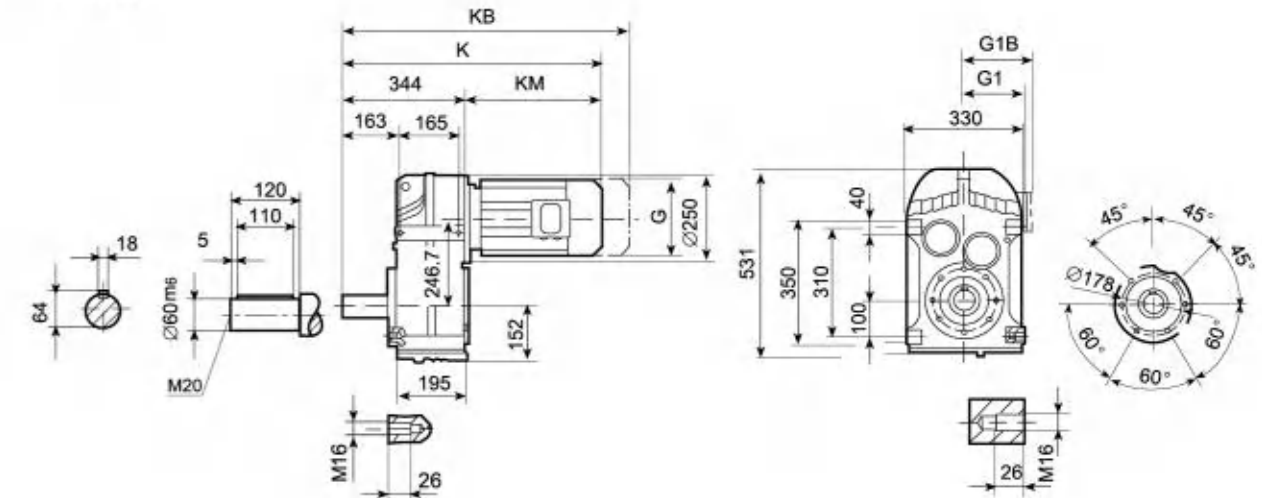




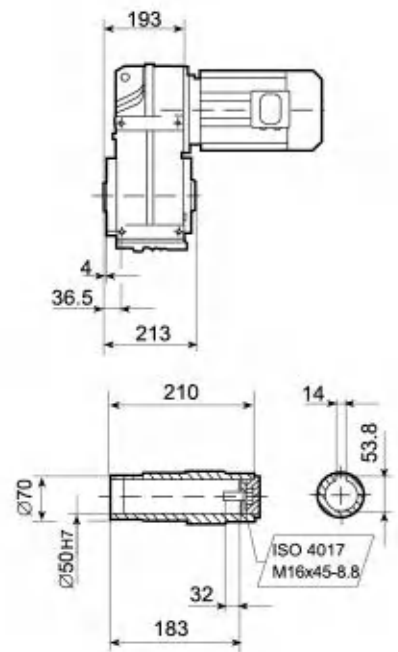
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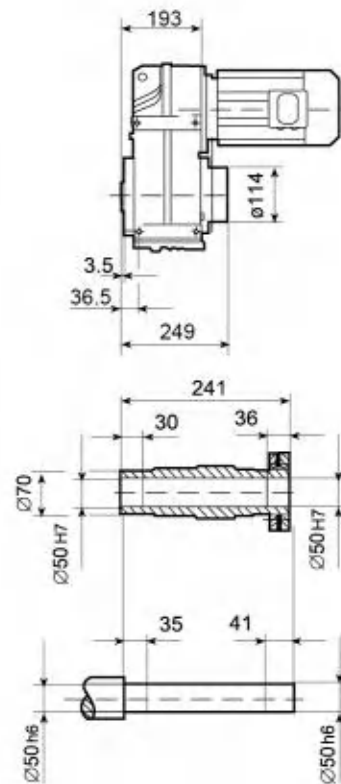
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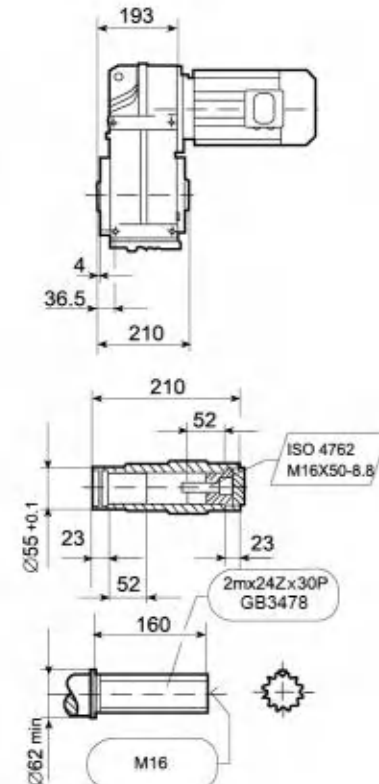
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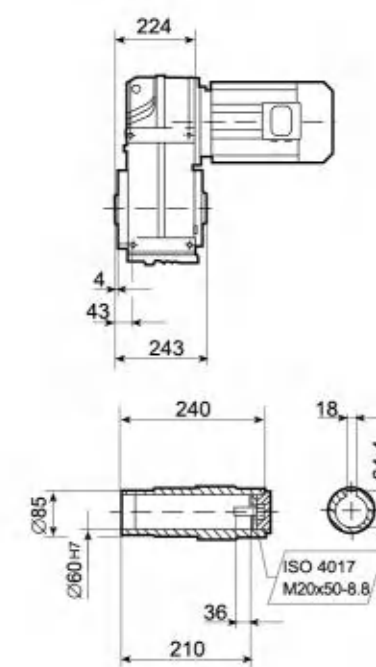
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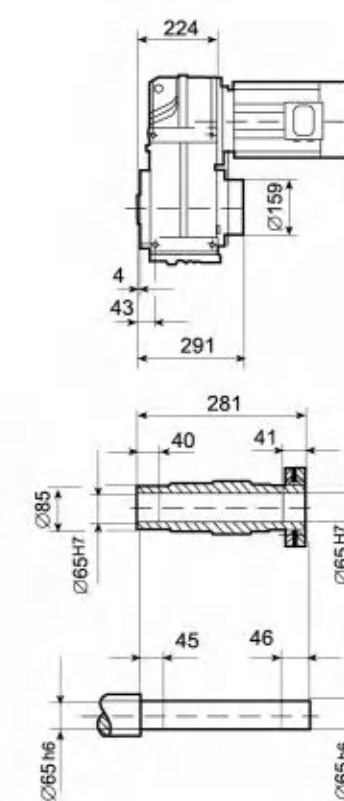
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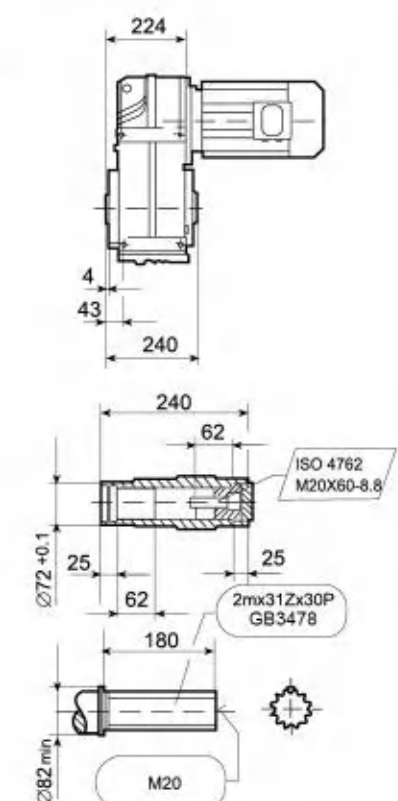
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PS08..

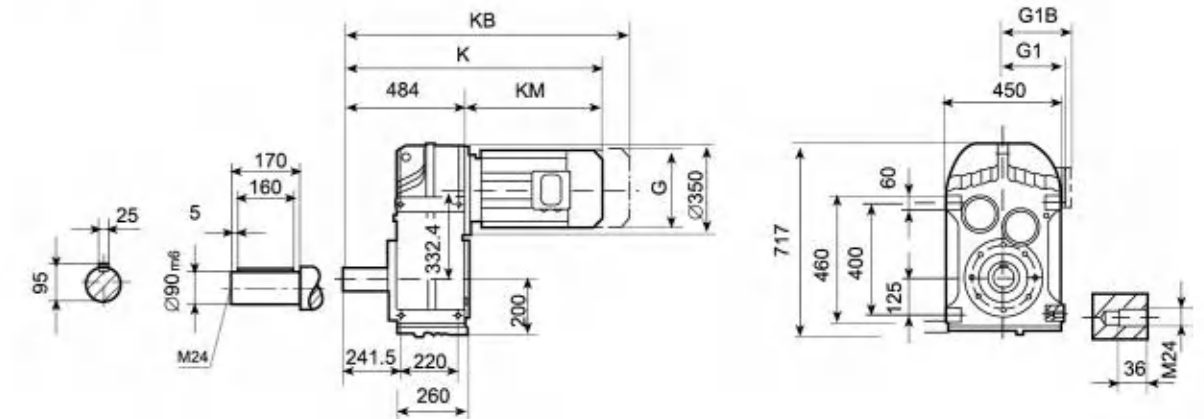
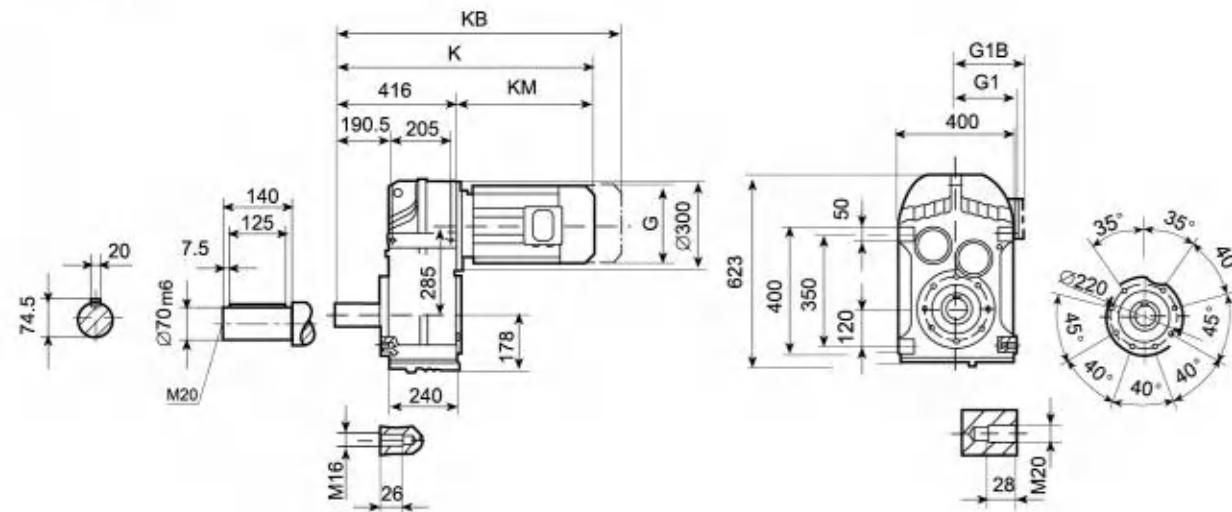


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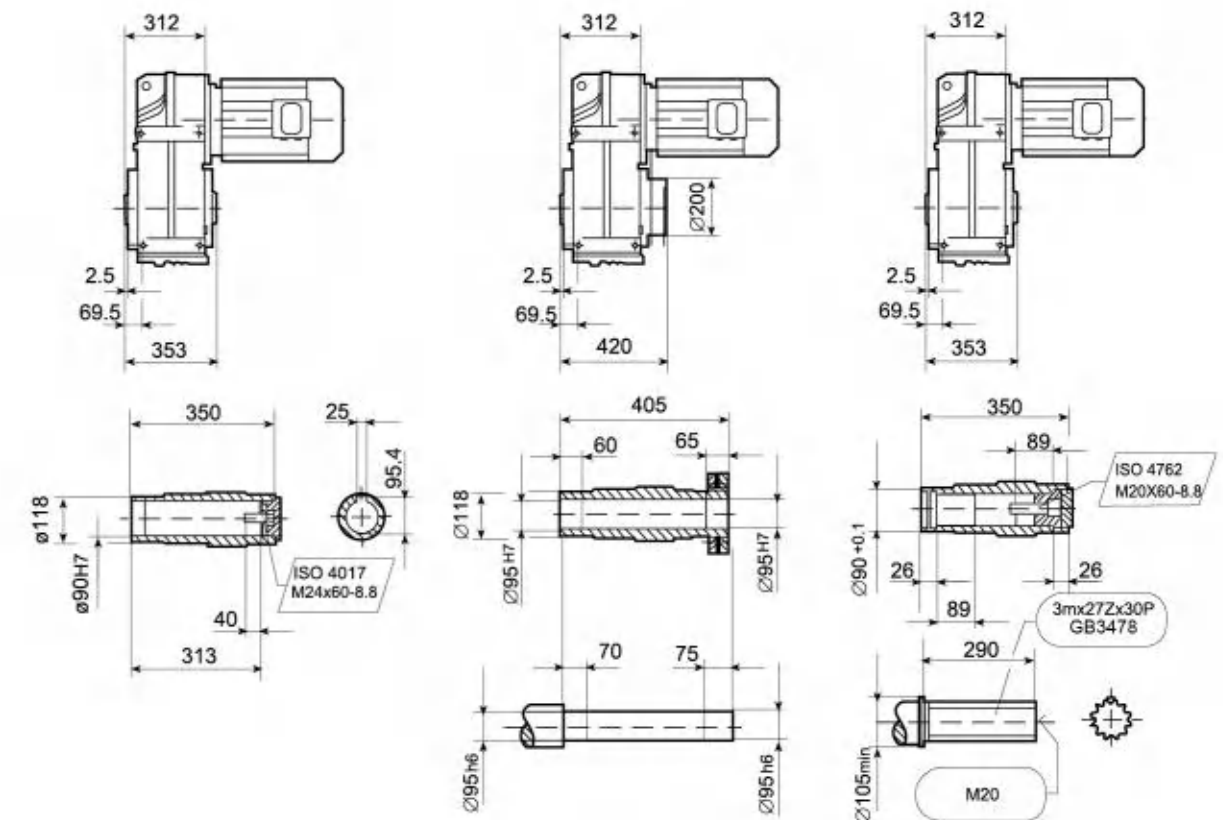
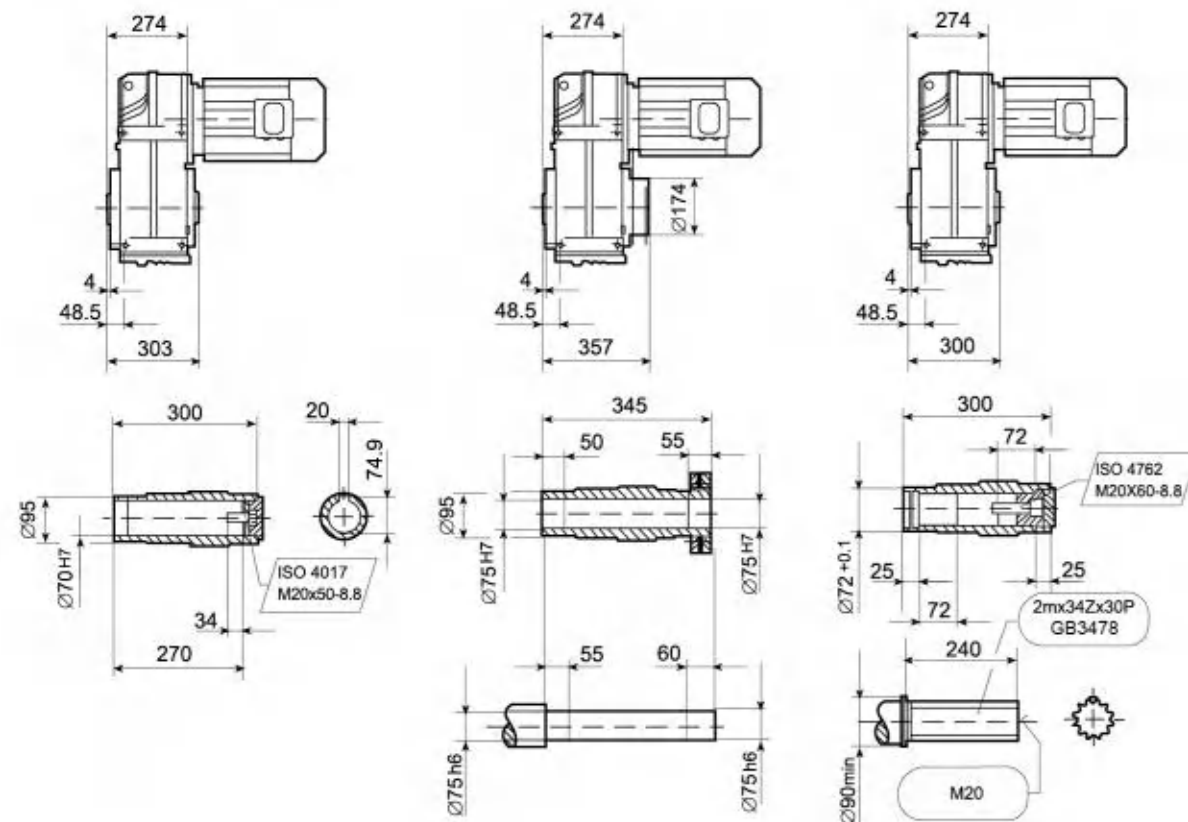




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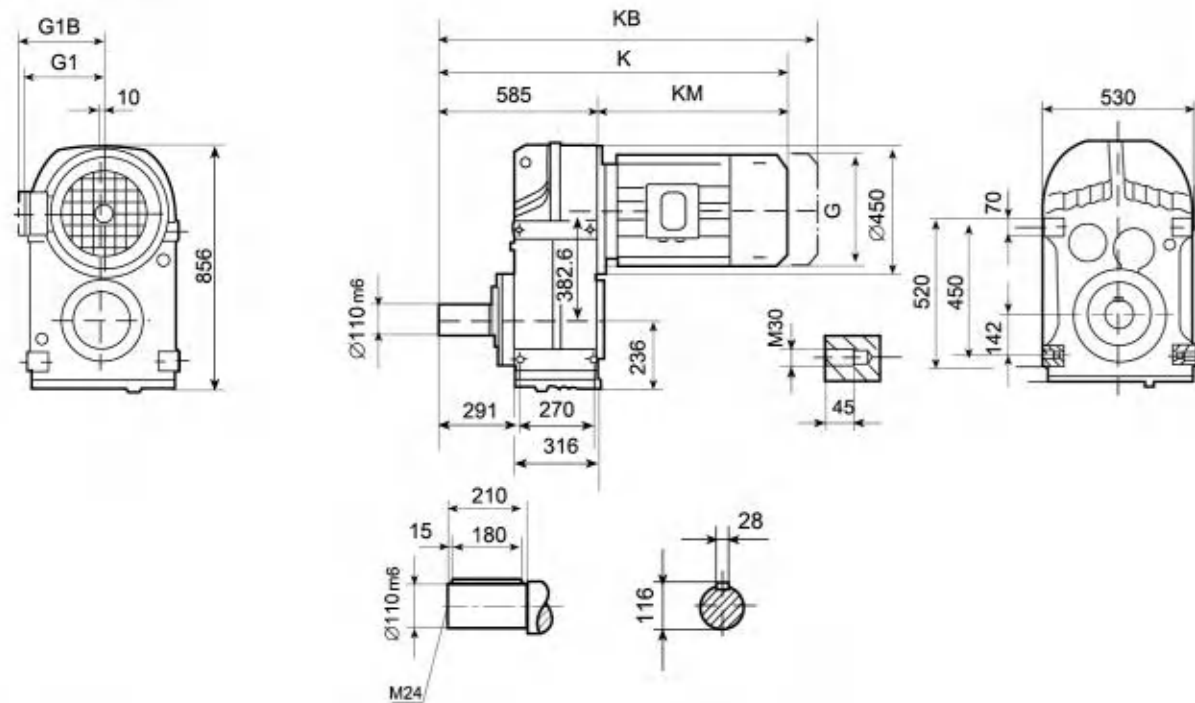


