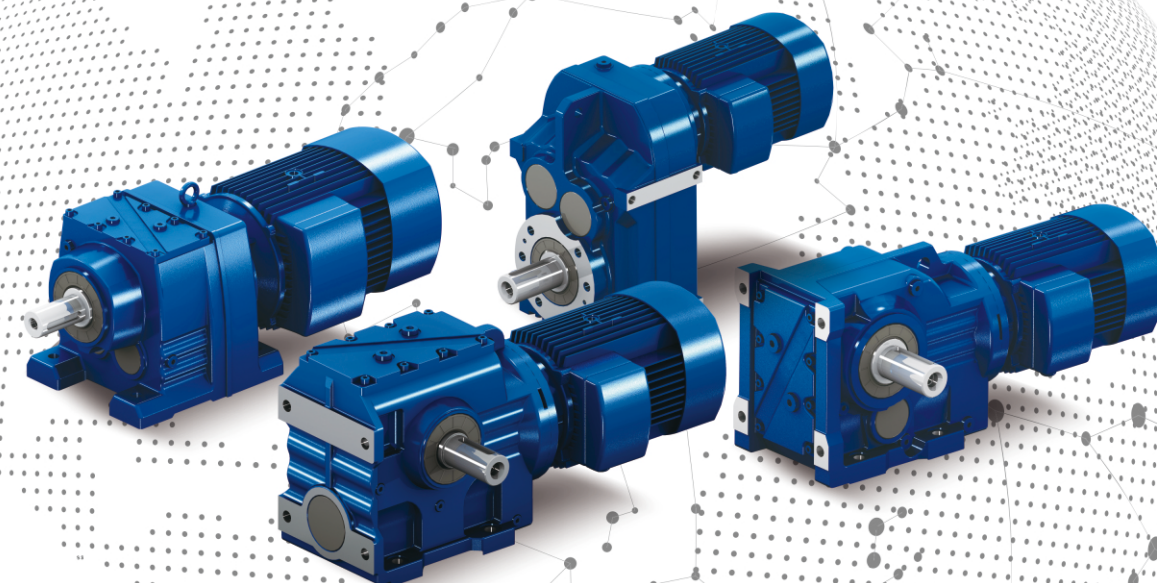




Helical gear motor
产品样本/PRODUCTS BROCHURE

齿轮减速电机

FECO CHINA





公司简介 Company Profile

FECO产品以其先进技术和独特的齿轮工艺、资深的行业经验以及广泛的服务网络成为了行业先锋。今天数以万计的机械专业设计者都在使用FECO产品，极大地提高了各类工业设备和传动控制系统的生产效率。

世界范围内，包括西门子SIEMENS电机、ABB电机、YASKAWA电机、MITSUBISHI电机、Panasonic电机、蓬巴迪、宝钢、HIIMA、拜耳、巴斯夫、吉特迈、菲利普莫里斯、英美烟草、虹霓等诸多著名的跨国公司都广泛选用了FECO公司的产品，从而保证了机械设备的高稳定性和使用寿命。在中国，FECO公司的产品已被多家大型企业如宝钢、攀钢、BYD、BOE、丰田汽车、上汽集团、中烟集团、中集集团、许继集团、三一重工、天正、北车集团、南方电网、中国印钞造币总公司等广泛采用。在多项重大工程项目中也得到了应用，如上海磁悬浮列车、深圳地铁、上海地铁、京沪高速列车、贵广直流输电工程、上海世博会和北京奔驰汽车厂等等。FECO公司的BR、BK、BS、BF等系列产品，以其一如既往的强大功能和庞大的用户基础成为全球精密传动领域的标准。FECO创新的集成式智能化传动解决方案，实现了一系列强大而新颖的传动设计智能化功能，开创了智能制造设计的新纪元。

FECO of products with its advanced technology and unique gear technology, senior industry experience and a wide range of services network has become a pioneer in the industry. Today tens of thousands of professional mechanical designers use FECO of products, which greatly improve the production efficiency of various industrial equipment and transmission control system.