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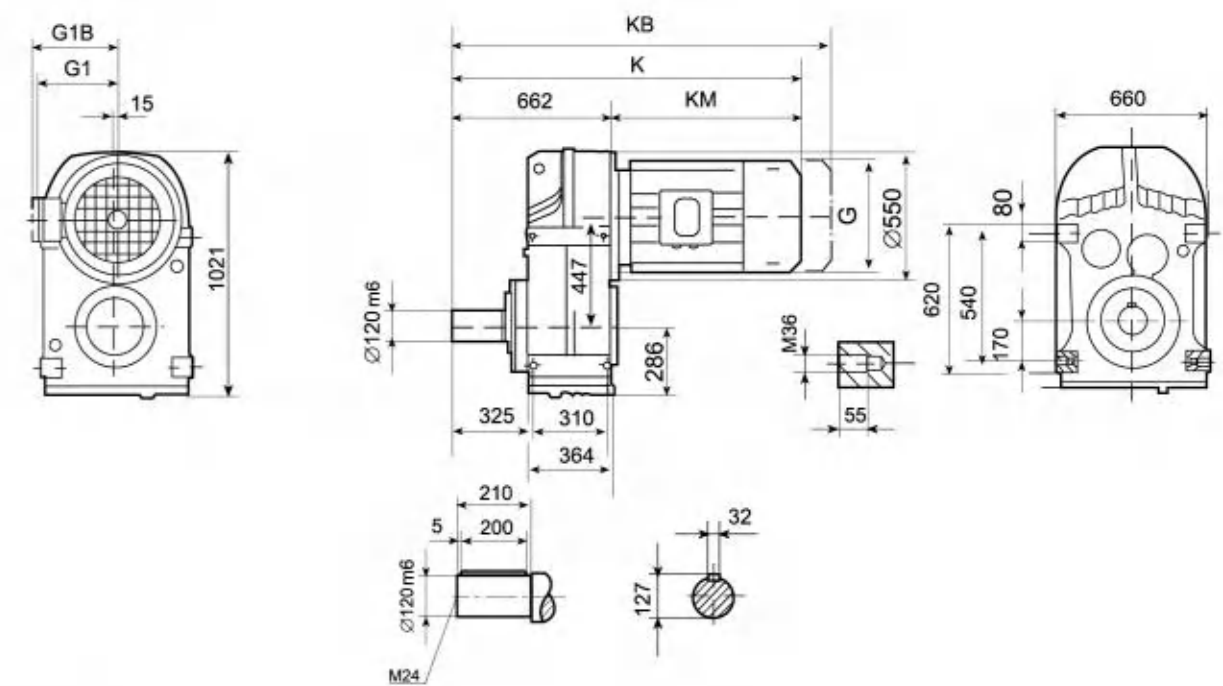




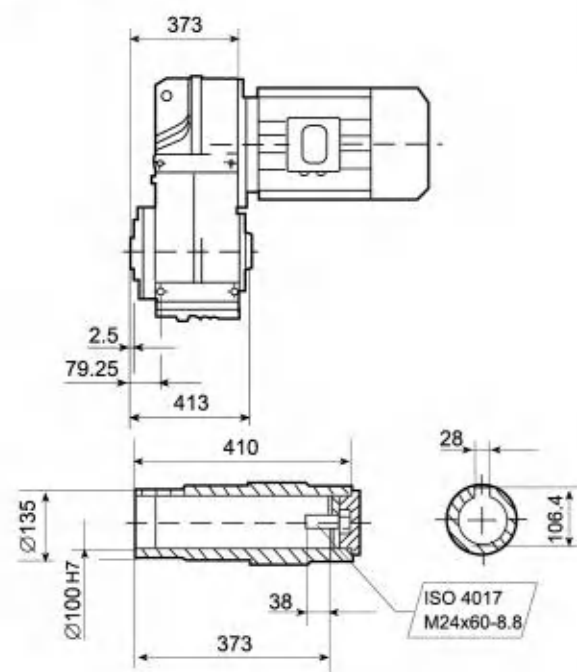
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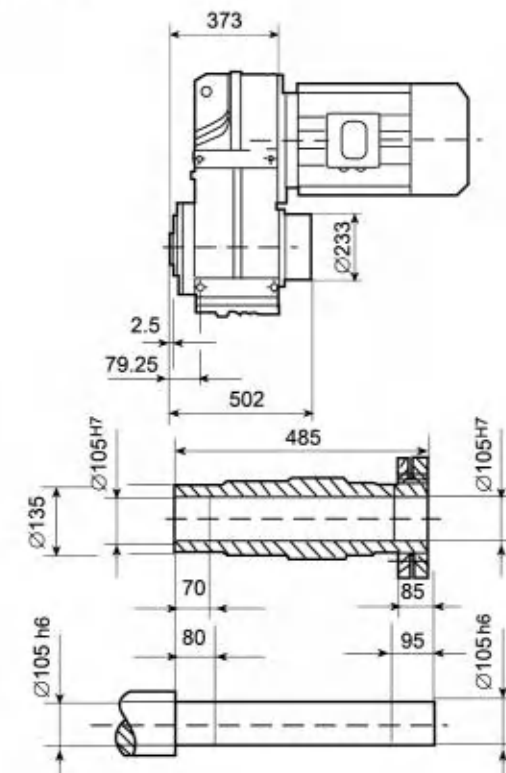
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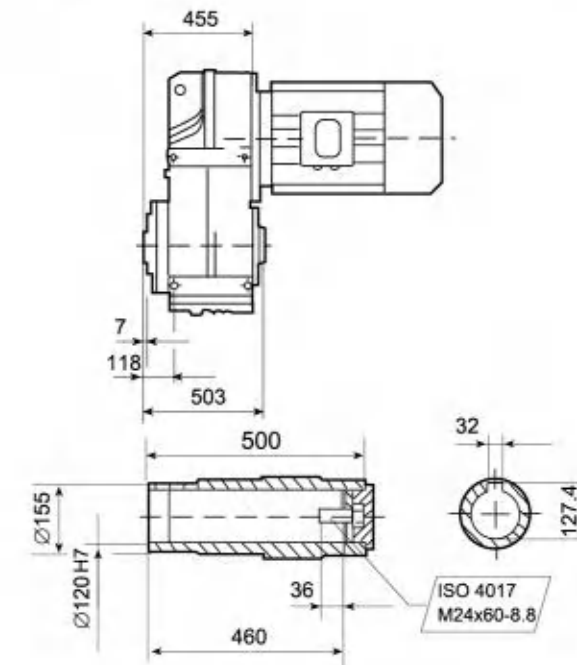
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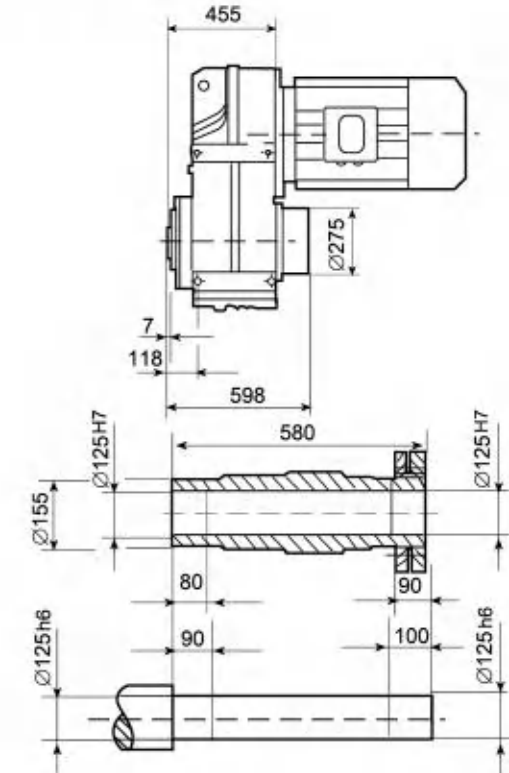
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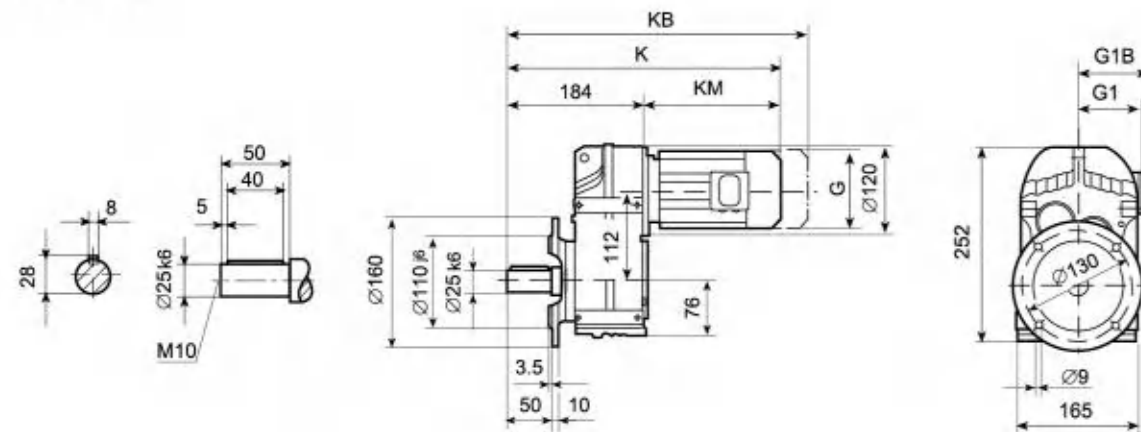
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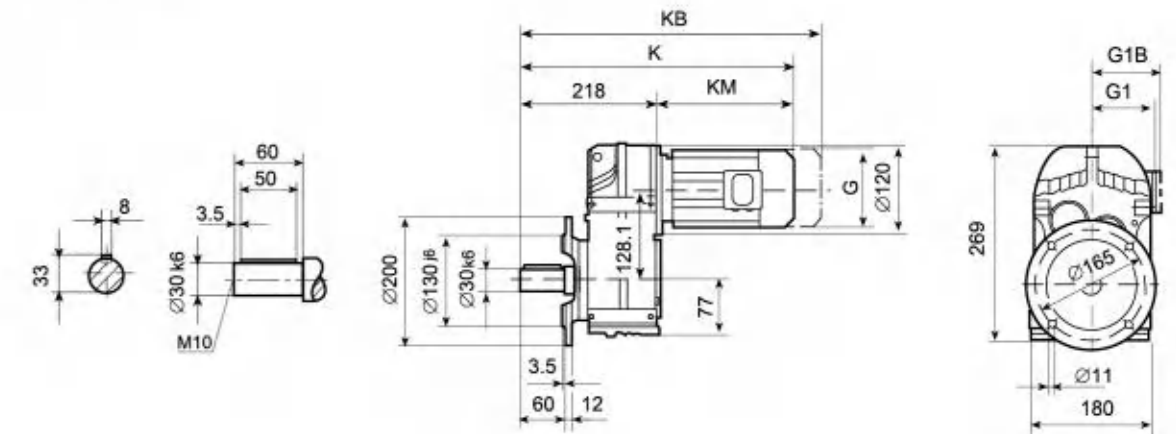


5.9 PF03-PF15 B5法兰安装外形尺寸图 PF03-PF15 Dimension of B5 flange-mounted

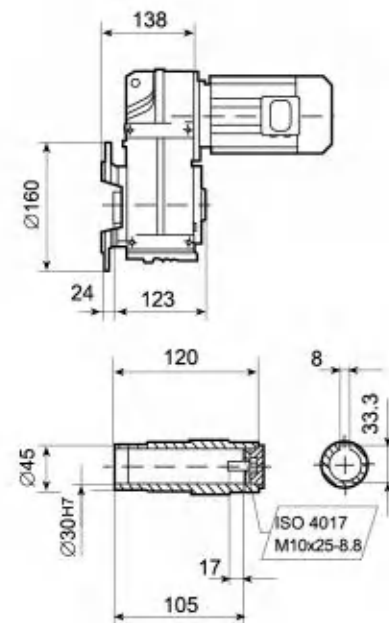
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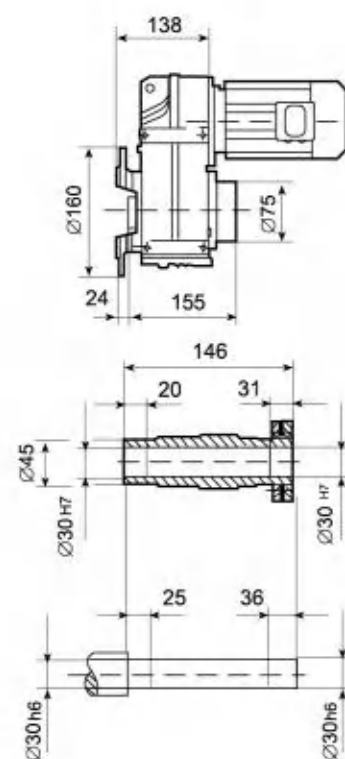
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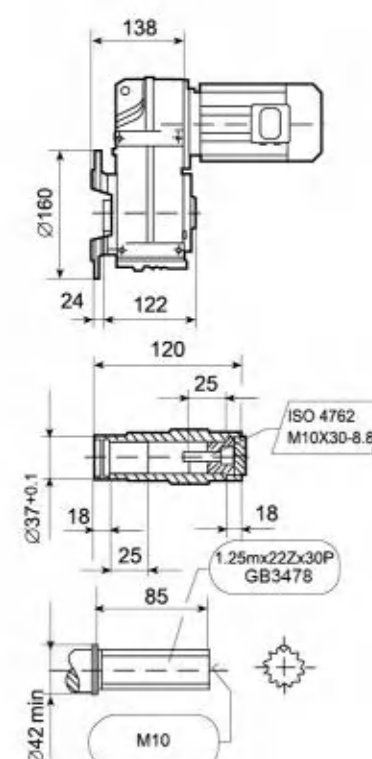
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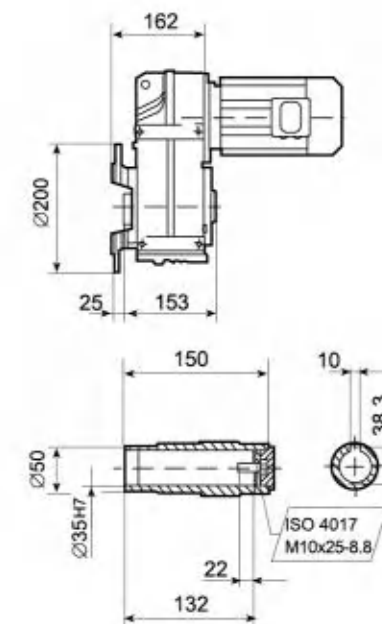
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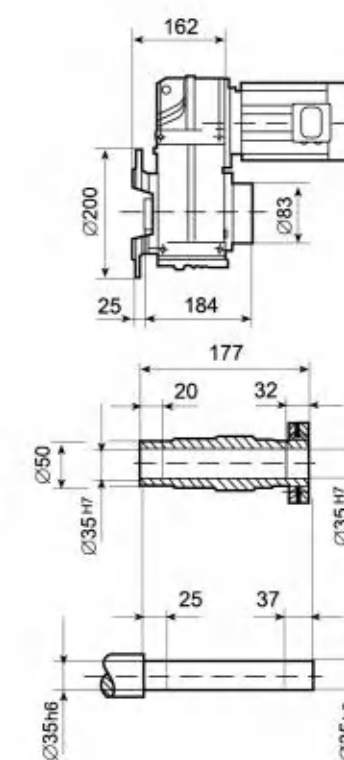
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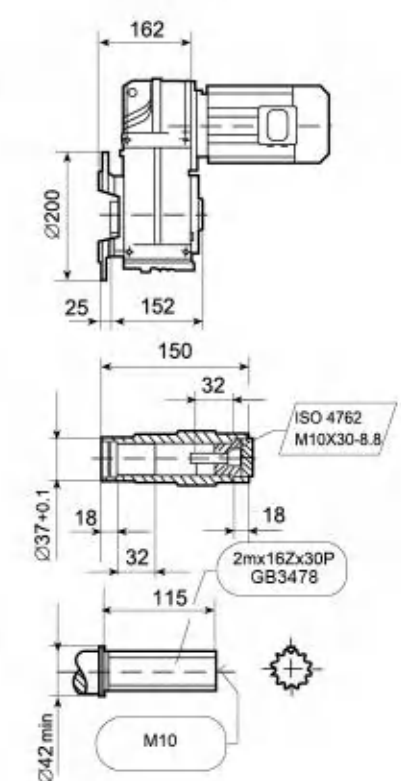
PFK04..



PFS04..

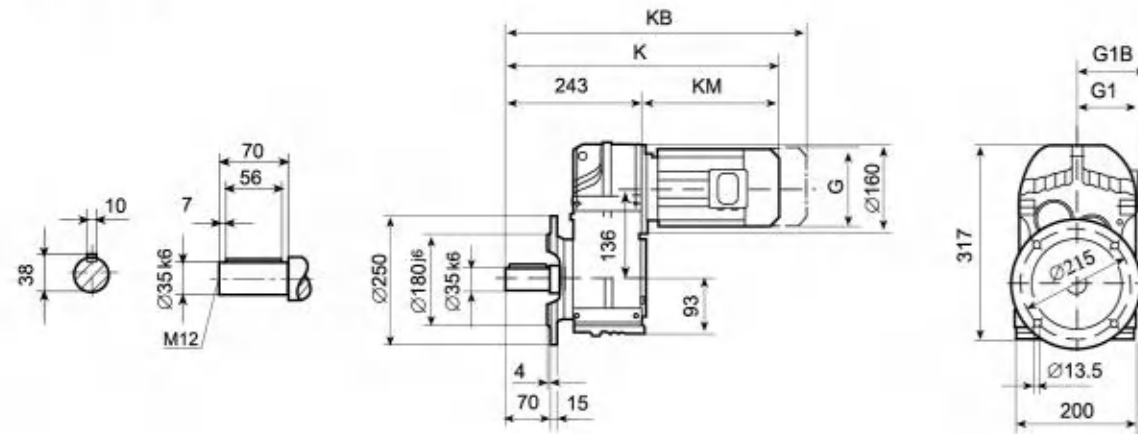


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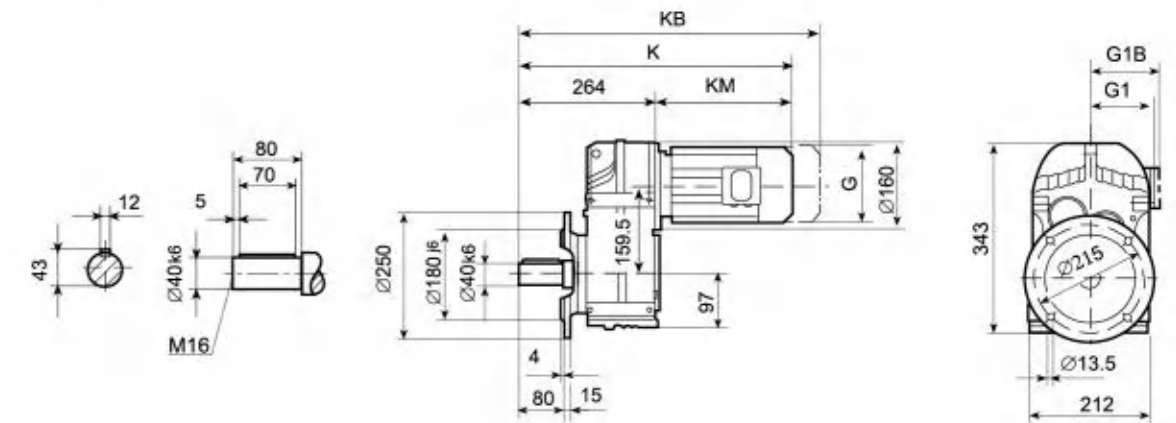




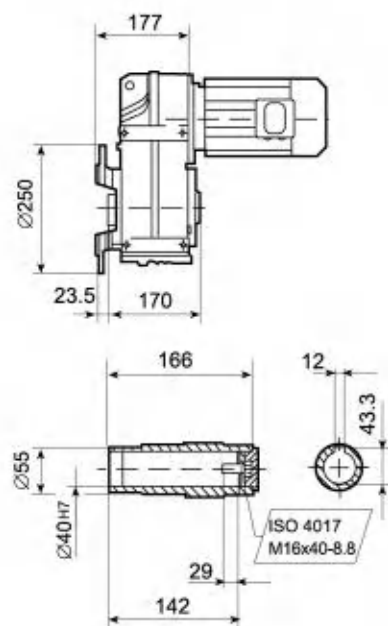
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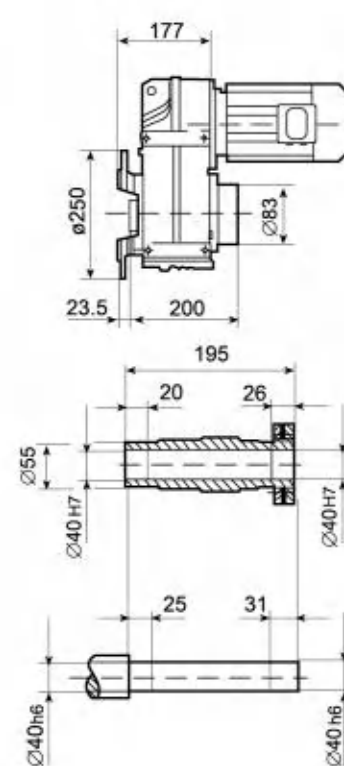
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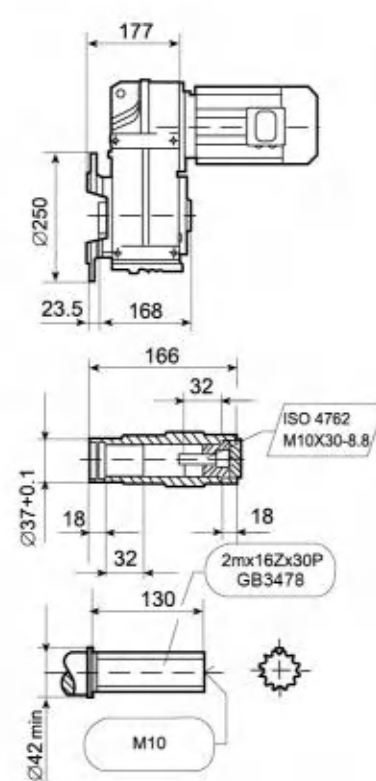
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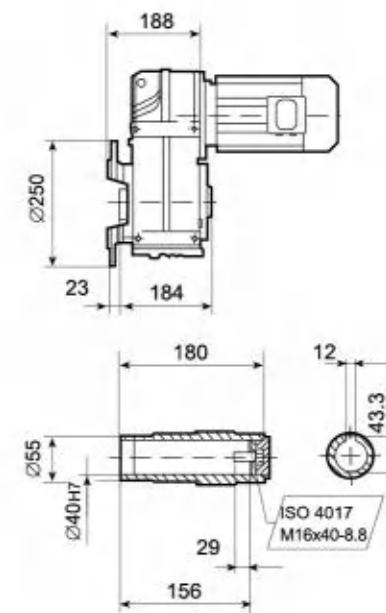
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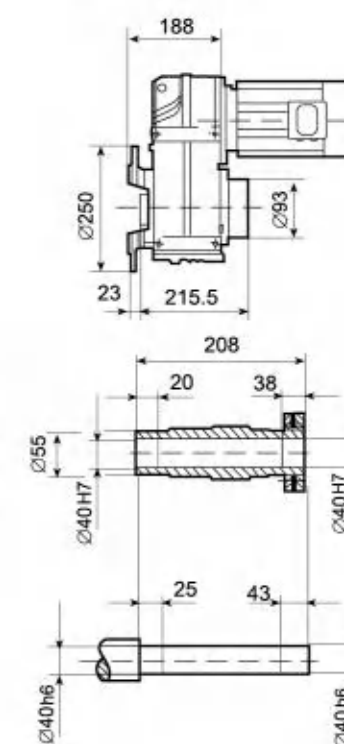
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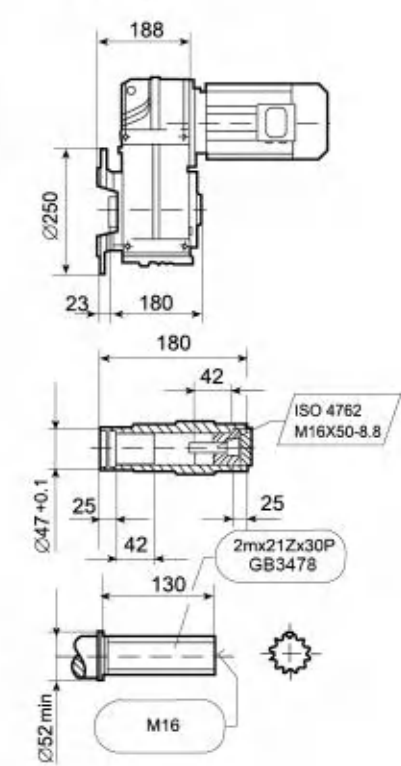
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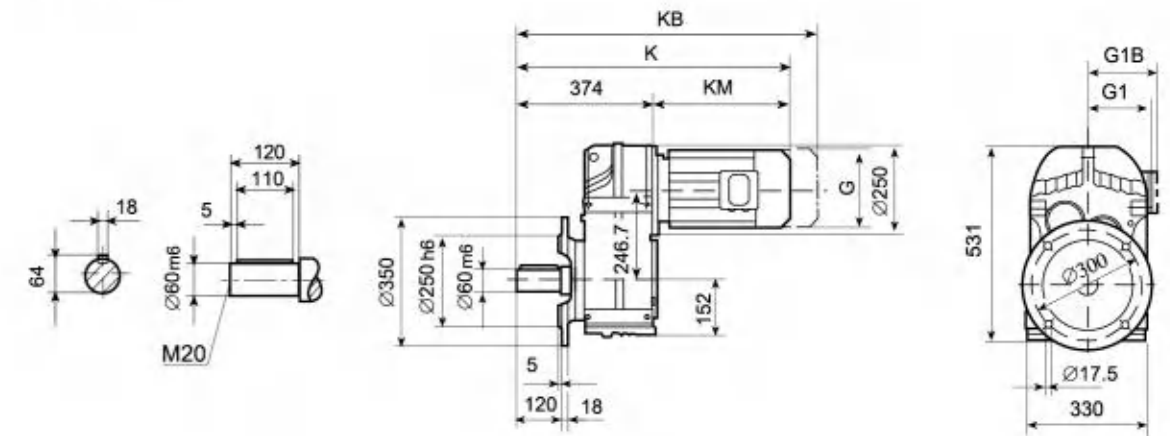
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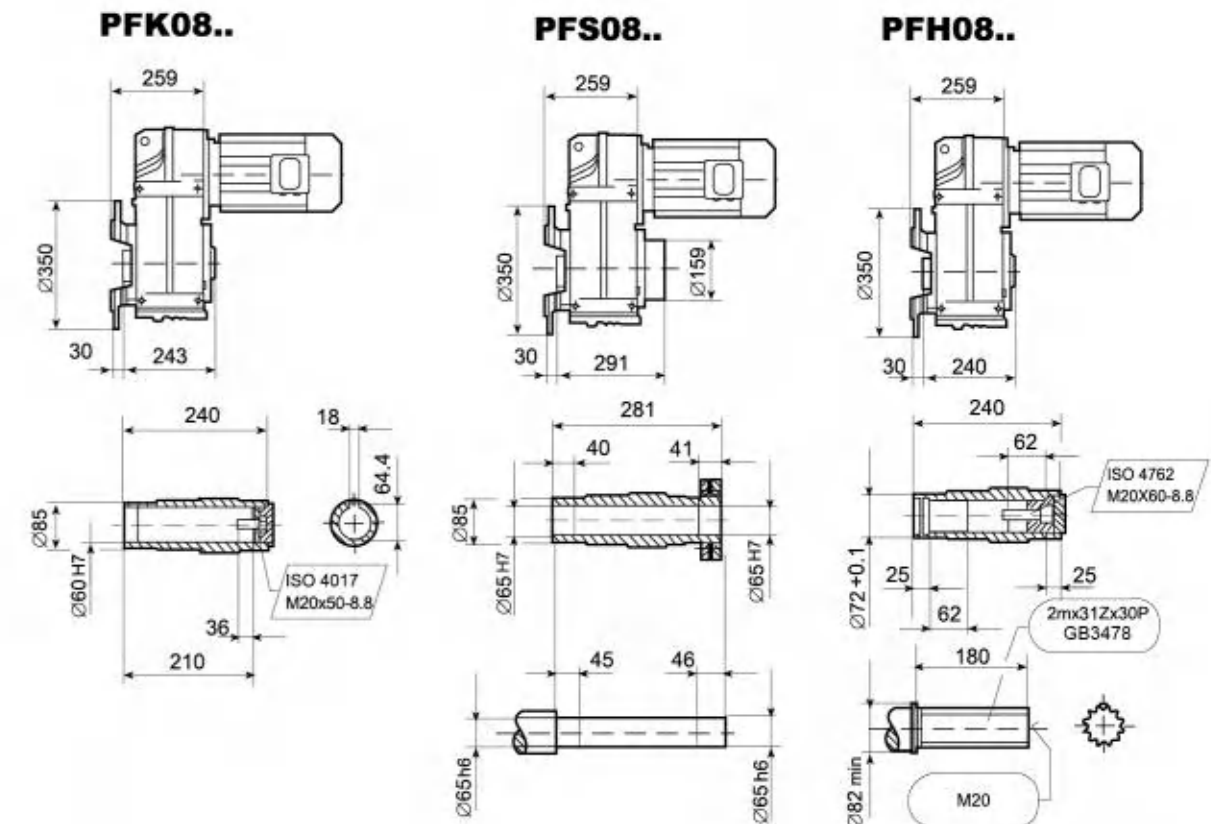
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PF08..

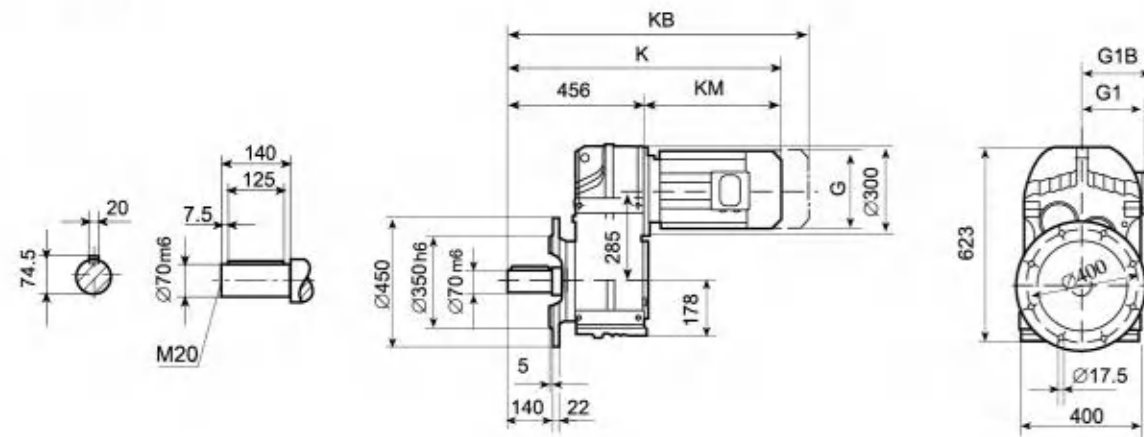


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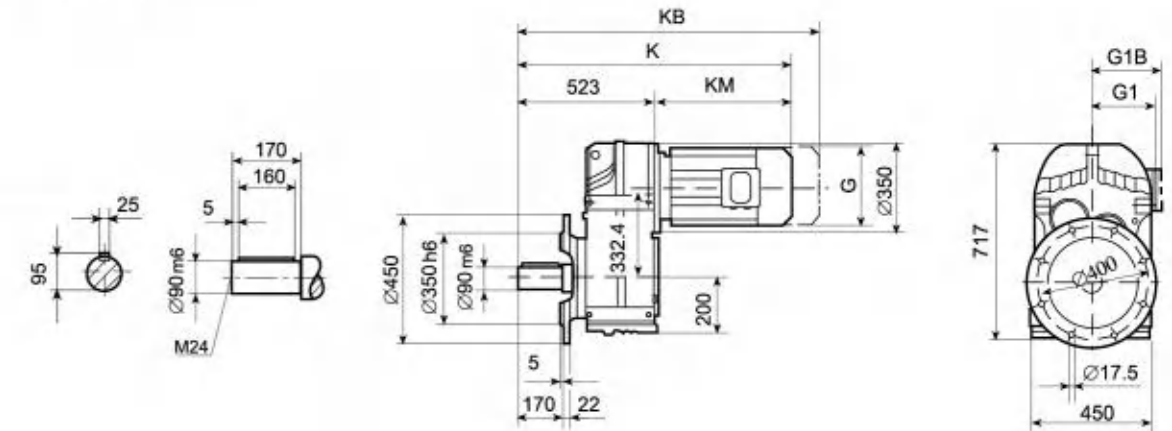




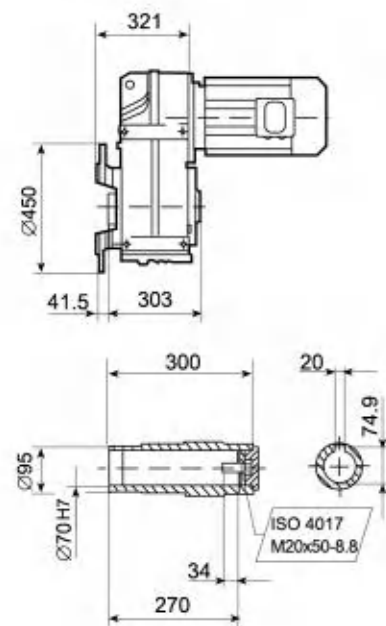
PF09..



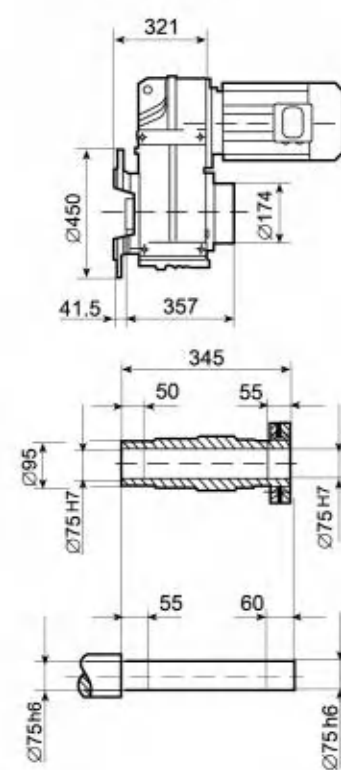
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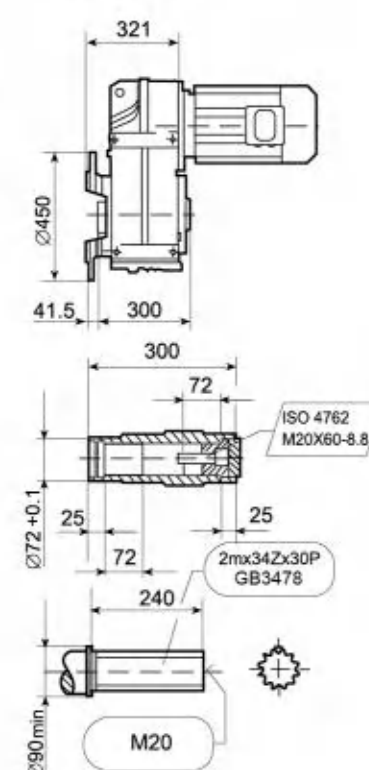
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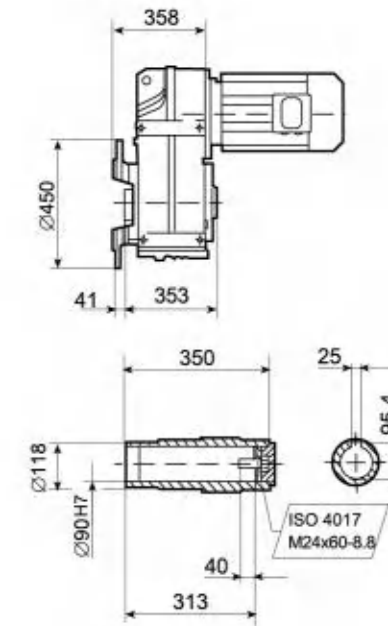
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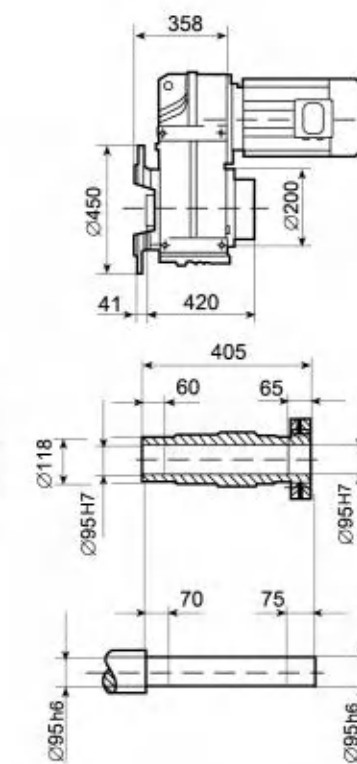
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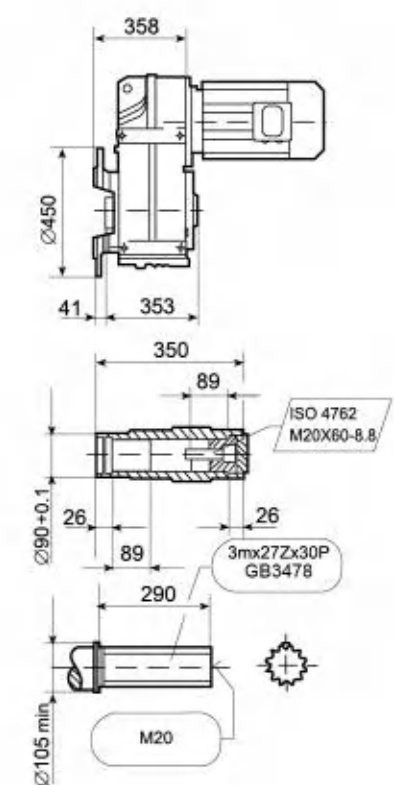
PFK10..



PFS10..

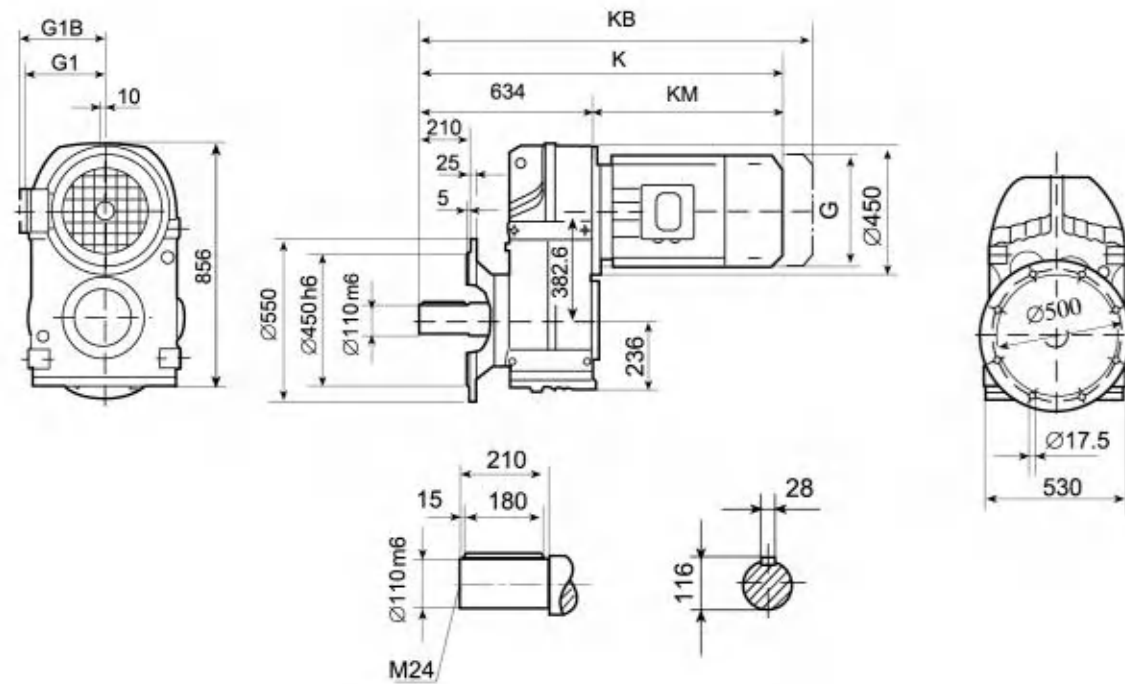


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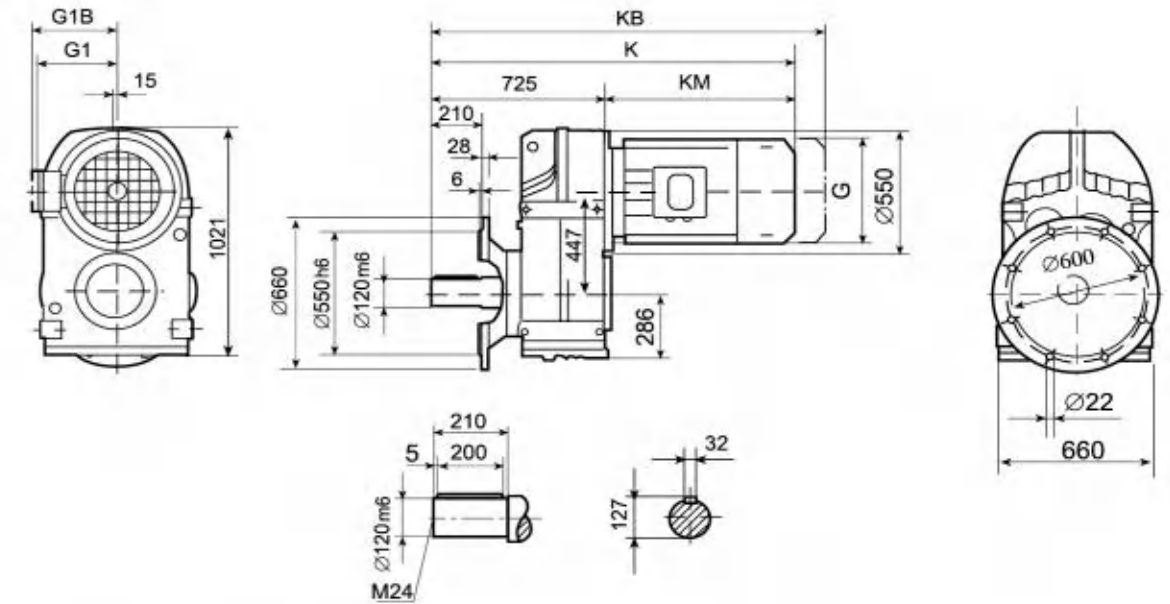




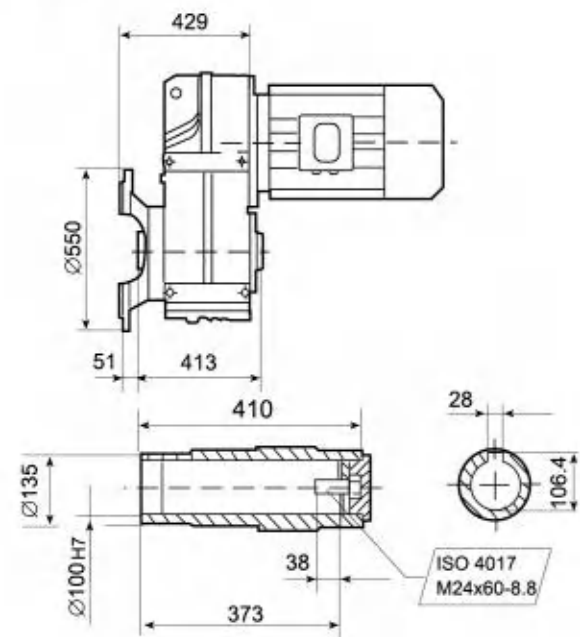
PF12..