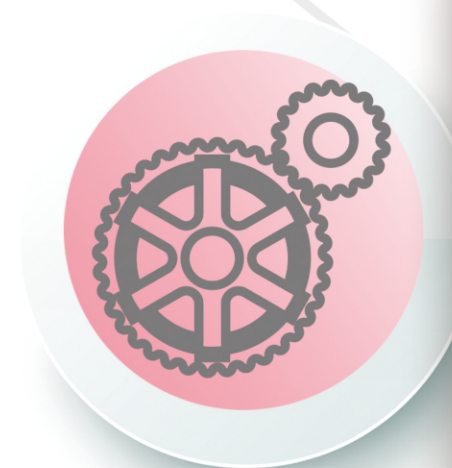
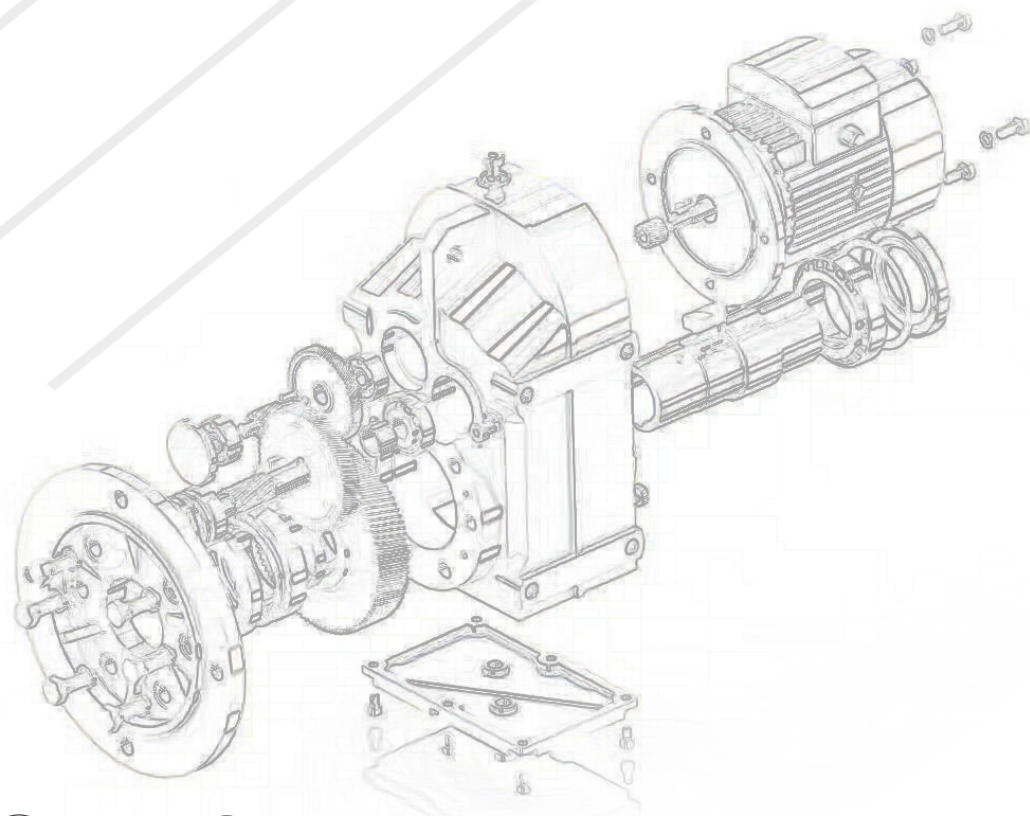
In worldwide, including SIEMENS motor, ABB motor, YASKAWA motor, MITSUBISHI motor, PANASONIC motor, BOMBARDIER, BAOSTEEL, HIIMA, BAYER, BASF, GILDEMEISTER, PHILIP MORRIS, BTI, HAUNI and many other well-known multinational companies have extensive chose the products of the FECO company, so as to ensure the high stability of the mechanical equipment and service lifetime.

In china, the FECO products has been used by many large companies such as BAOSTEEL, PANGANG, BYD, BOE, TOYOTA, SAIC, China National Tobacco Corporation, CIMC, SANY HEAVY INDUSTRY, STATE GRID, TENGGEN, CNR, China Southern Power Grid, China Banknote Printing And Minting COPR. It has also been used in several major projects, such as Shanghai maglev train, Shenzhen metro, Shanghai subway, Beijing-Shanghai high-speed train, Guiguang dc power transmission project, Shanghai world expo and Beijing Benz automobile factory.

FECO company's BR, BK, BS, BF and other series products have become the standard of the global precision gearing tansmission industry with its previous strong functions and huge user base. FECO innovative integrated intelligent transmission solution, which has realized a series of powerful and novel transmission design intellectualized functions, and ushered in a new era of intelligent manufacturing design.

精工品质 传动世界

Seiko quality Driving the world



传动效率高
传递扭矩大



高效、快捷、安全
的物流系统管理



德国技术团队
设计严谨、匠心制作



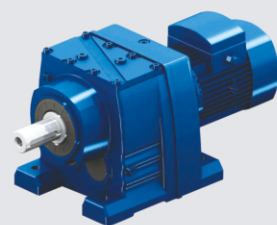
齿轮采用优质合金钢
高精度磨齿加工



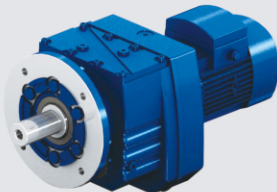
模块化组合



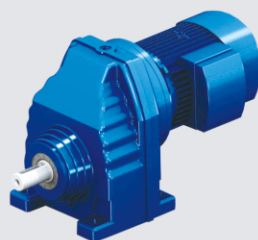
企业产品 Products



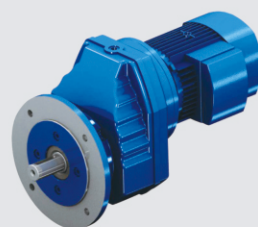
BR系列斜齿硬齿面减速机
BR SERIES HELICAL GEAR REDUCER



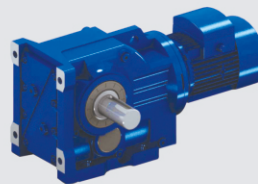
BRF系列斜齿硬齿面减速机
BRF SERIES HELICAL GEAR REDUCER



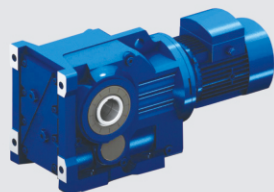
BRX系列斜齿硬齿面减速机
BRX SERIES HELICAL GEAR REDUCER



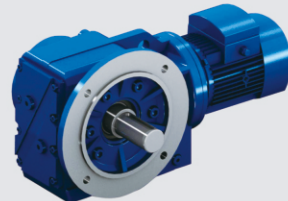
BRXF系列斜齿硬齿面减速机
BRXF SERIES HELICAL GEAR REDUCER