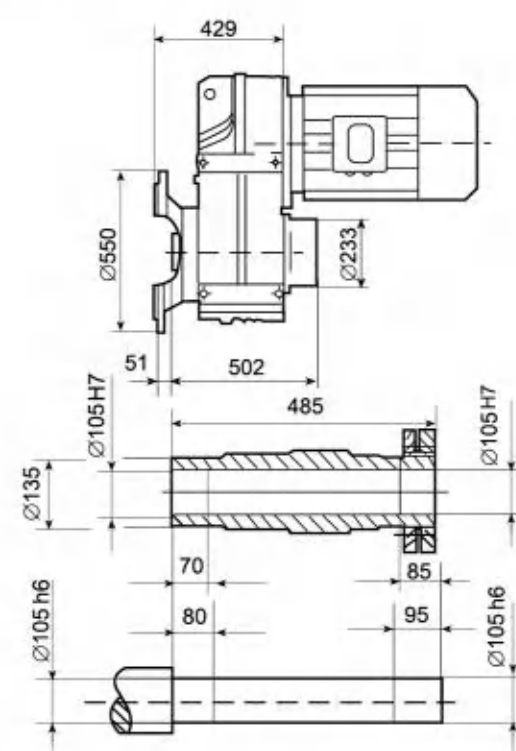
PF15..



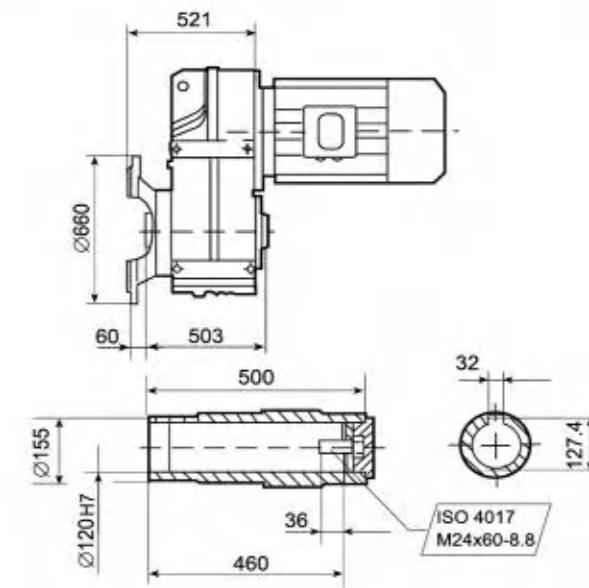
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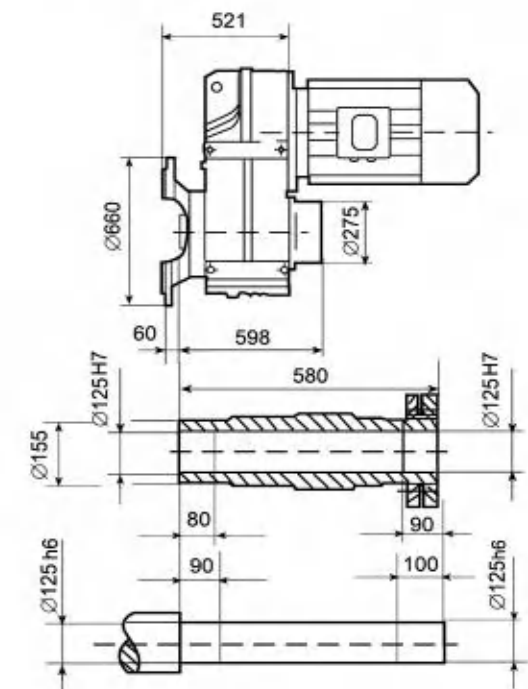
PFS12..



PFK15..



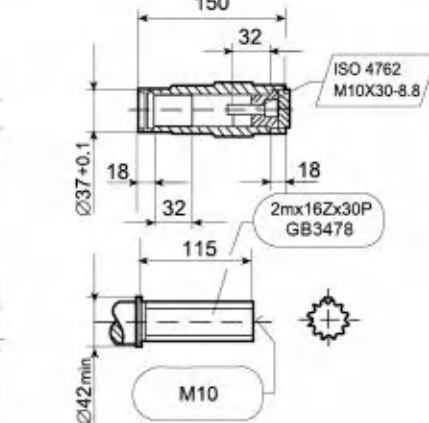
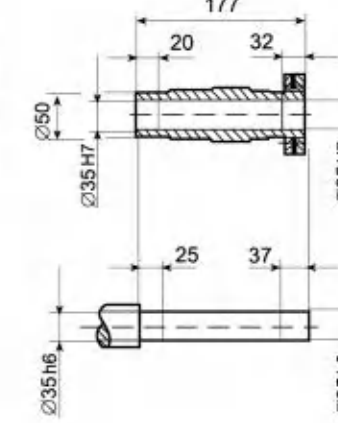
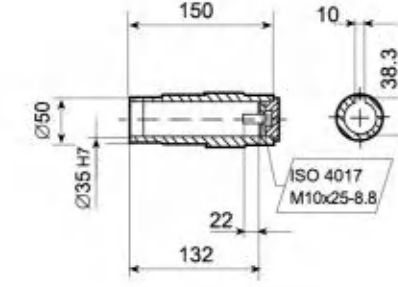
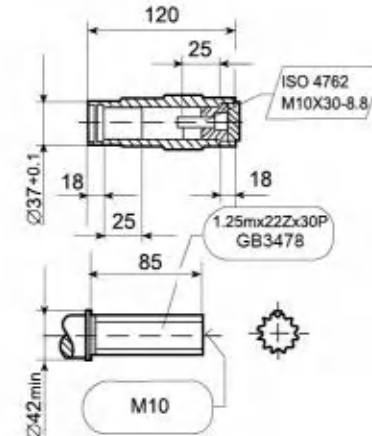
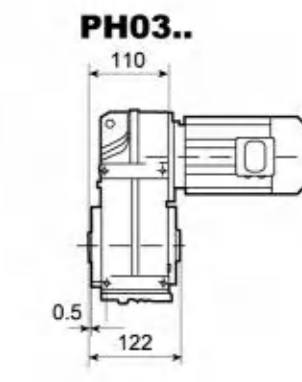
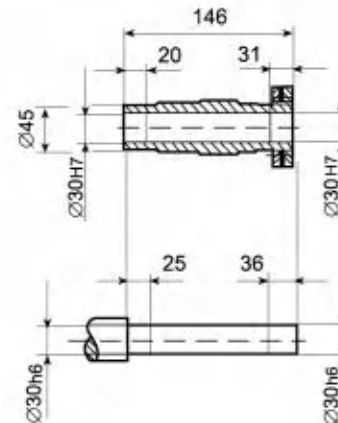
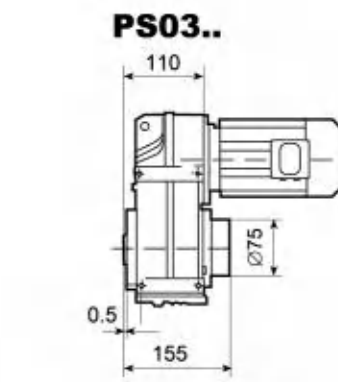
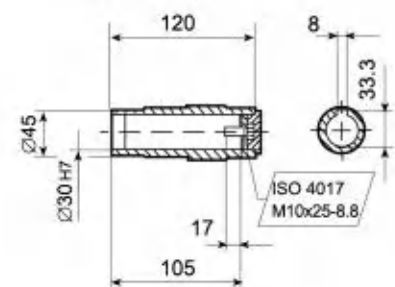
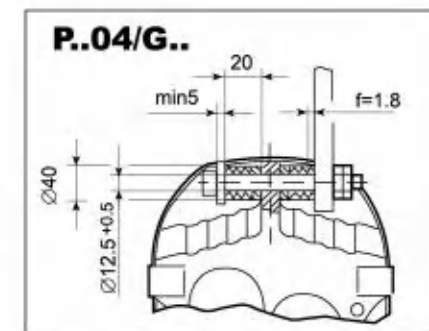
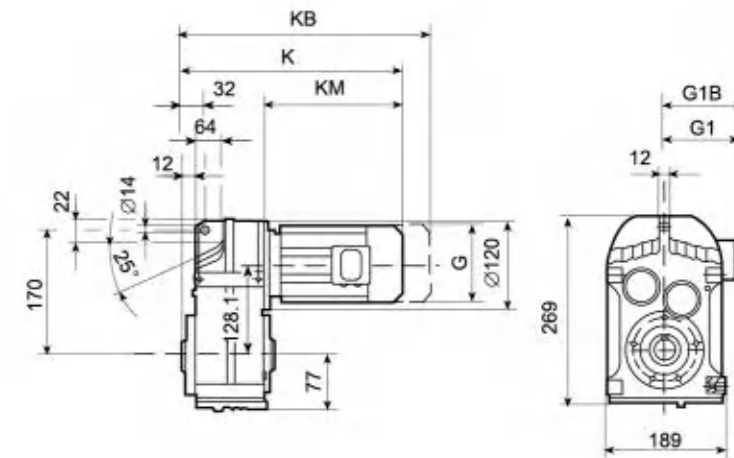
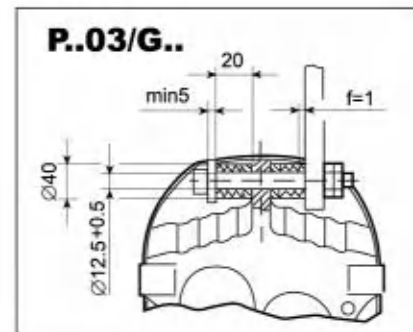
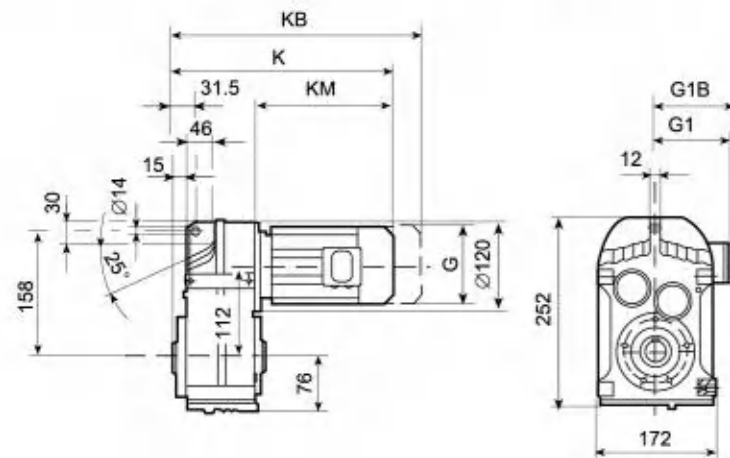
PFS15..





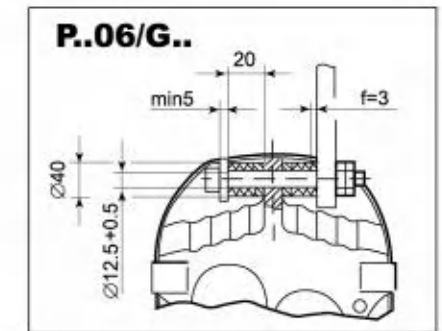
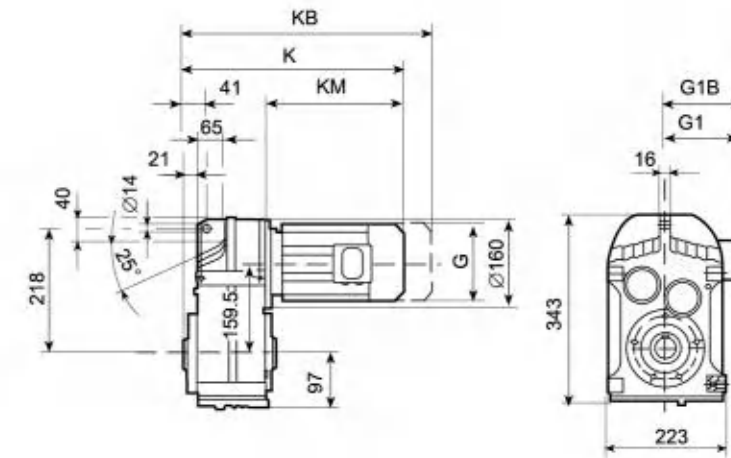
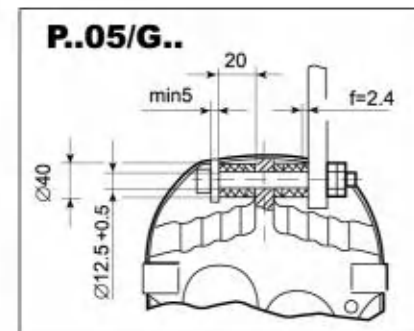
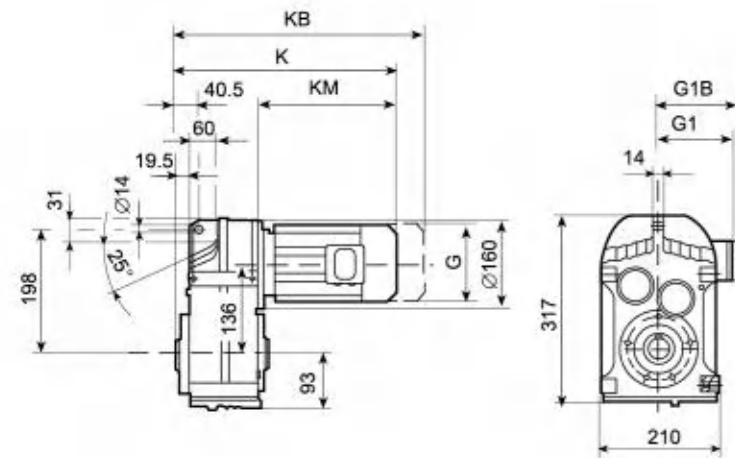
5.10 P..03/G-P..15/G力矩臂安装外形尺寸图

P..03/G-P..15/G Dimension of torque arm mounted

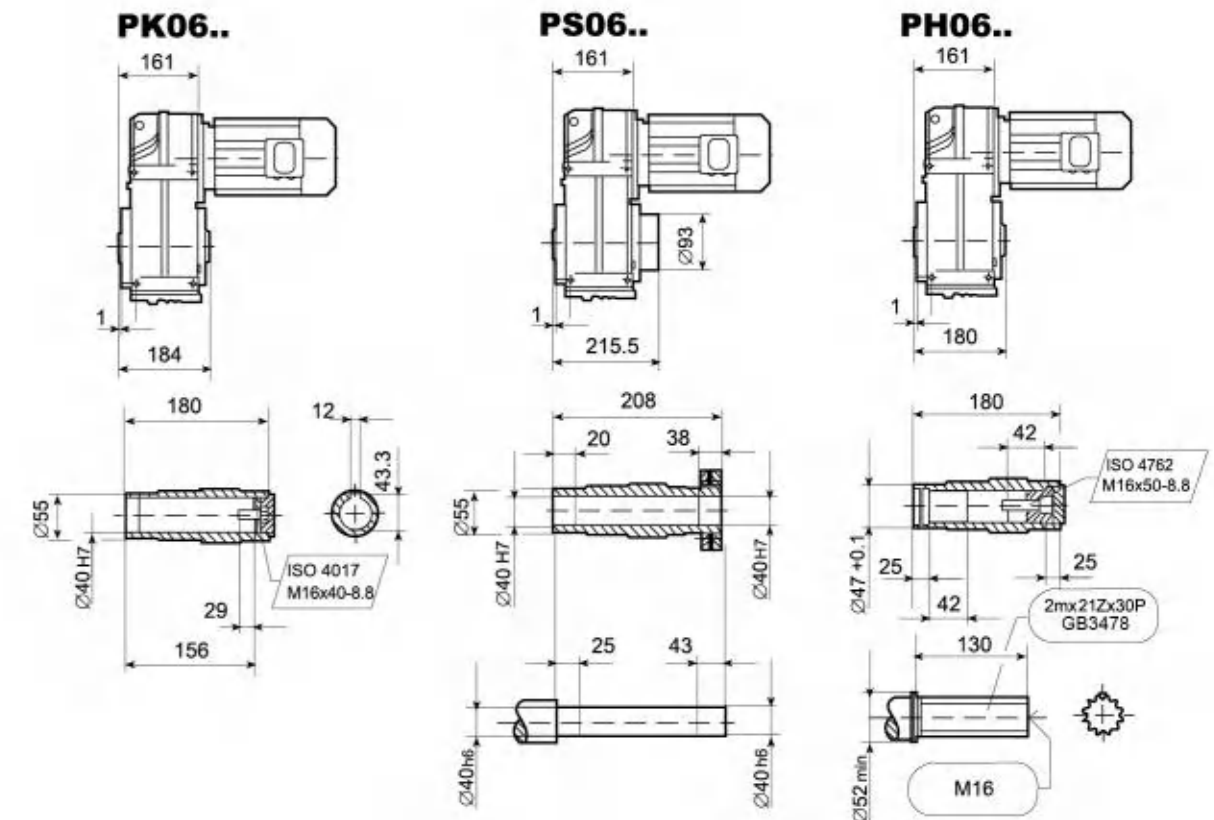
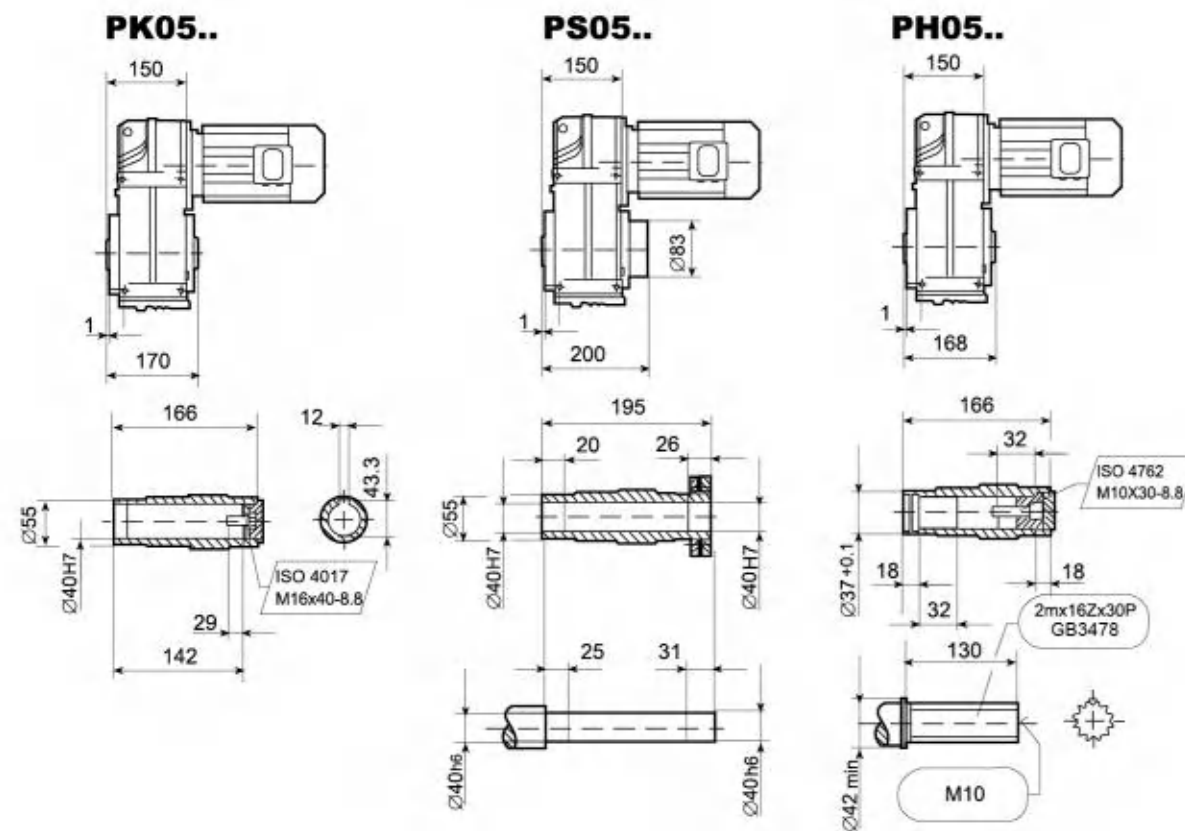