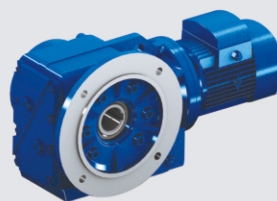
BK系列弧齿锥齿轮减速机
BK SERIES HELICAL BEVEL GEAR REDUCER



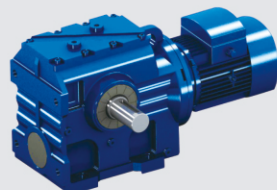
BKA系列弧齿锥齿轮减速机
BKA SERIES HELICAL BEVEL GEAR REDUCER



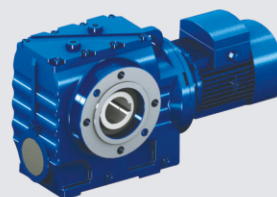
BKF系列弧齿锥齿轮减速机
BKF SERIES HELICAL BEVEL GEAR REDUCER



BKAF系列弧齿锥齿轮减速机
BKAF SERIES HELICAL BEVEL GEAR REDUCER



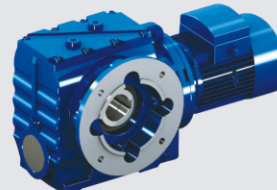
BS系列圆柱蜗杆减速机
BS SERIES HELICAL-WORM GEAR REDUCER



BSA系列圆柱蜗杆减速机
BSA SERIES HELICAL-WORM GEAR REDUCER



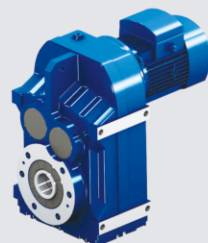
BSF系列圆柱蜗杆减速机
BSF SERIES HELICAL-WORM GEAR REDUCER



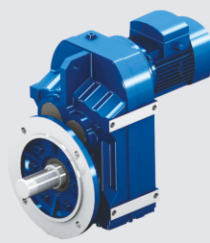
BSAF系列圆柱蜗杆减速机
BSAF SERIES HELICAL-WORM GEAR REDUCER



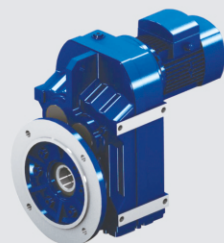
BF系列平行轴斜齿轮减速机
BF SERIES PARALLEL SHAFT HELICAL GEAR REDUCER



BFA系列平行轴斜齿轮减速机
BFA SERIES PARALLEL SHAFT HELICAL GEAR REDUCER



BFF系列平行轴斜齿轮减速机
BFF SERIES PARALLEL SHAFT HELICAL GEAR REDUCER



BFAF系列平行轴斜齿轮减速机
BFAF SERIES PARALLEL SHAFT HELICAL GEAR REDUCER

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一、性能特点:

- 1.FECO减速机是在模块组合体系的基础上设计的,可以方便地配合使用各种型式的电动机或采用其它其它动力输入。同种机型可配用多种功率的电动机。容易实现各种机型之间的组合联接。
- 2.传动效率高,单机型减速机效率高达96%。
- 3.传动比划分细,范围广。组合机型可以形成较大的传动比,输出转速低。
- 4.安装形式多样,可任意位置卧式或法兰安装。

二、场所条件:

- 1.环境温度-40℃~50℃。(0℃以下启动时润滑油要加热到0℃以上)
- 2.海拔不超过1000米。
- 3.输入转速不大于1800rpm,齿轮最高圆周速度不超过22m/s。
- 4.可用于正反转。
- 5.无行业限制。
- 6.其它条件下使用请与我公司技术部联系。

一、Characteristics:

- 1. FECO reducers are based on the building bloc design, so it's convenient for them to fit all types of motors or to connect with other power input. The same type of reducers can fit motors with different power, so that it's possible for different types of machines to combine or connect,
- 2. High transmission efficiency .Transmission efficiency of single machine can reach 96%。
- 3. Precise division of transmission ratio with wide range . The combination of machines can produce a larger transmission ratio at a low output rotational speed.
- 4. Various ways of installation. Horizontal installation or and flanged installation can be mounted at any position.

二、Working Environment:

- 1. Working temperature : -40℃ ~ 50℃ (The lubrication should be heated until above 0℃ if the machine works below 0℃.)
- 2. The working place should be lower than 1000 meters above sea level.
- 3. The input rotational speed should not exceed 1800r/min, The circumferential speed of the gear should not exceed 22m/s.
- 4. Suitable for normal-reverse rotation.
- 5. No industry limitation.
- 6. Please consult our technical supporting department for other circumstances.

三、选型指南:

减速机通常是按照每小时起停次数小于10, 常温20℃下, 按恒定转矩设计的。在按选型参数表选择机型号前, 须先了解工作机载荷和工作情况, 在运行功率确定后, 按下面方法选择参数表中的使用系数f_B。

BR、BK、BF、BS 四大系列选型:

- 1. 根据工作机运行功率P(KW)。
- 2. 根据工作机的载荷特征和每天工作小时数确定最低工况系数f₁ (表1) 。
- 3. 根据每小时启动次数确定起动系数f₂ (表2)
- 4. 计算总工况f_A(MTN系列须考虑环境温度系数f₃见表3)。
$$f_A = f_1 \times f_2 \quad (f_A = f_1 \times f_2 \times f_3)$$
- 5. 根据减速机运行功率和输出转速由选型表选定减速机规格, 同时必须满足f_A≤选型参数表提供使用系数f_B。

- 注: ☐如用户对减速机可靠性要求较高, 须考虑必要的安全系数或来电咨询。
- ☐输出端的径向载荷及轴向载荷, 请与我公司技术部联系。
- ☐减速机的使用与维护请参阅随机附带《减速机使用说明书》。

三、Instructions for Selection:

Speed reducer is designed by referring to invariable torque on the condition of normal temperature below 20℃, with on-off frequency less than 10 times per hour. Before selecting machine model according to model selection parameter table, it is required to know the load and operating condition f_B in parameter table according to the following methods.

Modeling of BR、BK、BF、BS four series

- 1. To confirm operating power P(KW) of working machine;
- 2. To confirm the lowest operating mode coefficient f₁ (Table 1) according to load features of working machine and daily operating hours;
- 3. To confirm startup coefficient f₂ (Table 2) according to the number of starts per hour;
- 4. To calculate total operating mode coefficient f_A;(Ambient temperature coefficient f₃ (Table 3) must be considered for MTN series.)
$$f_A = f_1 \times f_2 \quad (f_A = f_1 \times f_2 \times f_3)$$
- 5. To select the specifications of speed reducer from model selection table according to its operating power and output rotating speed, meanwhile it is necessary to ensure that f_A≤utilization coefficient f_B offered in model selection parameter table.

- Notes: ☐If users have higher reliability requirements for speed reducer, certain safety coefficient must be multiplied or you can call us for further consultation;
- ☐If users have higher reliability requirements for speed reducer, certain safety coefficient must be multiplied or you can call us for further consultation;
- ☐Please contact the technical department of our company for any information on radial load and axial load of output terminal;Please refer to the <Operation instructions of speed reducer> attached with the machine.

表1 工作机最低工况系数 f₁

工作机		日带载工作时间（小时）			工作机		日带载运行时间（小时）		
		≤0.5	>0.5~10	>10			≤0.5	>0.5~10	>10
污水处理	浓缩器	—	—	1.2	起重机械	回转机构*	1	1.4	1.8
	压滤波器	1	1.3	1.5		俯仰机构	1	1.4	1.8
	絮凝器	0.8	1	1.3		行走机构	1.5	1.75	2
	曝气机	—	1.8	2		提升机构	1	1.1	1.4
	搂集设备	1	1.2	1.3		转臂式起重机	1	1.2	1.6
	纵向、回转组合接集装置	1	1.3	1.5	化学工业	挤压机	—	—	1.6
	预缩器	—	1.1	1.3		调浆机	—	1.8	1.8
	螺杆泵	—	1.3	1.5		橡胶研光机	—	1.5	1.5
	水轮机	—	—	2		冷却圆筒	—	1.3	1.4
	离心机	1	1.2	1.3		混料机，用于均匀介质	1	1.3	1.4
	1个活塞容积式泵	1.3	1.4	1.8		混料机，用于非均匀介质	1.4	1.6	1.7
	>1个活塞容积式泵	1.2	1.4	1.5		搅拌机，用于密度均匀介质	1	1.3	1.5
挖泥机	斗式运输机	/	1.6	1.6		搅拌机，用于密度非均匀介质	1.2	1.4	1.6
	倾泻装置	/	1.3	1.5		烘炉	1	1.3	1.5
	行走机构*	1.2	1.6	1.8	风机类	离心机	1	1.2	1.3
	斗轮式挖掘机：用于捡拾	/	1.7	1.7		冷却塔风扇	—	—	2
	斗轮式挖掘机：用于粗斜	/	2.2	2.2		风机（轴流和离心式）	—	1.4	1.5
	切碎机	/	2.2	2.2	蔗糖生产	甘蔗切碎机	—	—	1.7
钢铁行业	拉线机	1.25	1.5	1.75		甘蔗碾磨机	—	—	1.7
	绕线机	1	1.25	1.5	甜菜糖生产	甜菜搅碎机	—	—	1.2
	集中驱动辊道（无反转）	1.25	1.5	1.75		榨取机，机械制冷机，蒸煮机	—	—	1.4
	单驱动辊道（无反转）	1.5	1.75	2		甜菜清洗机	—	—	1.5
	集中驱动辊道（有反转）	1.75	2.25	2.5		甜菜切碎机	—	—	1.5
纺织工业	单驱动辊道（有反转）	2	2.25	2.75	索道缆车	运货索道	—	1.3	1.4
	织机	1.25	1.5	1.75		往返系统空中索道	—	1.6	1.8
	纺纱机	1	1.25	1.5		T型杠升降机	—	1.3	1.4
输送机械	洗涤机	1	1.25	1.5		连续索道	—	1.4	1.6
	斗式输送机	—	1.2	1.5	水泥工业	混凝土搅拌车	—	1.5	1.5
	绞车	1.4	1.6	1.6		破碎机*	—	1.2	1.4
	卷扬机	—	1.5	1.8		回转窑	—	—	2
	皮带输送机≤150KW	1	1.2	1.3		管式磨机	—	—	2
	皮带输送机>150KW	1.1	1.3	1.4		选拌机	—	1.6	1.6
	货用电梯*	—	1.2	1.5		辊压机	—	—	2
	客用电梯*	—	1.5	1.8	造纸机械	各种类型**	—	1.8	2
	刮板运输机	—	1.2	1.5		碎浆机驱动装置	—	2	2.25
	自动扶梯	—	1.2	1.4	压缩机	往复式压缩机	—	1.8	1.9
	轨道行走机构	—	1.5	—		离心式压缩机	—	1.4	1.5