P 系列

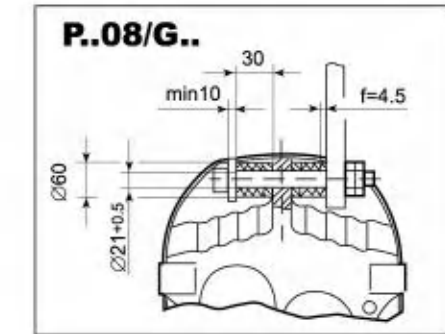
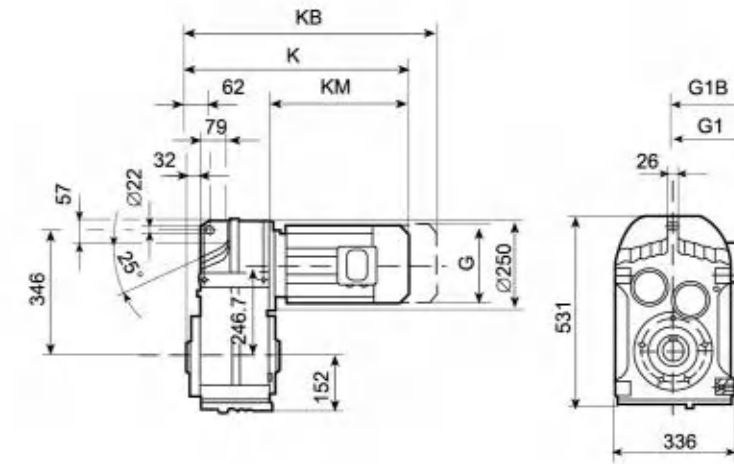
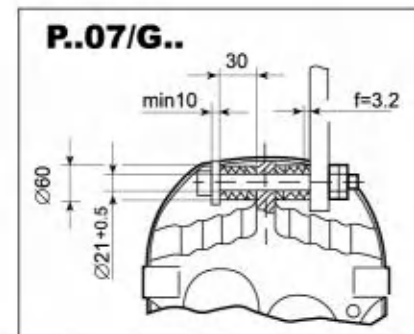
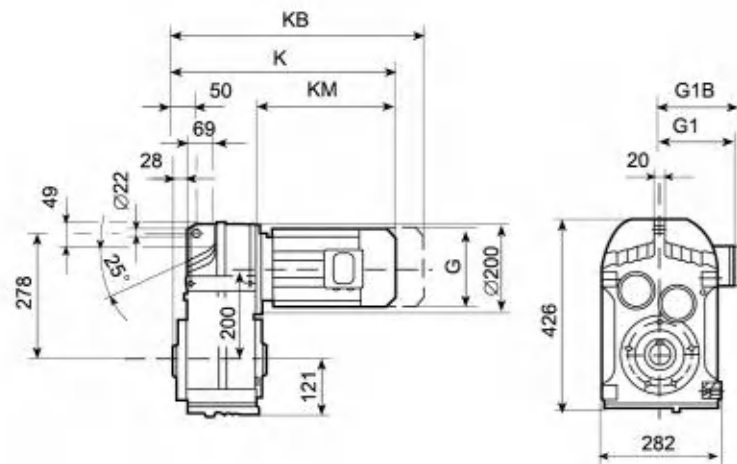


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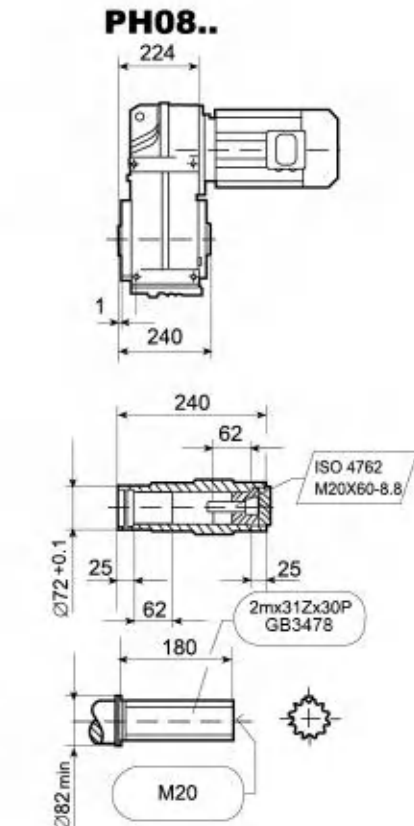
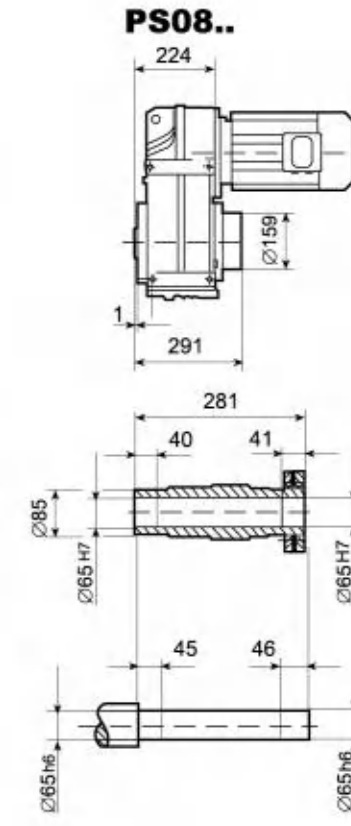
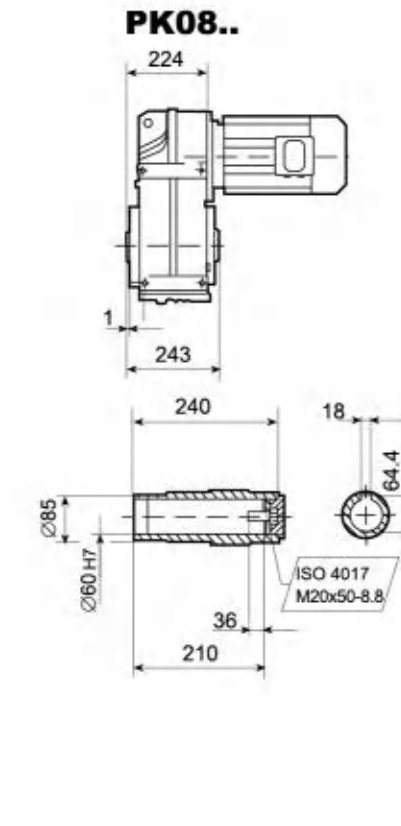
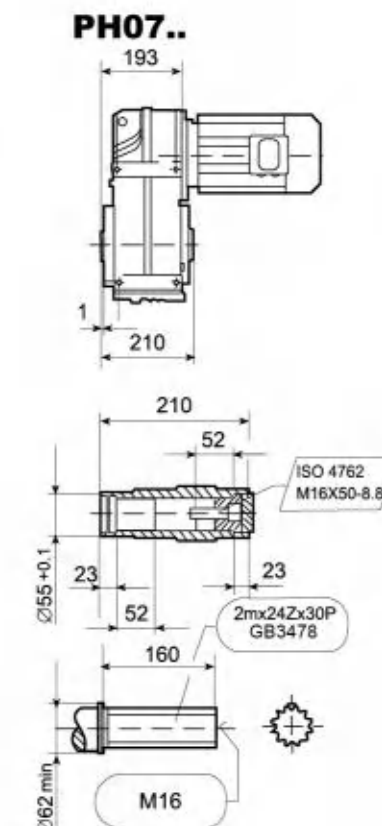
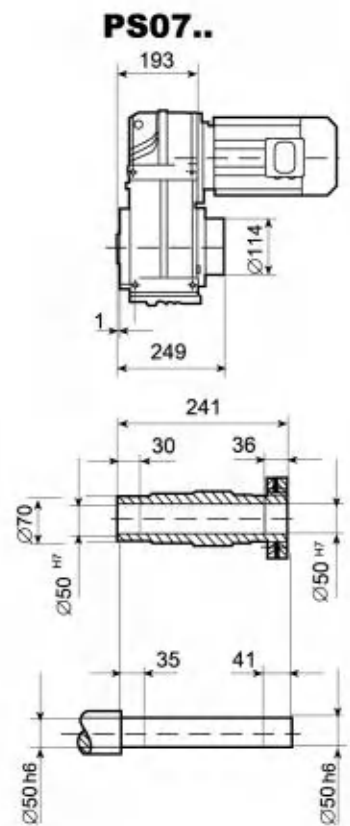
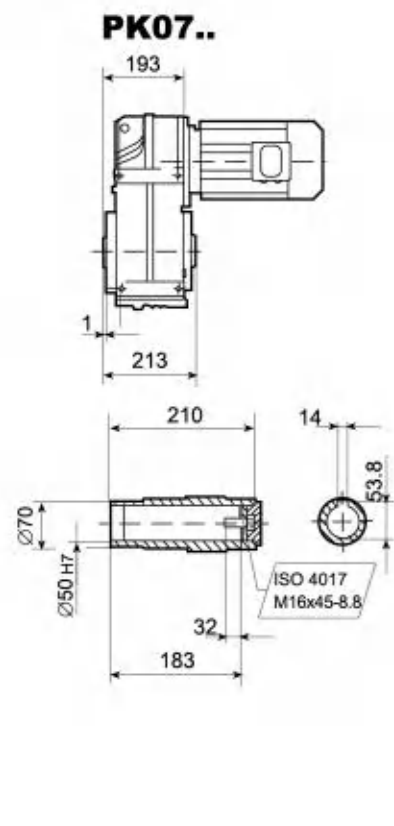


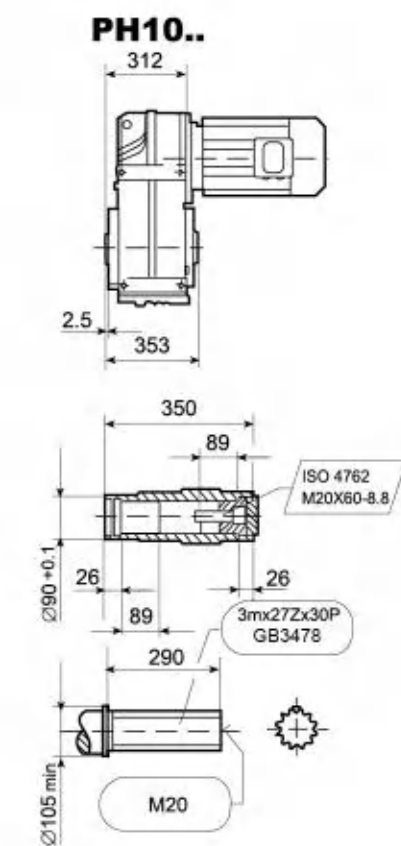
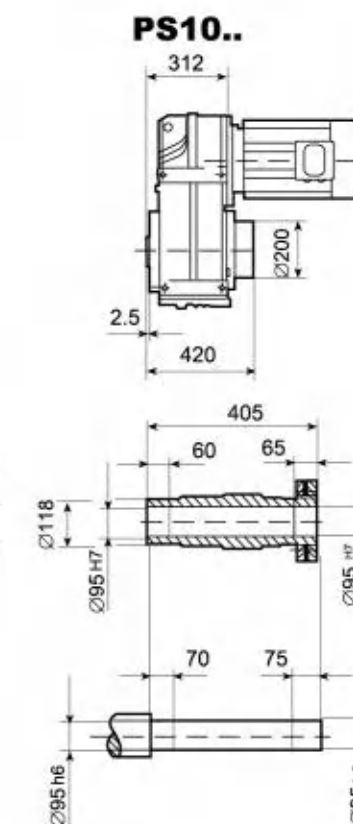
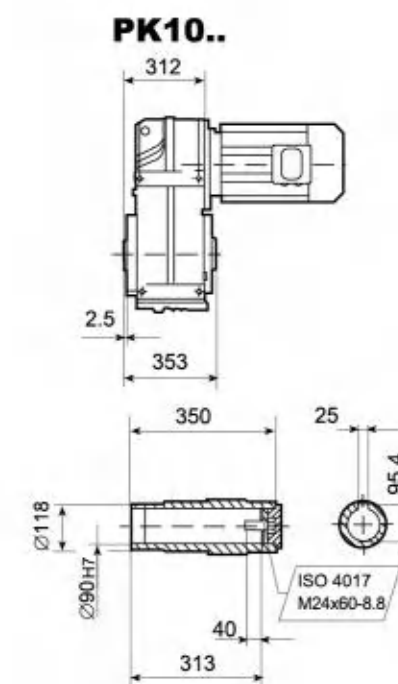
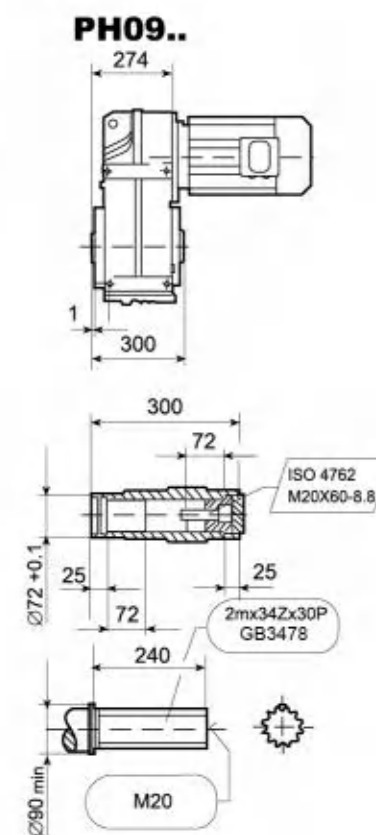
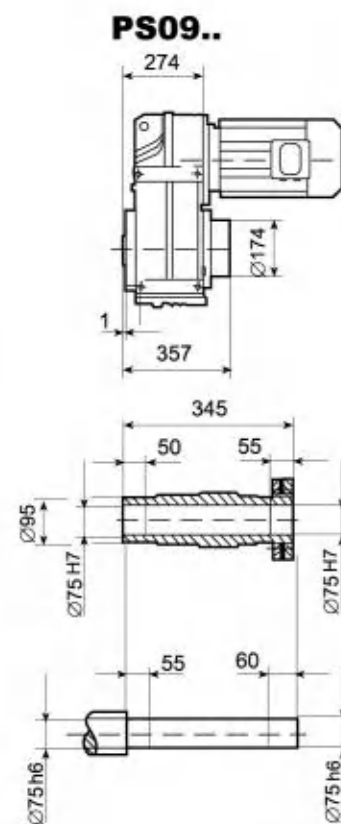
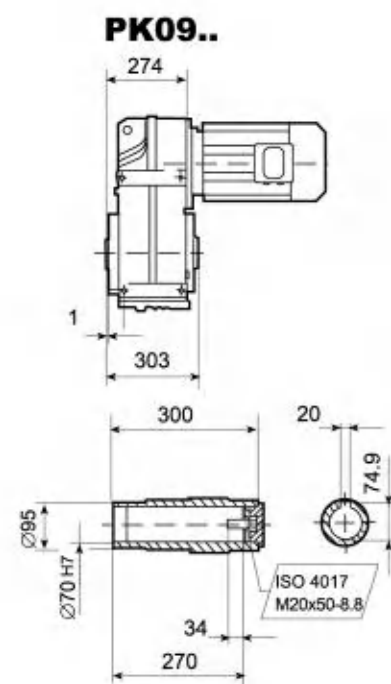
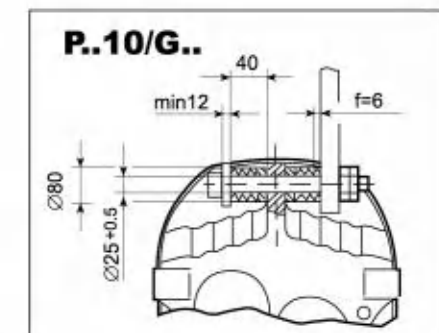
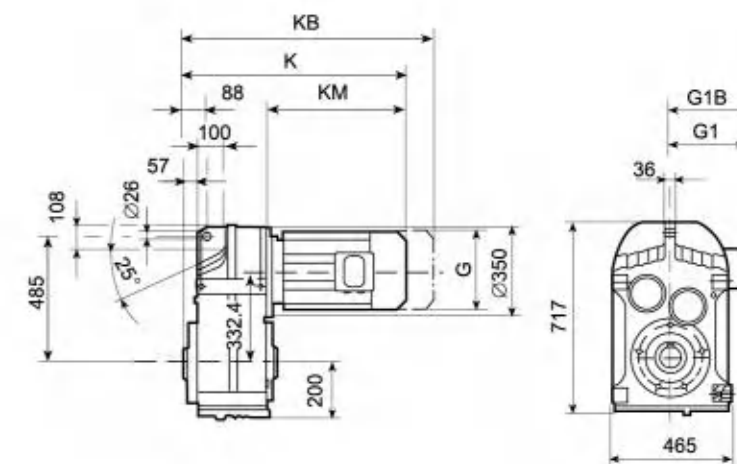
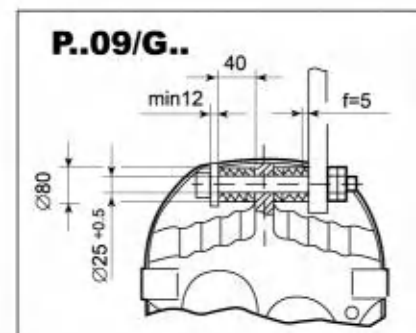
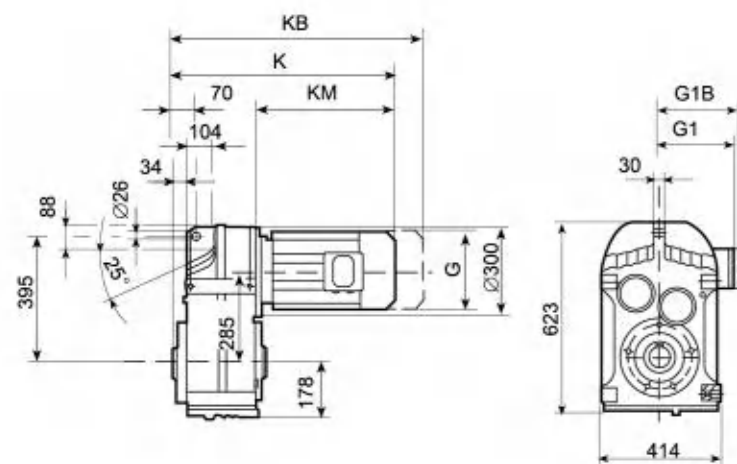


P 系列



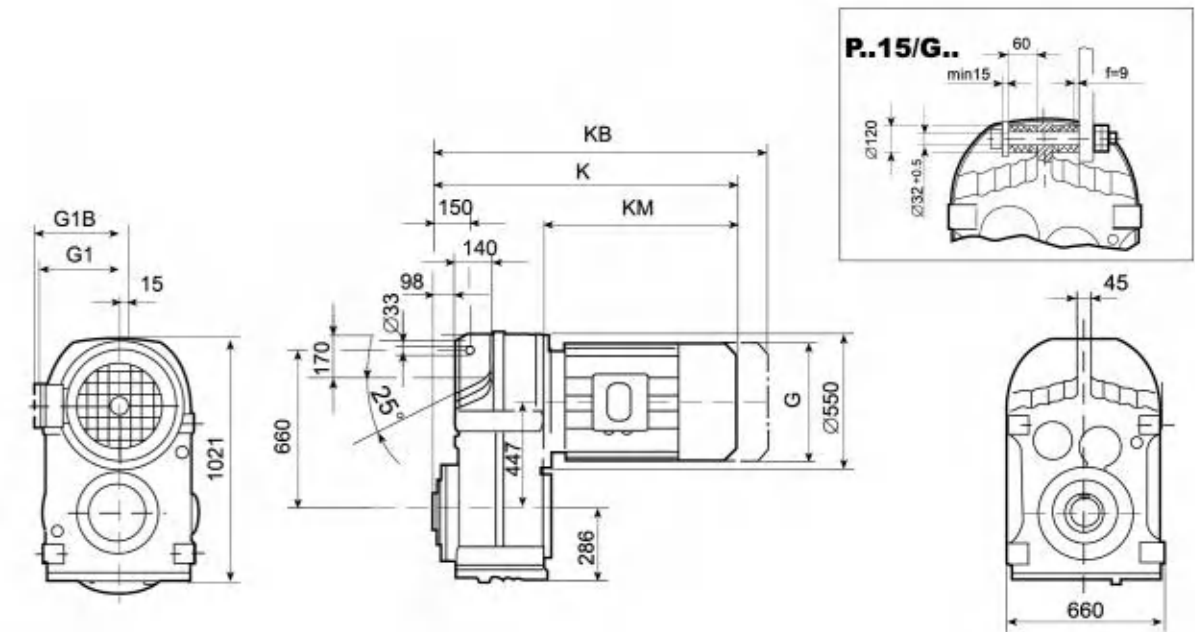
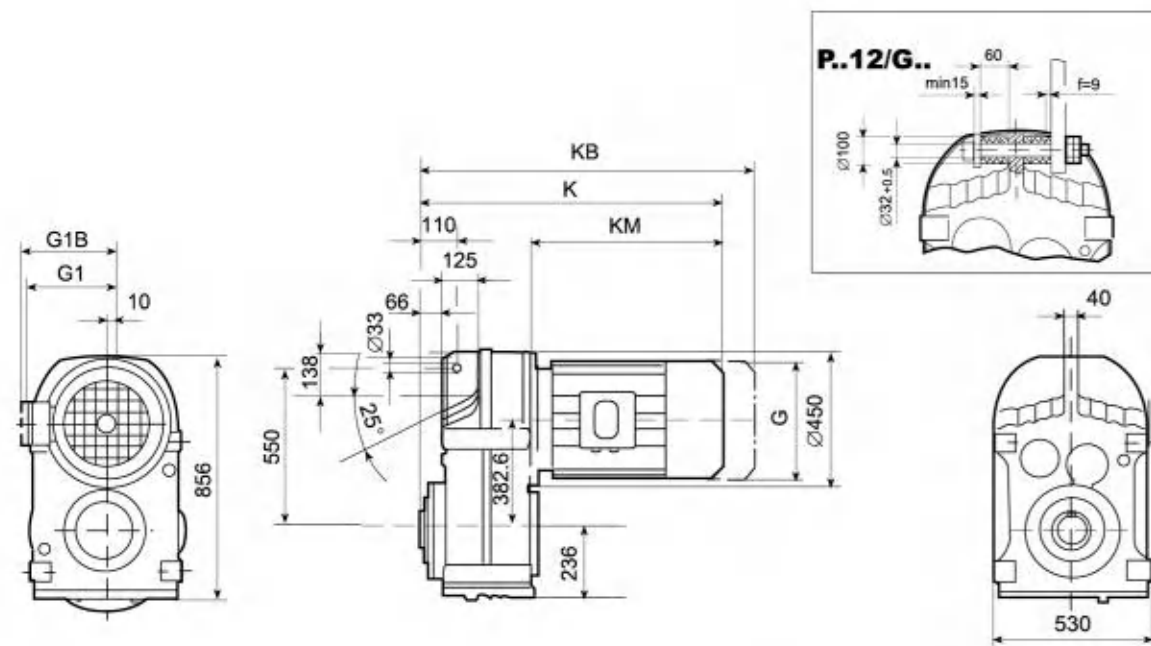
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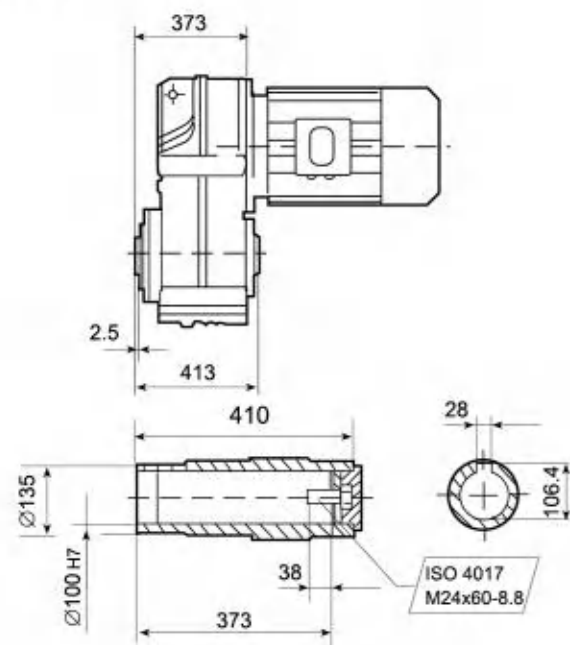


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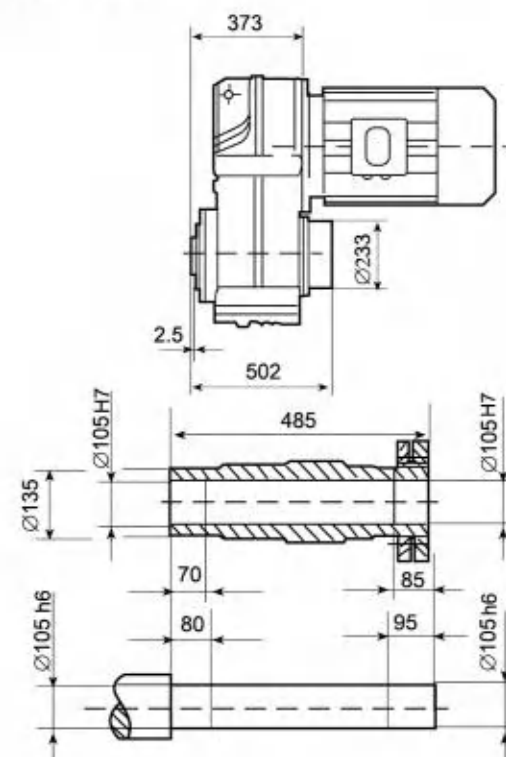


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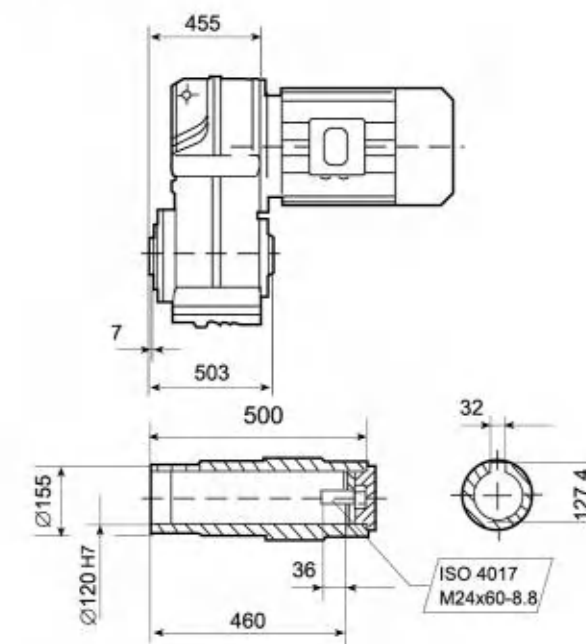
PK12..



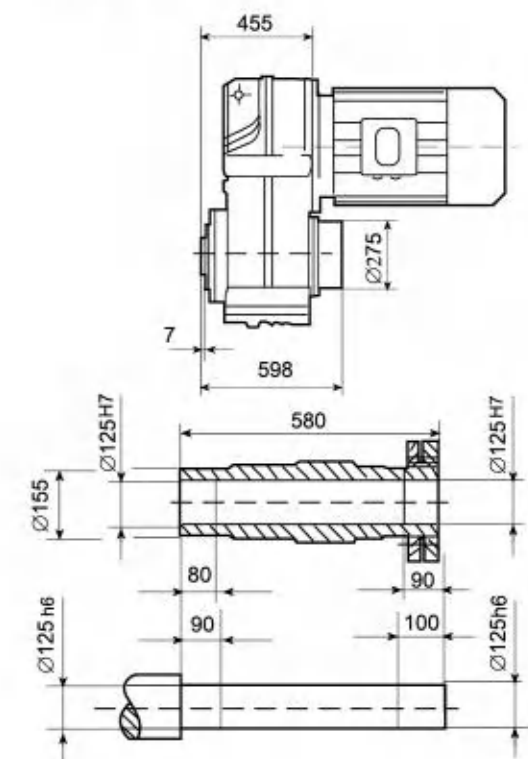
PS12..



PK15..



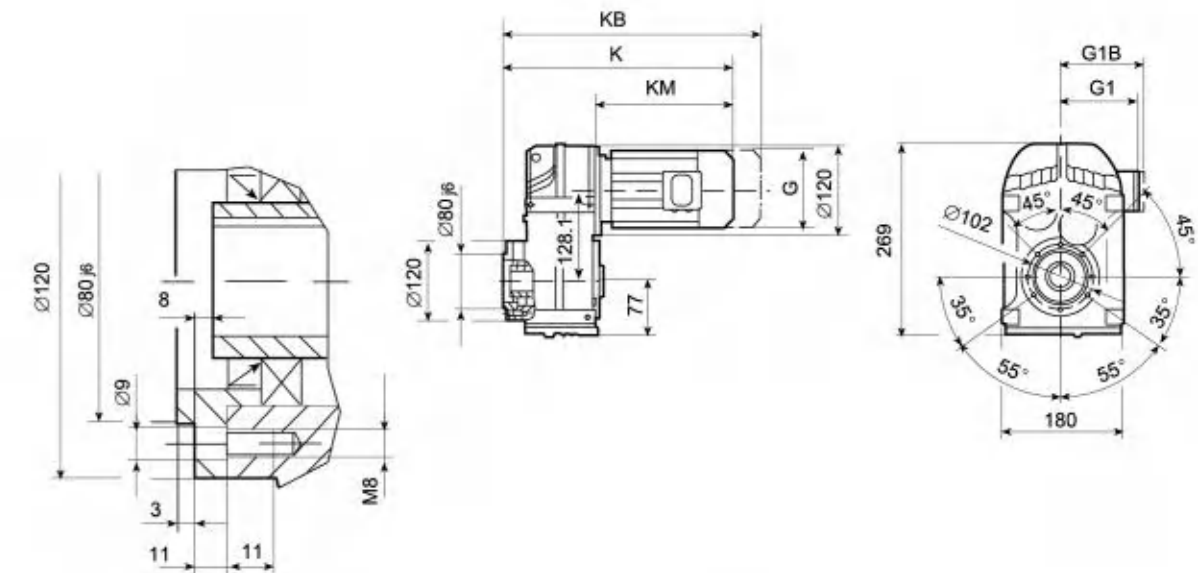
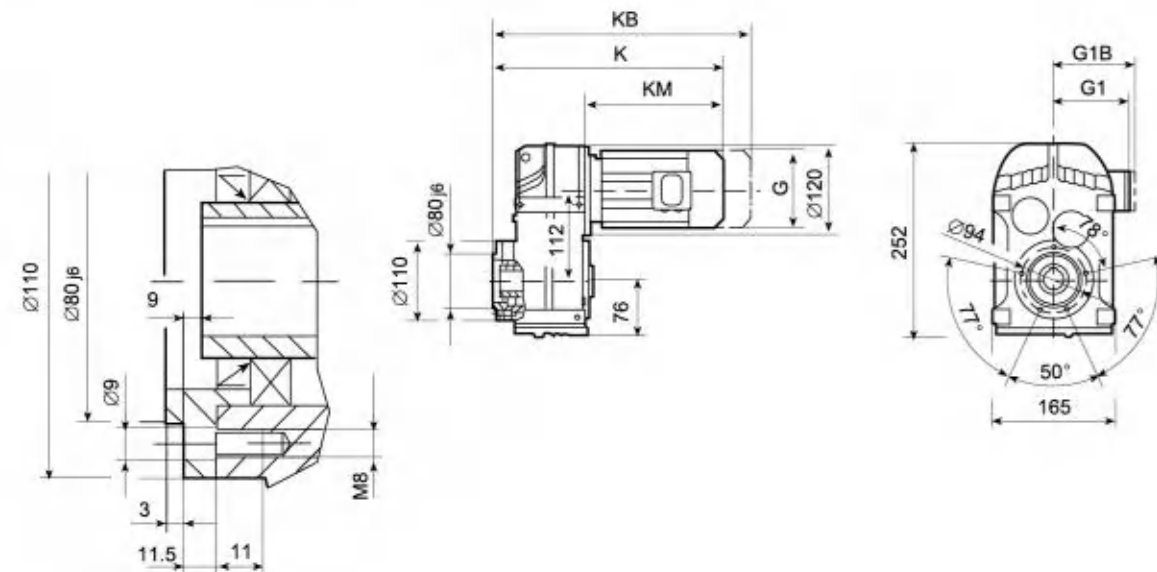
PS15..



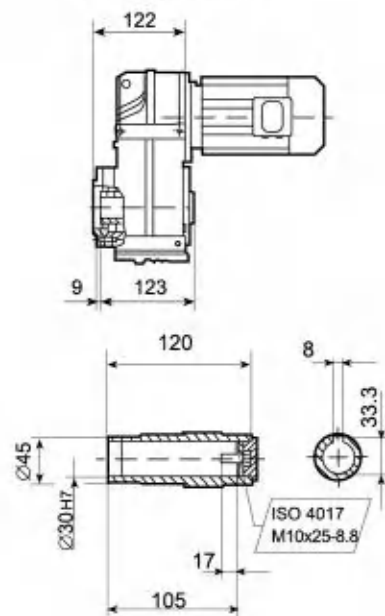


5.11 PFB14 B14法兰安装外形尺寸图

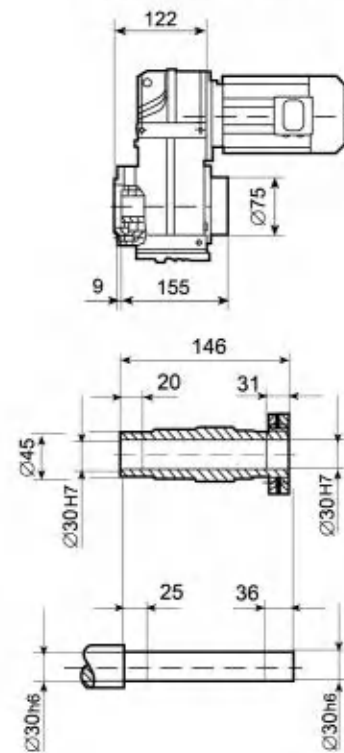
PFB14 Dimension of B14 flange-mounted



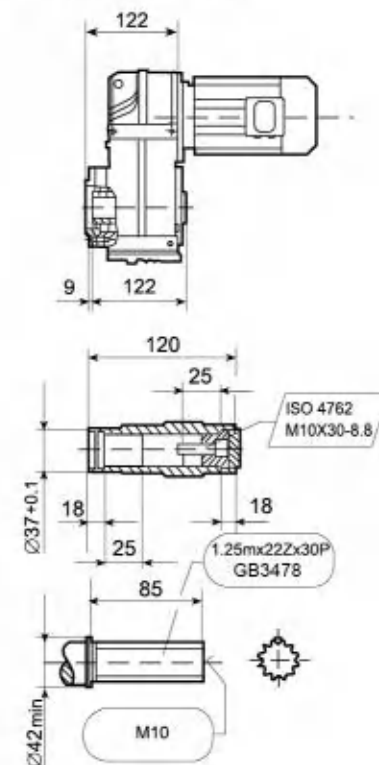
PFKB14 03..



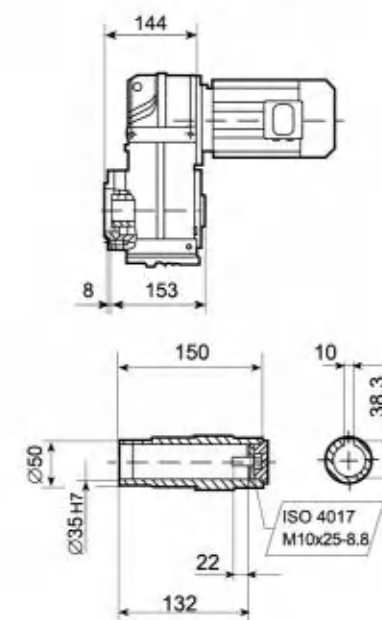
PFSB14 03..



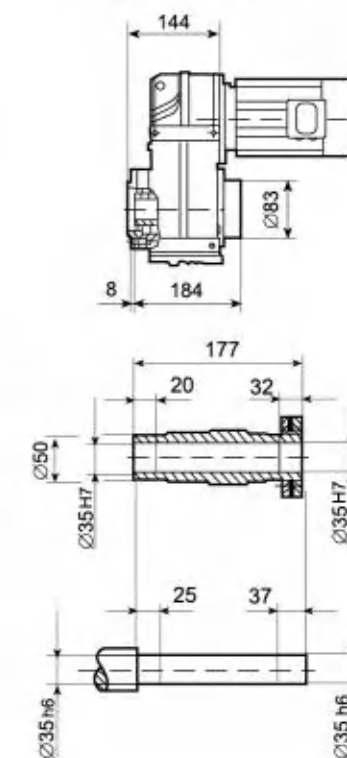
PFHB14 03..



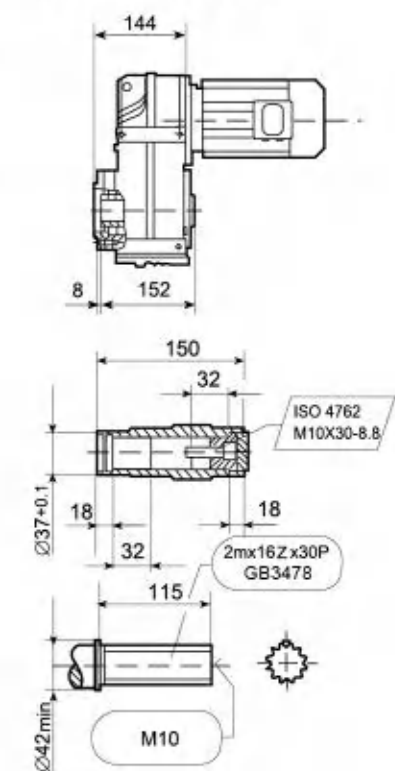
PFKB14 04..



PFSB14 04..

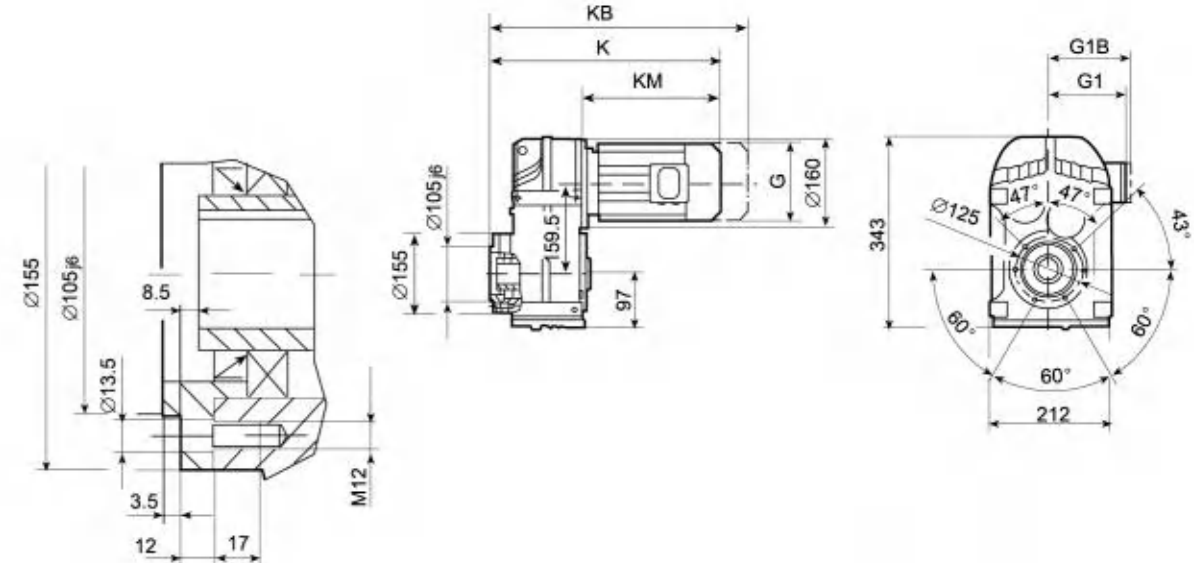
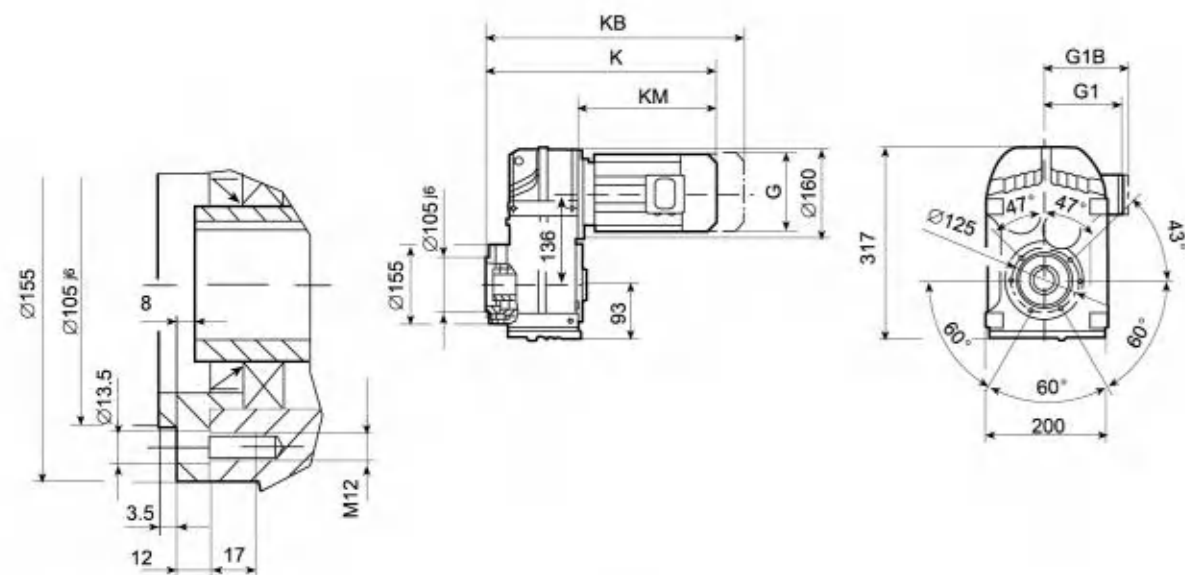


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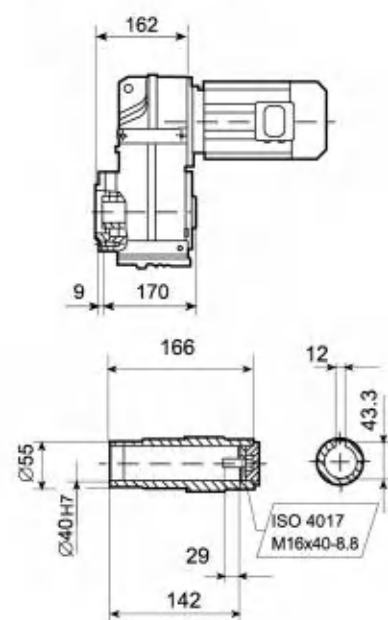