工作机额定功率P2的确定： *)按最大扭矩确定额定功率。 **) 检验热功率是绝对必要的。

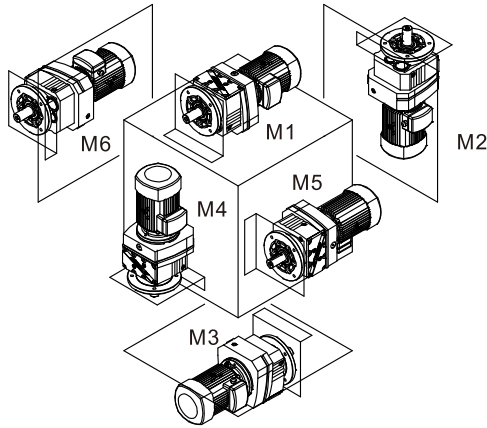
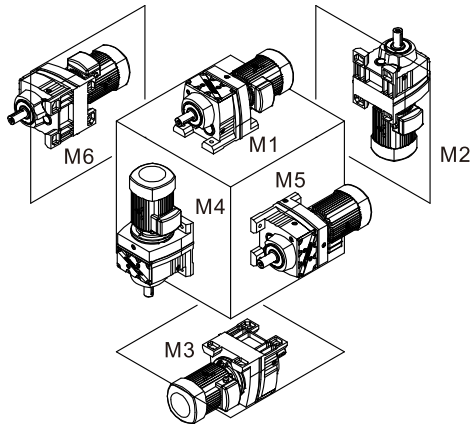
表2 起动系数 f₂

起动次数/每小时	≤0.5h	>0.5-10h	>10h
<10	1	1	1
<100	1.15	1.25	1.4
<500	1.25	1.4	1.7

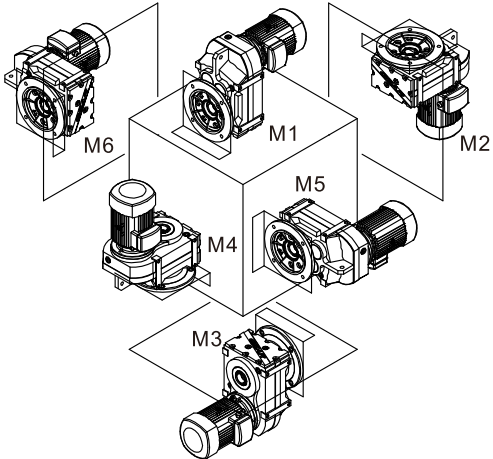
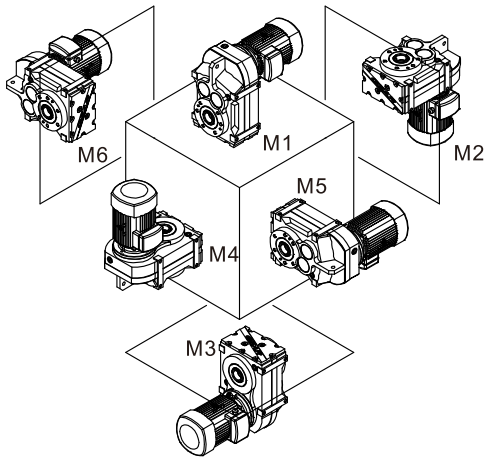
表3 环境温度系数 f₃

环境温度	10℃	20℃	30℃	40℃	50℃
环境温度系数f ₃	0.88	1	1.15	1.35	1.65

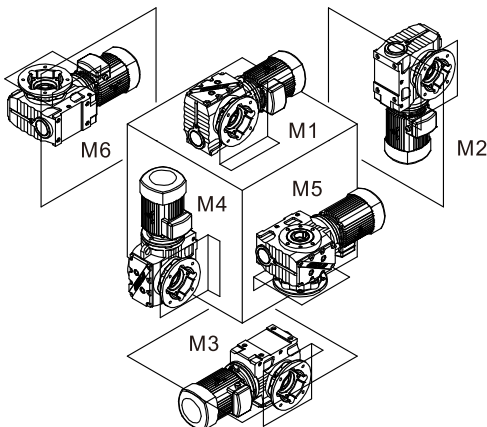
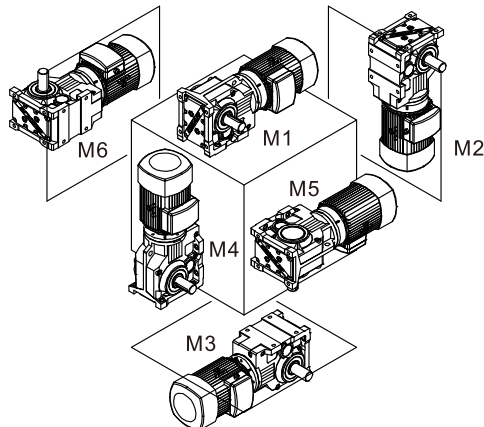
四、安装位置预览