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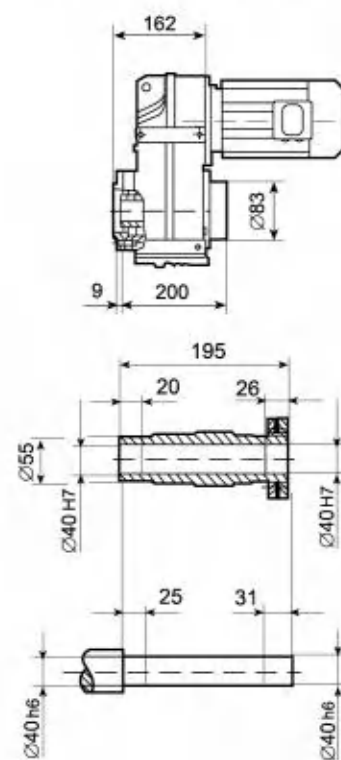


P 系列

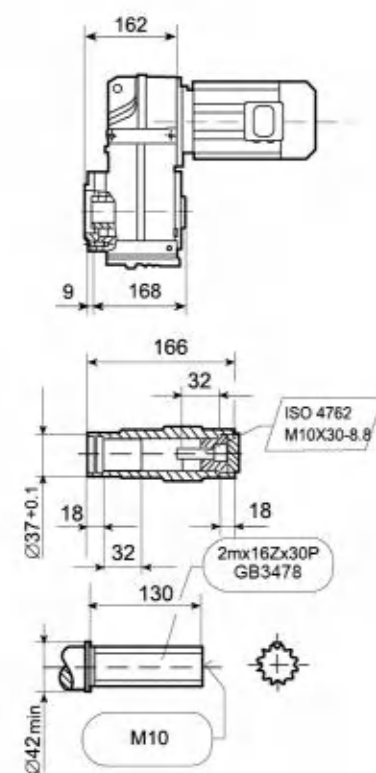
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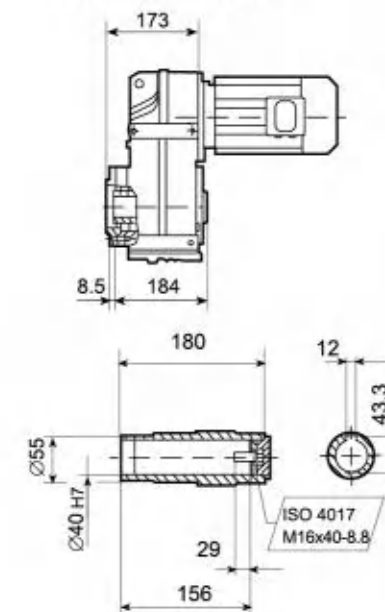
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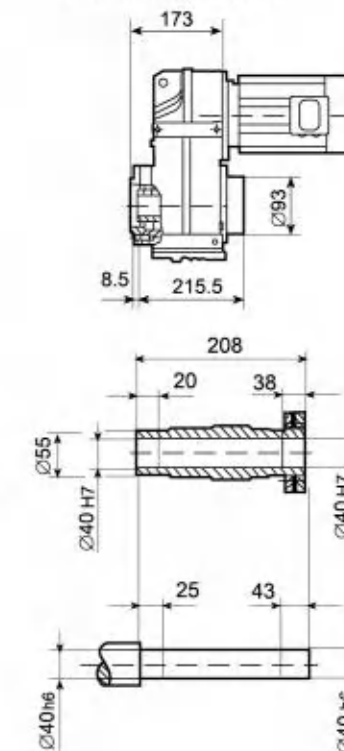
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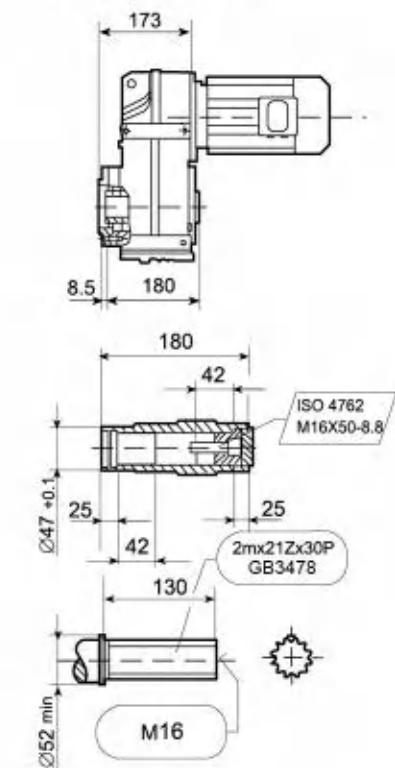
PFKB14 06..



PFSB14 06..

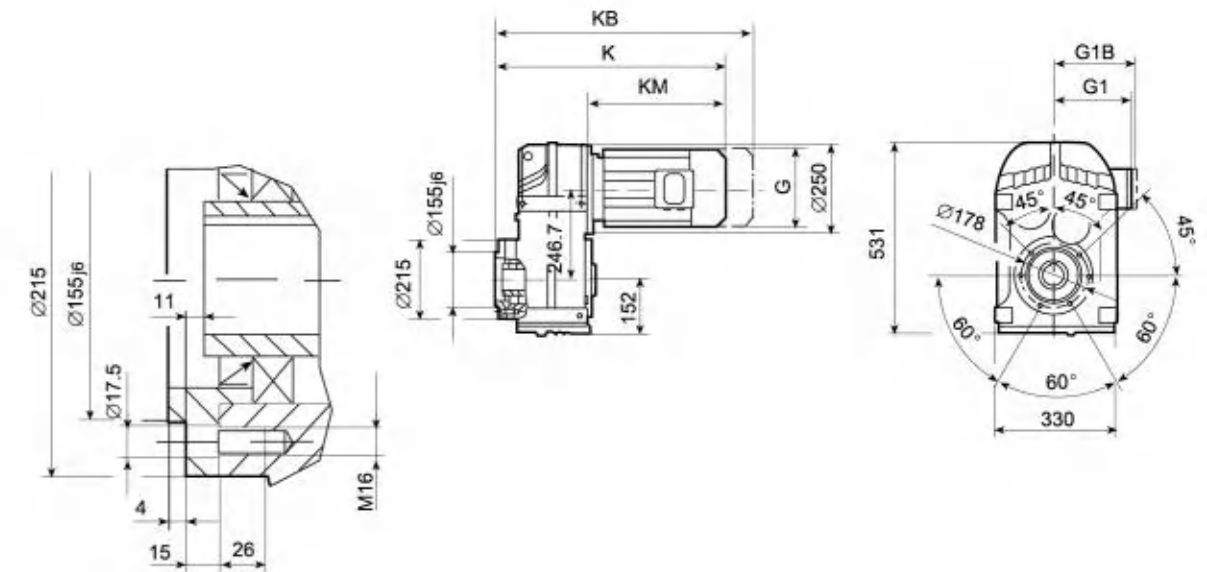
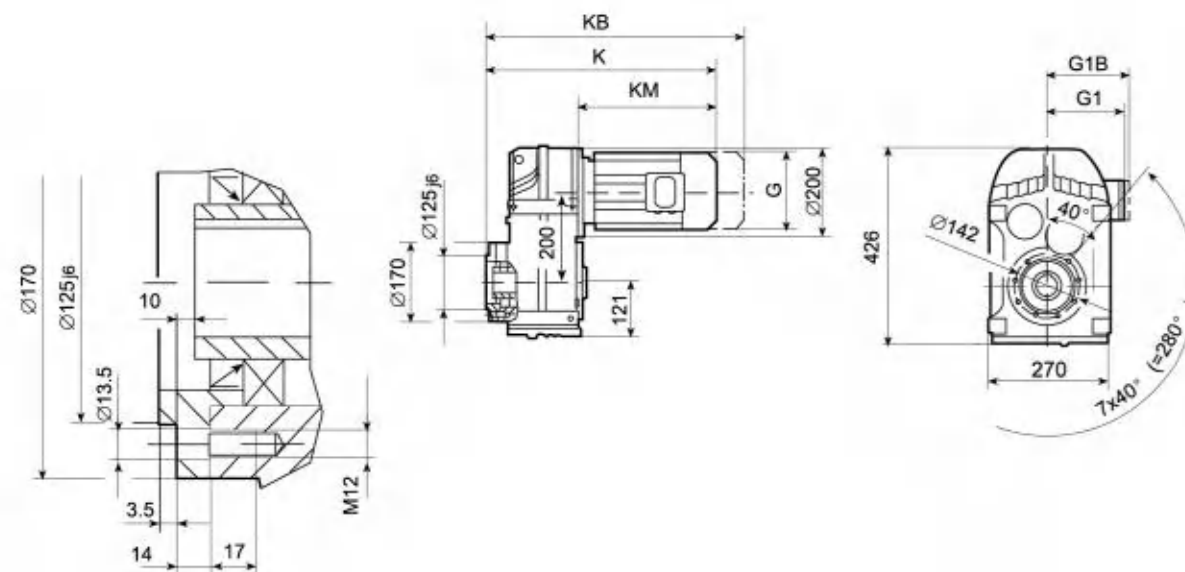


PFHB14 06..





P 系列



P 系列

PFKB14 07..

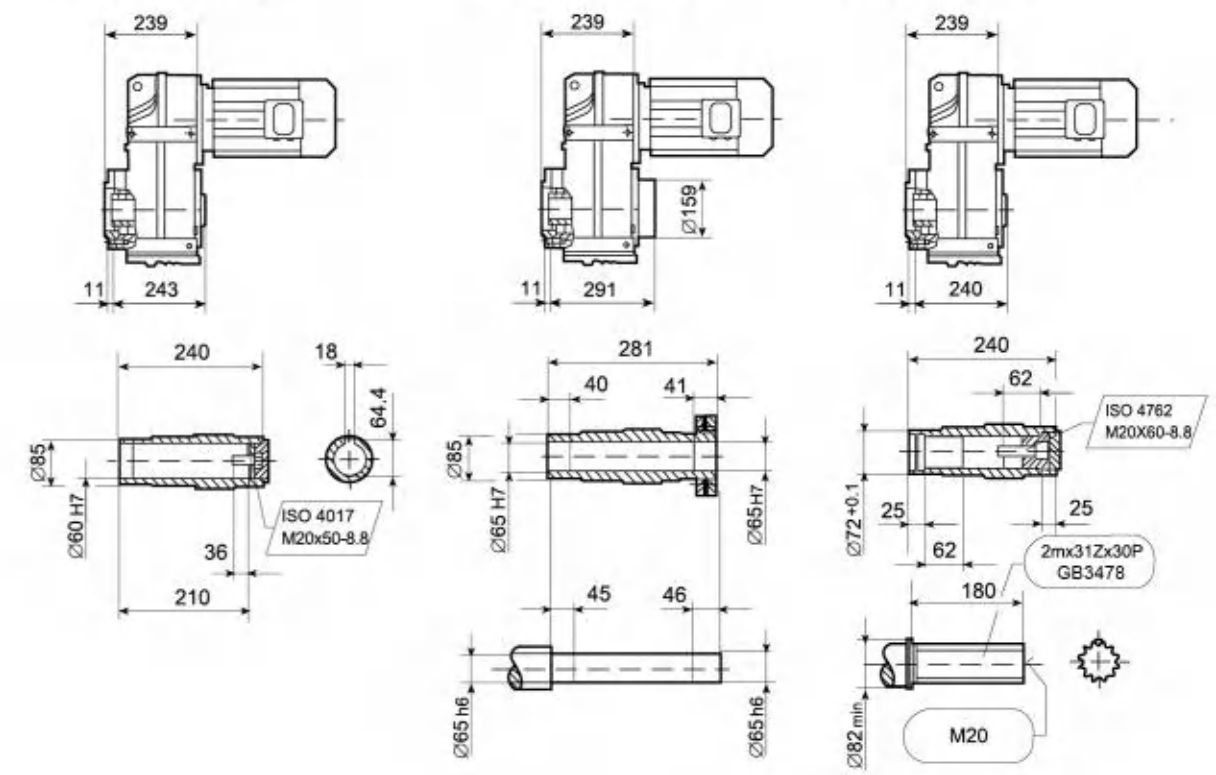
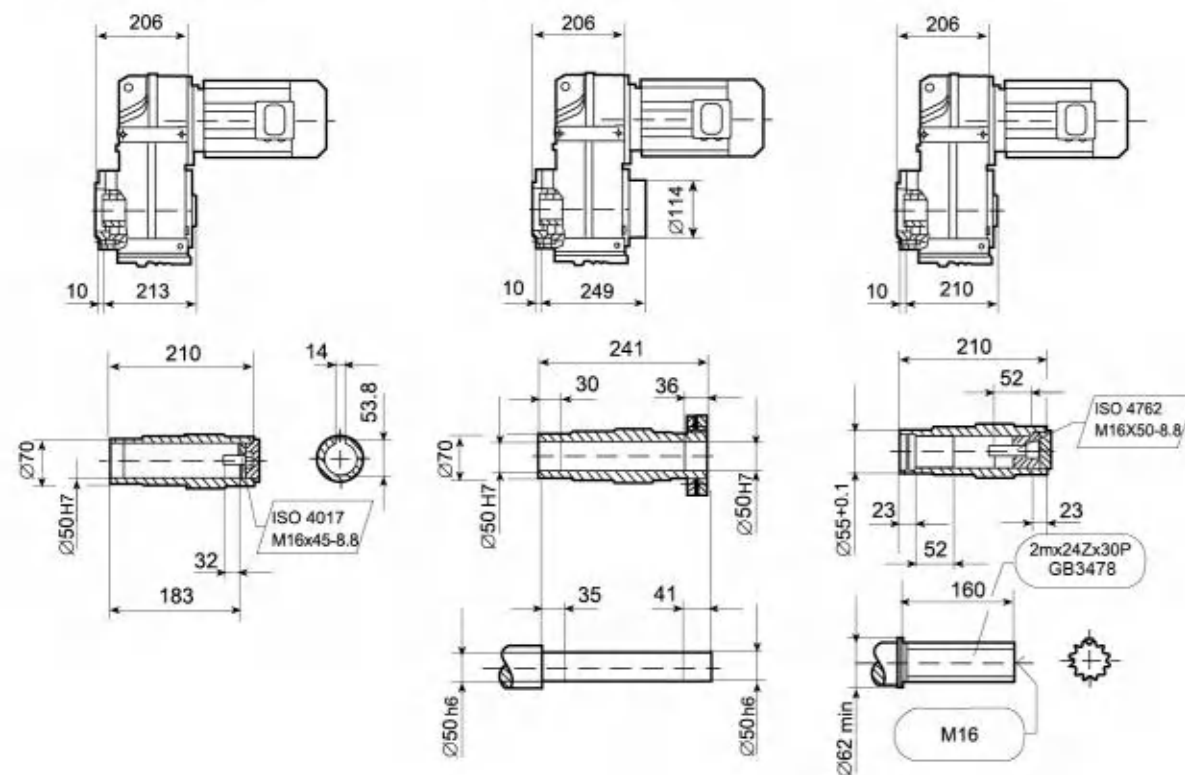
PFSB14 07..

PFHB14 07..

PFKB14 08..

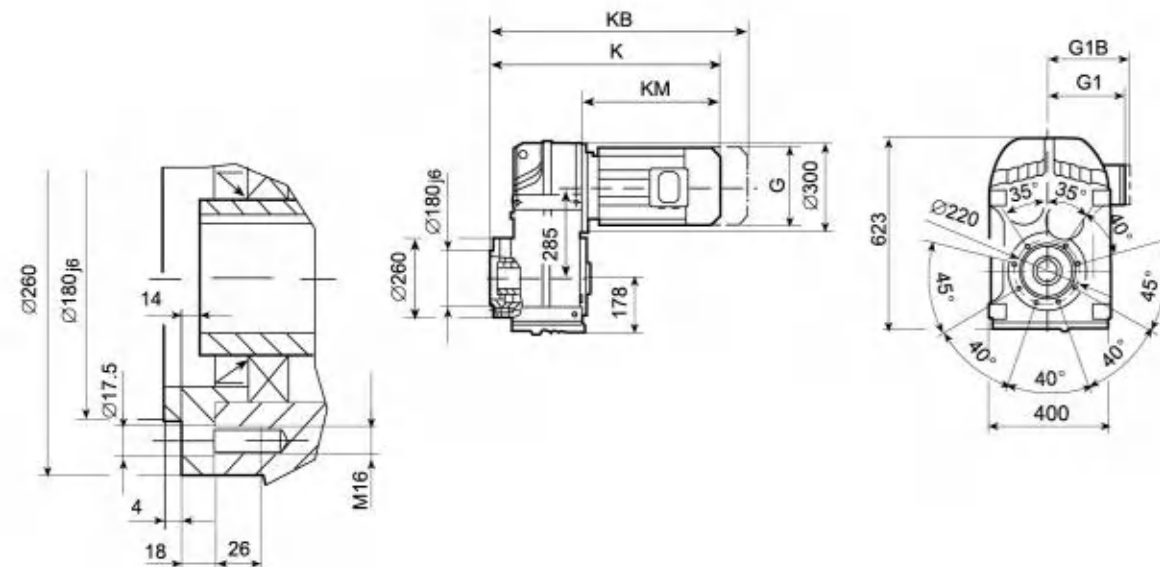
PFSB14 08..

PFHB14 08..





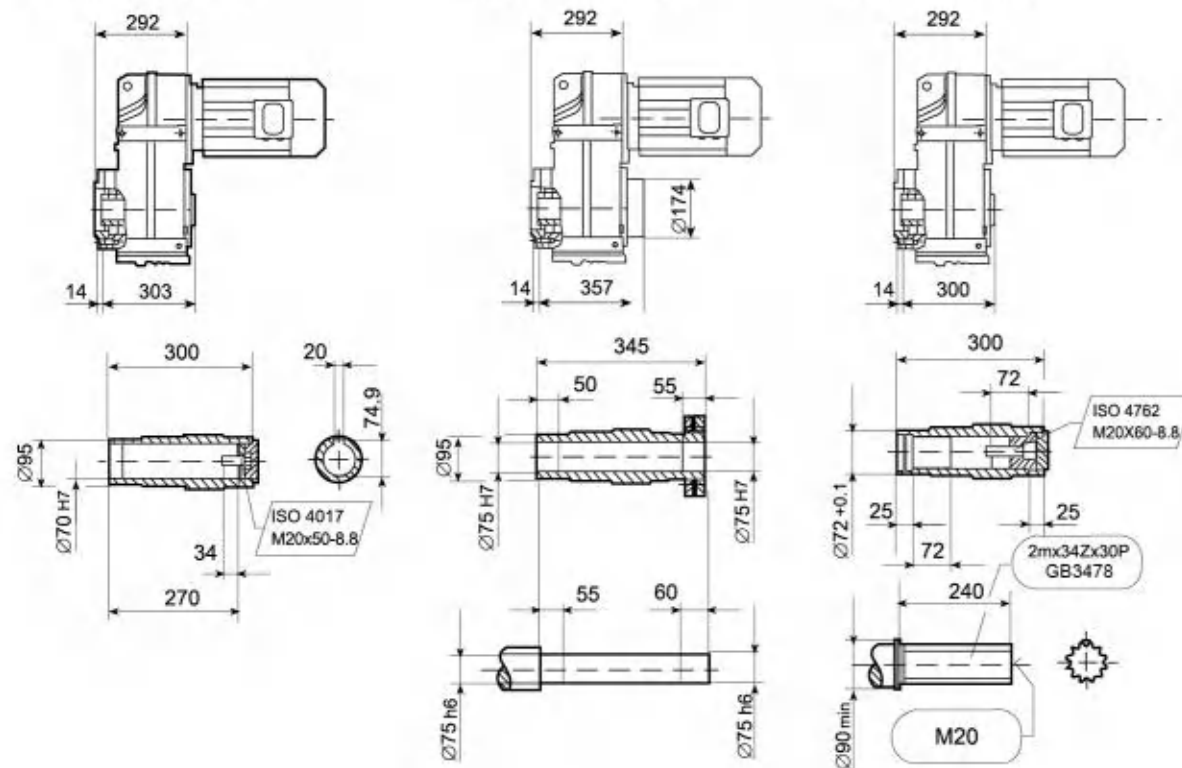
P 系列



PFKB14 09..

PFSB14 09..

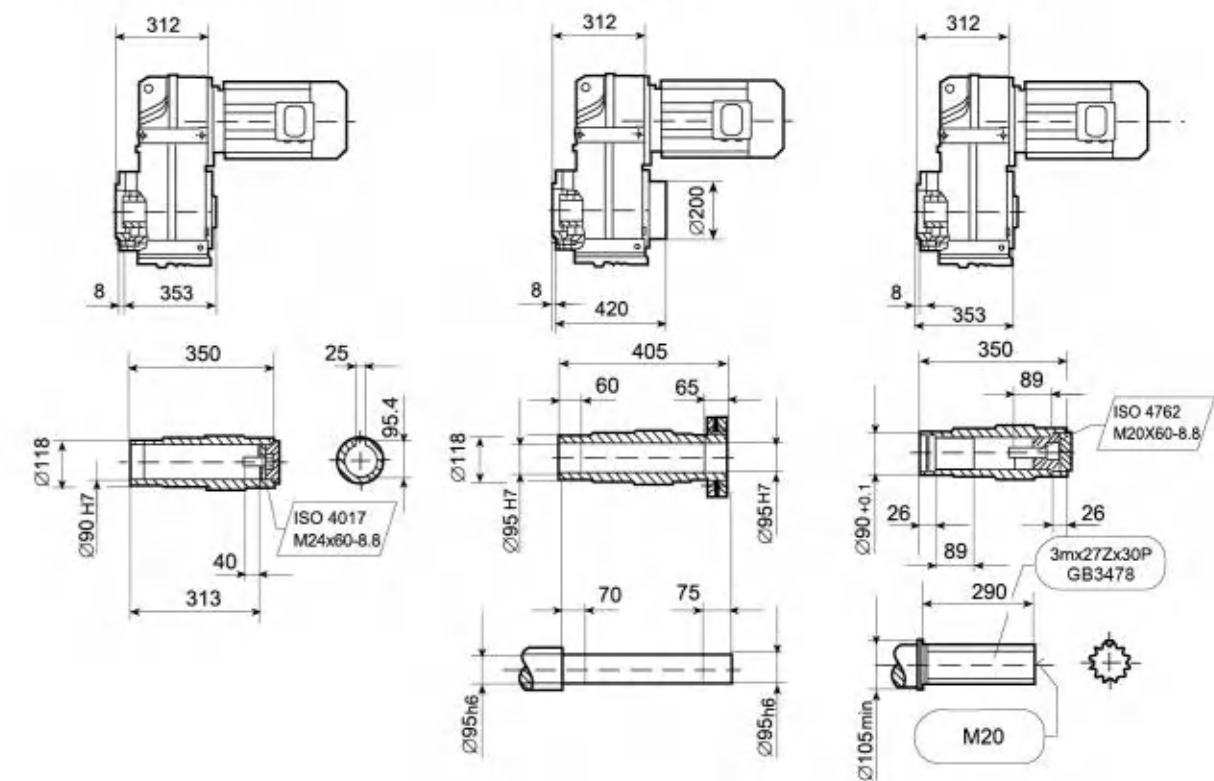
PFHB14 09..



PFKB14 10..

PFSB14 10..

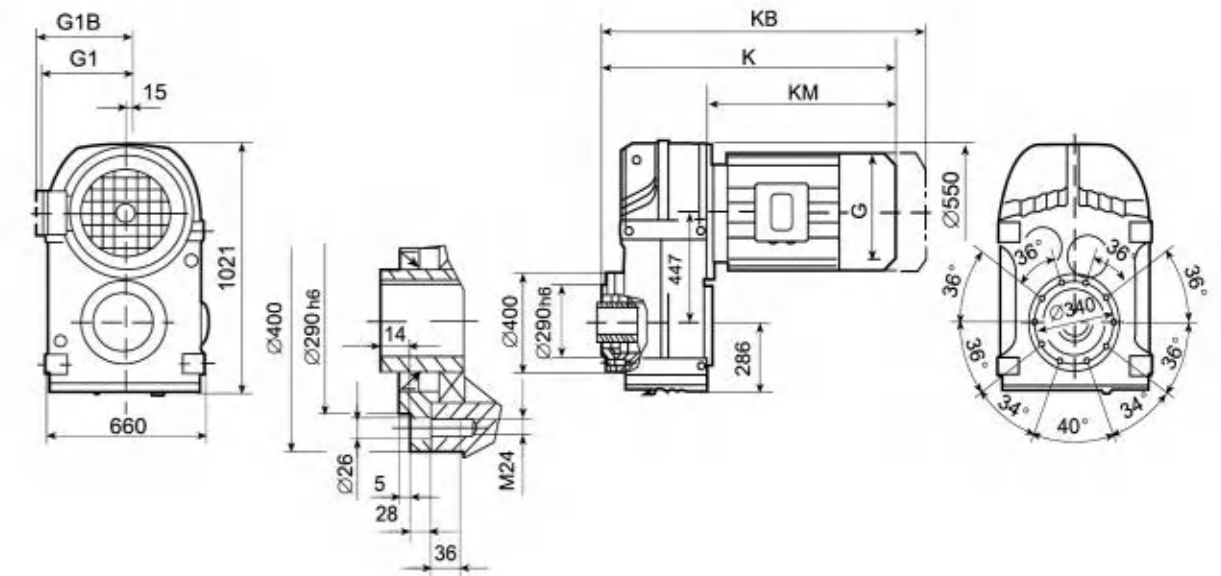
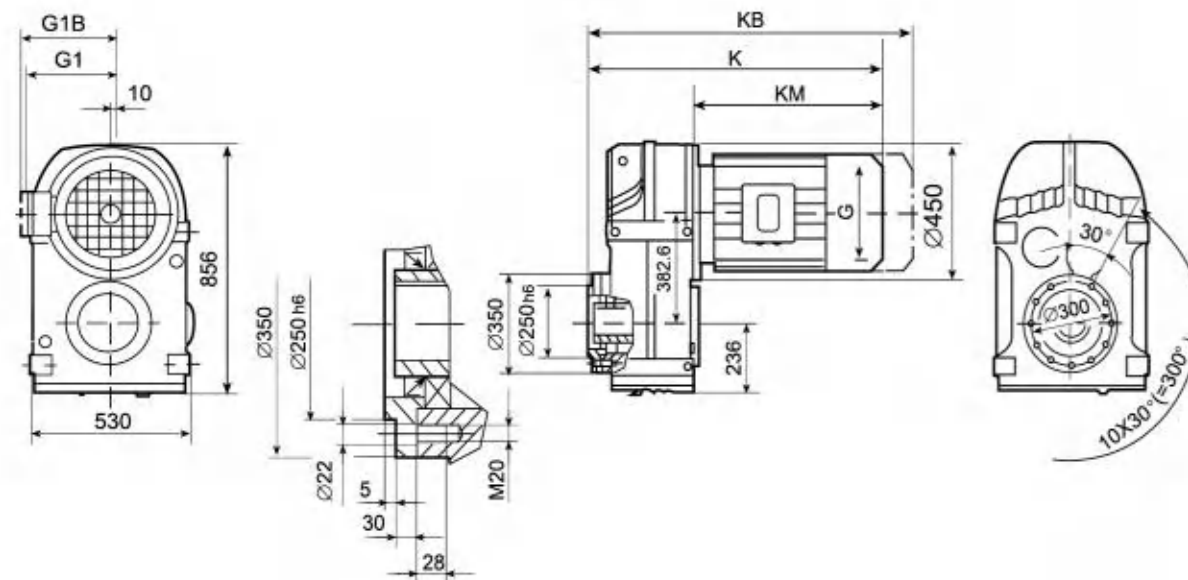
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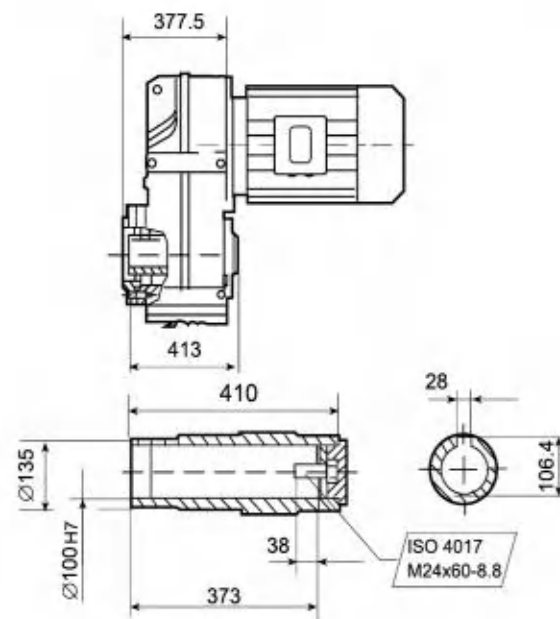
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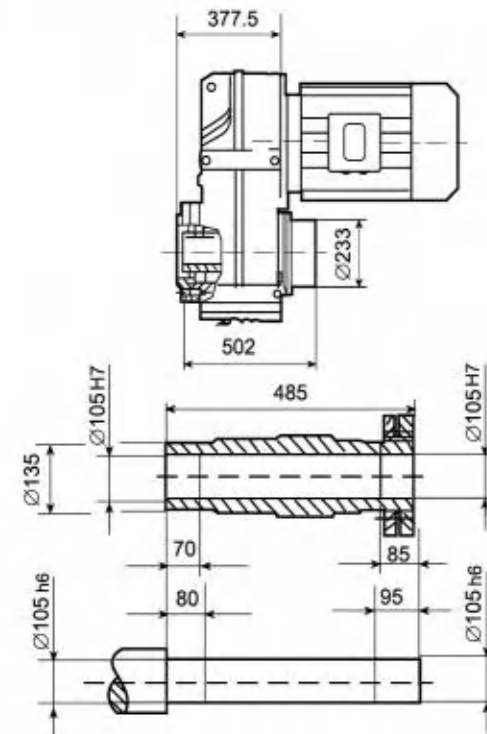
P 系列



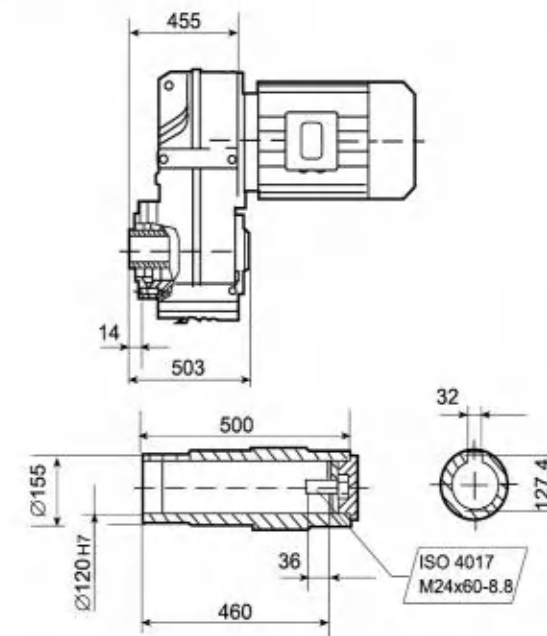
PFKB1412..



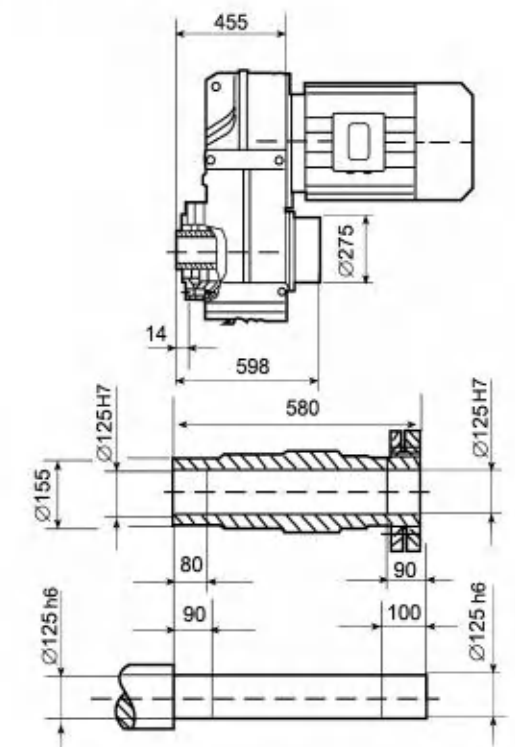
PFSB1412..



PFKB1415..

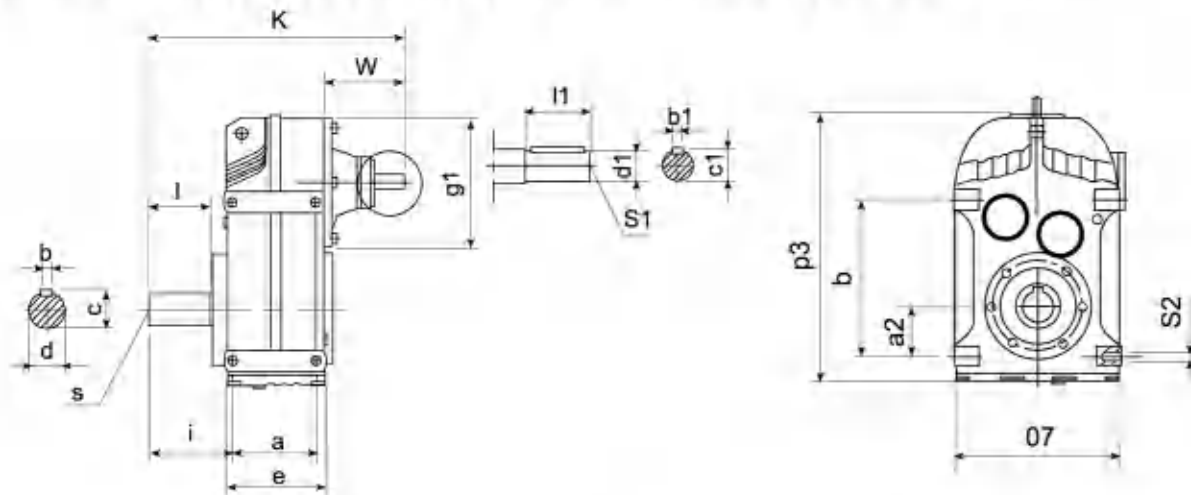


PFSB1415..





5.12 P..AD.. 轴输入型外形尺寸图 P..AD.. Dimension of input shaft mounted

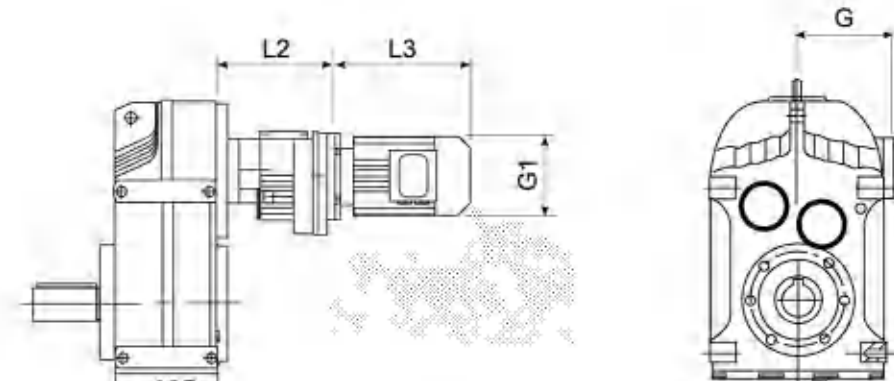


型号 Type		输入轴伸尺寸 Dimension of input shaft					输出轴伸尺寸 Dimension of output shaft					外形尺寸 boundary dimension					安装尺寸 mounting dimension						
		d1	l1	b1	c1	S1	d	l	b	c	s	K	e	O7	p3	g1	i	a	b	a2	S2	W	
P..03	AD1	16	40	5	18	M5	25	50	8	28	M10	262	95	165	252	120	72.5	77	115	31	M8	102	
	AD2	19	40	6	21.5	M6						290										130	
P..04	AD1	16	40	5	18	M5	30	60	8	33	M10	295	109	180	269	120	91	93	145	43	M10	102	
	AD2	19	40	6	21.5	M6						323										130	
P..05	AD1	19	40	6	21.5	M6	35	70	10	38	M12	344	126	200	317	160	104.5	102	170	55	M12	123	
	AD2	24	50	8	27	M8						379										158	
P..06	AD2	19	40	6	21.5	M6	40	80	12	43	M16	365	131	212	343	160	118.5	112	190	60	M12	123	
	AD3	24	50	8	27	M8						401										159	
P..07	AD2	19	40	6	21.5	M6	50	100	14	53.5	M16	410	165	270	426	200	137.5	140	240	70	M16	116	
	AD3	24	50	8	27	M8						445										151	
	AD4	38	80	10	41	M12						518										224	
P..08	AD2	19	40	6	21.5	M6	60	120	18	64	M20	455	195	330	531	250	163	165	310	100	M16	111	
	AD3	28	60	8	31	M10						500										156	
	AD4	38	80	10	41	M12						563										219	
	AD5	42	110	12	45	M16						636										292	
P..09	AD3	28	60	8	31	M10	70	140	20	74.5	M20	567	240	400	623	300	190.5	205	350	120	M20	151	
	AD4	38	80	10	41	M12						630										214	
	AD5	42	110	12	45	M16						703										287	
	AD6	48	110	14	51.5	M16						743										327	
P..10	AD3	28	60	8	31	M10	90	170	25	95	M24	629	260	450	717	350	241.5	220	400	125	M24	145	
	AD4	38	80	10	41	M12						692										208	
	AD5	42	110	12	45	M16						765										281	
	AD6	48	110	14	51.5	M16						805										321	
P..12	AD4	38	80	10	41	M12	110	210	28	116	M24	778	316	530	856	450	291	270	450	142	M30	193	
	AD5	42	110	12	45	M16						851										266	
	AD6	48	110	14	51.5	M16						891										306	
	AD7	55	110	16	59	M20						885										300	
	AD8	70	140	20	74.5	M20						968										383	
P..15	AD5	42	110	12	45	M16	120	210	32	127	M24	920	364	660	1021	550	326.5	310	540	170	M36	258	
	AD6	48	110	14	51.5	M16						960										298	
	AD7	55	110	16	59	M20						954										292	
	AD8	70	140	20	74.5	M20						1036										374	

说明：轴输入型式规格尺寸与所配套的电机功率和减速机速比有关，订购时，请向我公司咨询。

Note: the dimension of input shaft type is related with motor power and the ratio of reducers. If you want to purchase, please consult with our company.

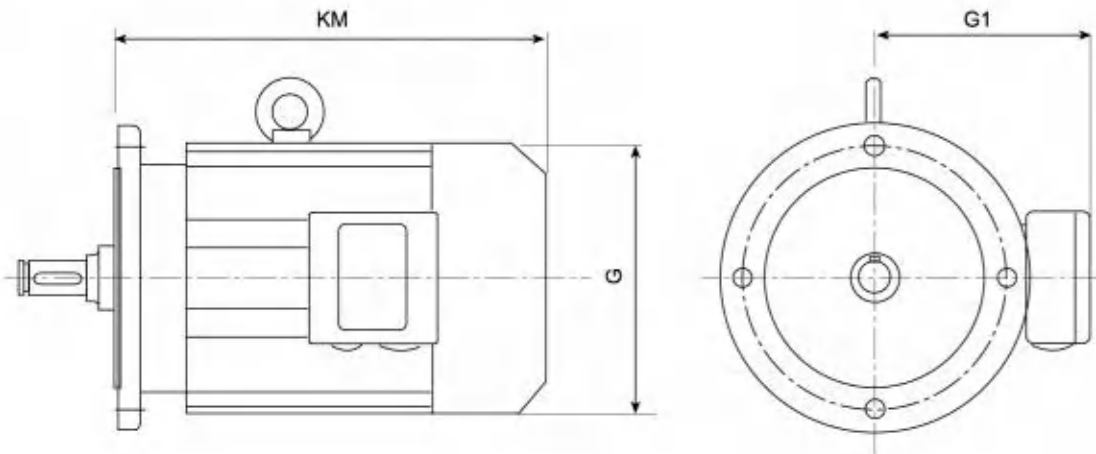
5.13 P..RF..两级串联型及电机尺寸表: P..RF.. Dimension of multilevel series units



型号 Type	机座号 Type of seat	L2	L3	G	G1	型号 Type	机座号 Type of seat	L2	L3	G	G1
P..05RF03	Y63..	165	222	70	130	P..12RF07	Y63..	232	222	70	130
	Y71..		242	80	145		Y71..		242	80	145
P..06RF03	Y63..	165	222	70	130		Y80..		283	145	175
	Y71..		242	80	145		Y90S..		297	155	195
P..07RF03	Y63..	157	222	70	130		Y90L..		322	155	195
	Y71..		242	80	145		Y100L..		355	180	215
P..08RF05	Y80..	216	283	145	175		Y112M..		370	190	240
	Y90S..		297	155	195		Y132S		410	210	275
P..09RF05	Y80..	211	283	145	175	P..12RF08	Y132M	280	450	210	275
	Y90S..		297	155	195		Y160M		494	255	330
P..10RF07	Y90L..	247	322	155	195		Y80..	325	283	145	175
	Y100L..		355	180	215		Y90S..		297	155	195
P..11RF07	Y63..	247	222	70	130		Y90L..		322	155	195
	Y71..		242	80	145		Y100L..		355	180	215
P..12RF07	Y80..	247	283	145	175		Y112M..		370	190	240
	Y90S..		297	155	195		Y132S		410	210	275
P..13RF07	Y90L..	247	322	155	195		Y132M		450	210	275
	Y100L..		355	180	215		Y160M		494	255	330
P..14RF07	Y112M..	247	370	190	240		Y16DL		549	255	330
							Y180M		584	280	380



6 专用电机外形尺寸图 Dimension of specific motor



电机机座号 Type of seat	KM	G	G1
Y63	222	130	70
Y71	242	145	80
Y80	283	175	145
Y90S	297	195	155
Y90L	322	195	155
Y100L	355	215	180
Y112M	371	240	190
Y132S	410	275	210
Y132M	450	275	210
Y160M	494	330	255
Y160L	550	330	255
Y180M	585	380	280
Y180L	625	380	280
Y200L	660	420	305
Y225S	680	470	335
Y225M	705	470	335
Y250M	770	510	370
Y280S	835	580	410
Y280M	885	580	410
Y315S	1040	645	530
Y315M	1150	645	530
Y315L	1150	645	530

说明：图中G1B为隔爆等特殊电机接线盒所示尺寸，此处未列出，如有需要，请向我们咨询。

Note: The G1B in the picture is the terminal box dimension of explosion-proof motor. If you need, please consult with our company.



R..Y..



RF..Y..



RM..Y..



RX..Y..



P..Y..



PFK..Y..



PK..Y..



PH..Y..