BR
同轴-斜齿轮减速机
In-line shaft helical gear redactor



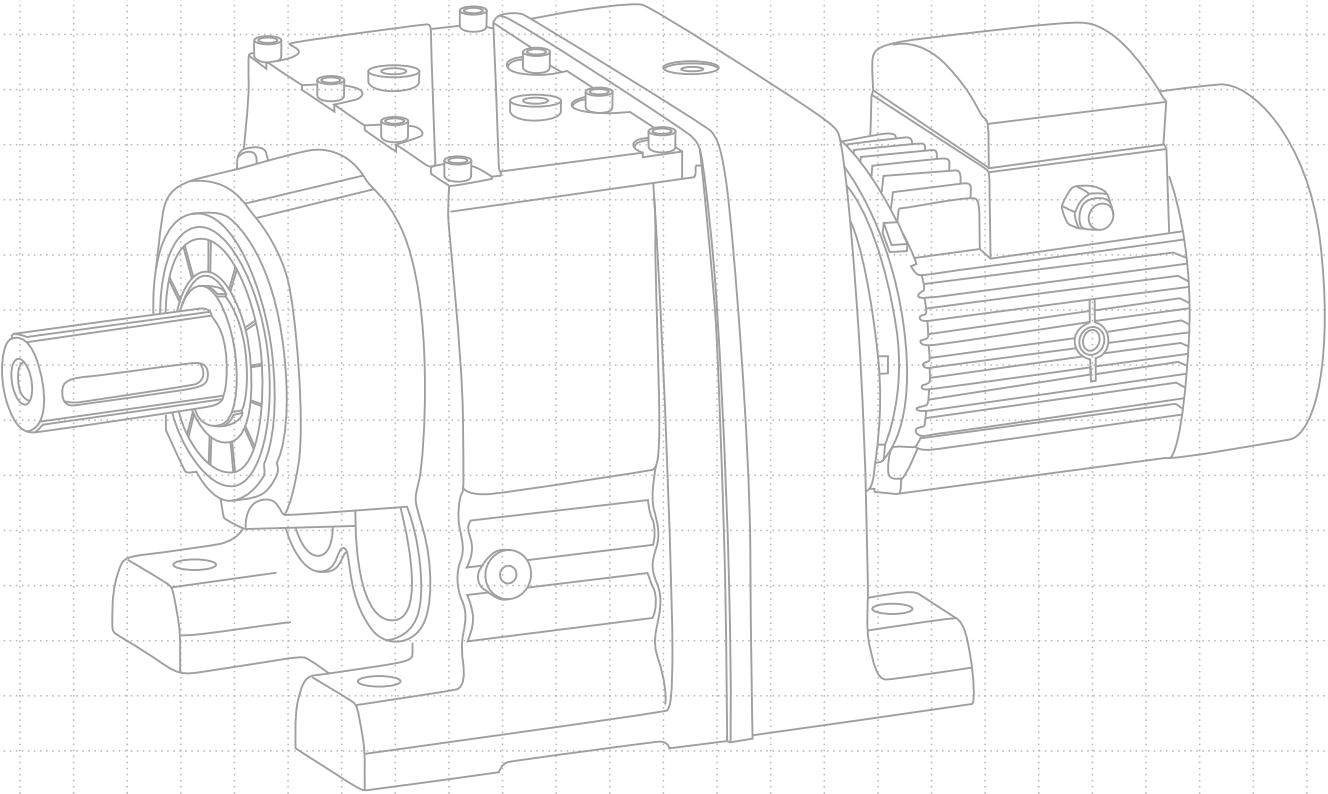
BF
平行轴-斜齿轮减速机
Parallel shaft helical gear redactor



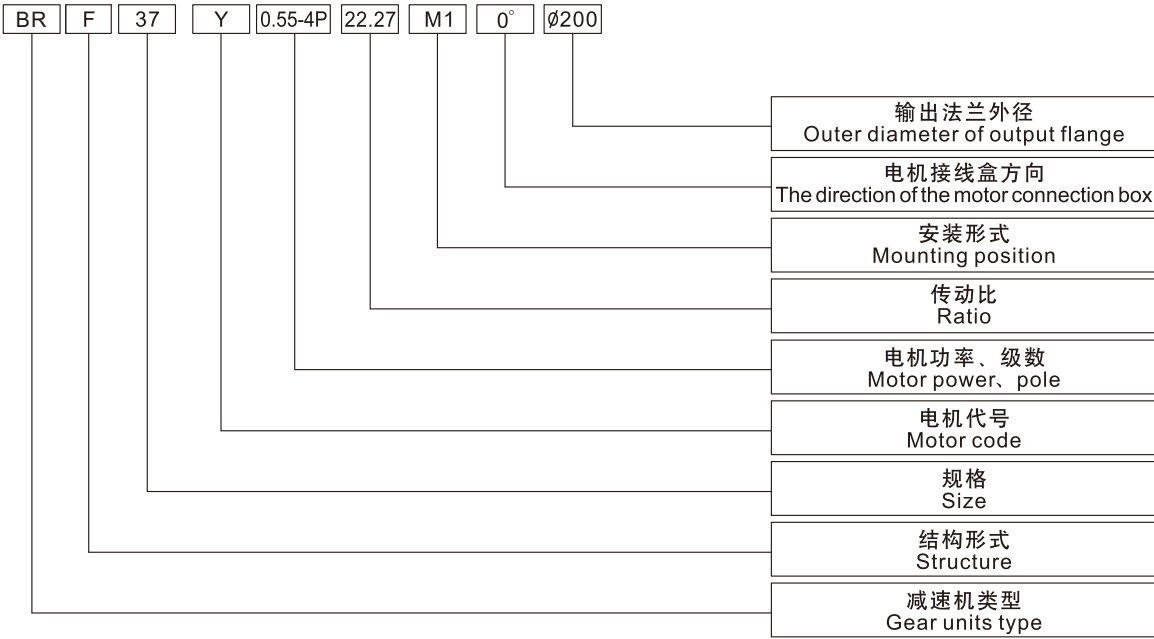
BK、BS
直交轴减速机
Orthogonal shaft reductor

FECO
TRANSMISSION

BR系列斜齿硬齿面减速机
BR Series Helical Gear Reductor



一、型号说明 Instructions for Models



- 1、减速机类型及结构形式(见页 7)
2、减速机规格(见选型参数表)
3、电机类型代号

Gear units type and structure(page 7)
Size (see selection table)
Codes for Motor Tyoes:

Y(Y2)系列普通电机 Y(Y2)series motor	Y(Y2)	防爆电机 Flameproof Motor	YB	直流电机 Direct Current Motor	Z
制动电机 Brake motor	YEJ	辊道电机 Roll Motor	YGa(YG B)	变频电机 Variable Frequency Motor	YVP
变频制动电机 Transduction braking	YVPEJ	变频辊道电机 Transduction roller way	YGP	冶金起重 Metallurgy hoisting	YZR
客户自配电机 Motor supplied by customer	ZP				

- 4、电机功率、极数:(见选型参数表)
5、传动比:(见选型参数表)
6、安装形式:M1、M2、M3、M4、M5、M6(见安装形式图)
7、输出法兰外径:(见外型安装尺寸图)底脚安装时省略
8、联接法兰:配标准电机时用直联电机可省略

Motor power 、pole:(see selection table)
Ratio:(see selection table)
Mounting position:M1、M2、M3、M4、M5、M6(see Mounting position)
Outer diameter of output flange:
(See the chart of mouting dimension sheets-overview)
It will be omitted when foot mouting.
Coupling flange: with standard motor,motor straight ellipsis



二、结构形式 Mounting type

1. BR..7型

底脚安装三级或二级斜齿轮减速机。

1.Model BR..7

Three-stage or two-stage foot-mounted helical gear redactor
2. BRF..7型

法兰安装三级或二级斜齿轮减速机。

2.Model BRF..7

Three-stage or two-stage flange-mounted helical gear redactor
3. BRX..7型

底脚安装单级斜齿轮减速机。

3.Model BRX..7

Single-stage foot-mounted helical gear redactor
4. BRXF..7型

法兰安装单级斜齿轮减速机。

4.Model BRXF..7

Single-stage flange-mounted helical gear redactor
5. BR..7BR..7型

两BR..7机型组合减速机

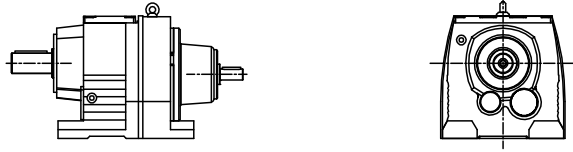
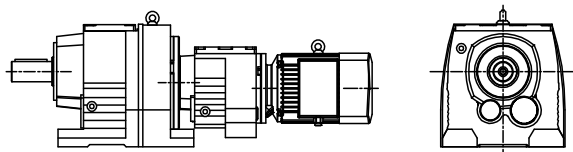
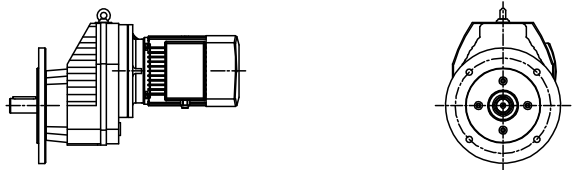
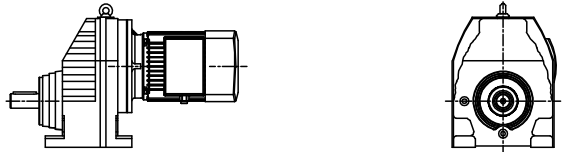
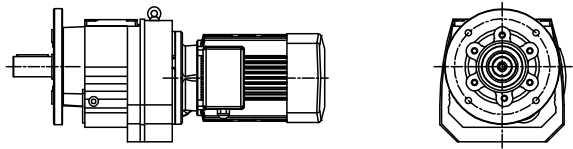
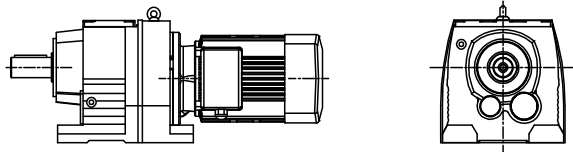
5.Model BR..7BR..7

Combination of two Model BR..7 redactors’
6. BR.S..7型，D..S..1型

输入轴型，即配输入轴不配电动机的斜齿轮减速机

6.Model BR..S..7,D..S..1

Input-shaft style ,in another word, helical gear redactor equipped with input shaft but without the motor



三、润滑油量表 Lubrication table

机型号 type	润滑油量（升） Fill quantity in liters					
	M1 ¹⁾	M2 ¹⁾	M3	M4	M5	M6
BR17	0.25	0.6	0.35	0.6	0.35	0.35
BR27	0.25/0.4	0.7	0.4	0.7	0.4	0.4
BR37	0.3/1	0.9	1	1.1	0.8	1
BR47	0.7/1.5	1.6	1.5	1.7	1.5	1.5
BR57	0.8/1.7	1.9	1.7	2.1	1.7	1.7
BR67	1.1/2.3	2.6/3.5	2.8	3.2	1.8	2
BR77	1.2/3	3.8/4.3	3.6	4.3	2.5	3.4
BR87	2.3/6	6.7/8.4	7.2	7.7	6.3	6.5
BR97	4.6/9.8	11.7/14	11.7	13.4	11.3	11.7
BR107	6/13.7	16.3	16.9	19.2	13.2	15.9
BR137	10/25	28	29.5	31.5	25	25
BR147	15.4/40	46.5	48	52	39.5	41
BR167	27/70	82	78	88	66	69

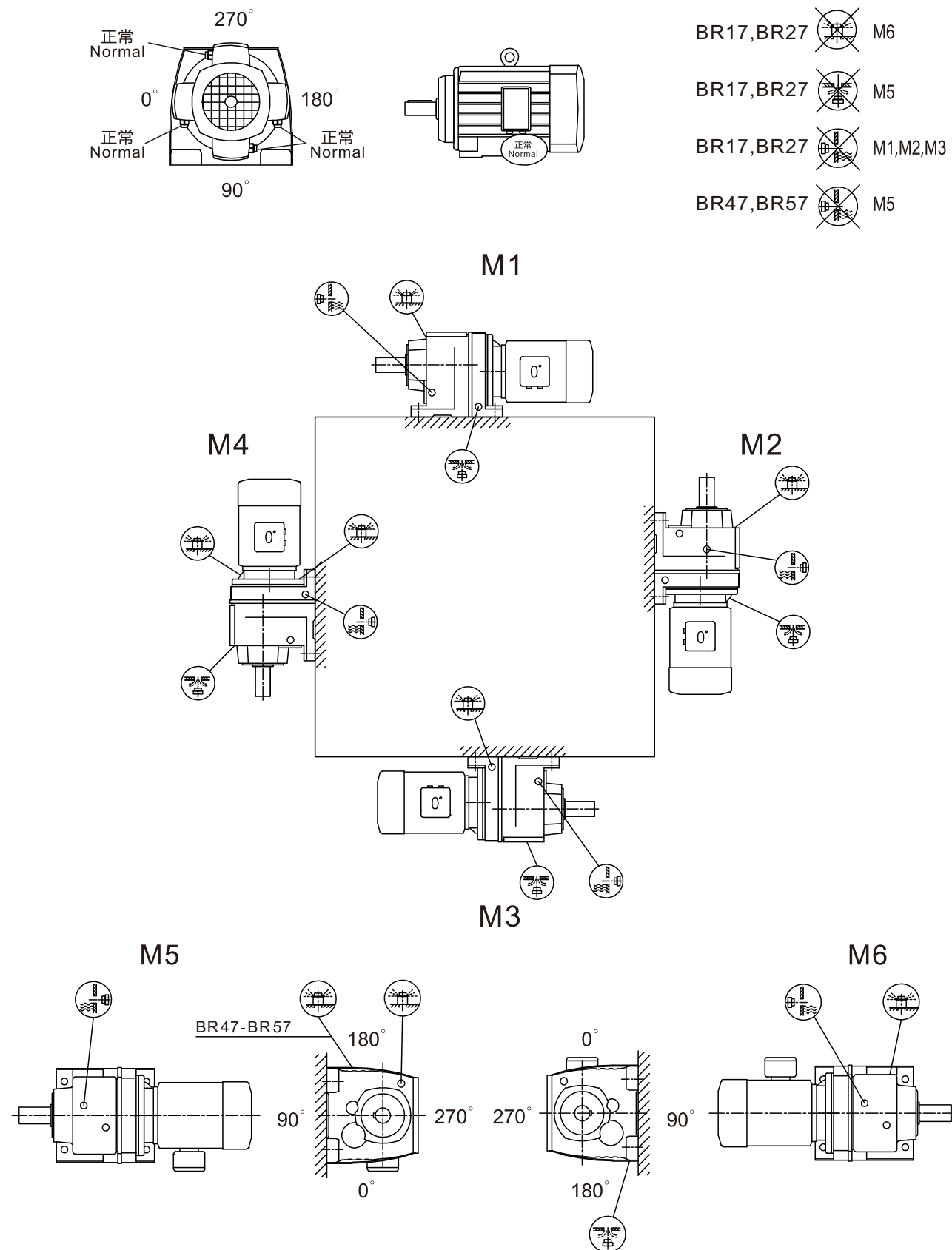
机型号 type	润滑油量（升） Fill quantity in liters					
	M1 ¹⁾	M2 ¹⁾	M3	M4	M5	M6
BRF17	0.25	0.6	0.35	0.6	0.35	0.35
BRF27	0.25/0.4	0.7	0.4	0.7	0.4	0.4
BRF37	0.4/1	0.9	1	1.1	0.8	1
BRF47	0.75/1.5	1.6	1.5	1.7	1.5	1.5
BRF57	0.8/1.7	1.8	1.7	2	1.7	1.7
BRF67	1.2/2.5	2.6/3.6	2.7	3.1	1.9	2.1
BRF77	1.2/2.6	3.8/4.1	3.3	4.1	2.4	3
BRF87	2.4/6	6.8/7.9	7.1	7.7	6.3	6.4
BRF97	5.1/10.2	11.9/14	11.2	14	11.2	11.8
BRF107	6.3/14.9	15.9	17	19.2	13.1	15.9
BRF137	9.5/25	27	29	32.5	25	25
BRF147	16.4/42	47	48	52	42	42
BRF167	26/70	82	78	88	65	71

机型号 type	润滑油量（升） Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
BRX57	0.6/0.5	0.8	1.3/1.1	1.3/1.1	0.9/0.7	0.9/0.7
BRX67	0.8/0.7	0.8	1.7/1.5	1.9/1.7	1.1/1	1.1/1
BRX77	1.1/0.9	1.5	2.6/2.4	2.7/2.5	1.6	1.6
BRX87	1.7/1.6	2.5	4.8/4.9	4.8/4.7	2.9	2.9
BRX97	2.1	3.4/3.6	7.4/7.1	7	4.8	4.8
BRX107	3.9/3.1	5.6/5.9	11.6/11.2	11.9/10.5	7.7/7.2	7.7/7.2

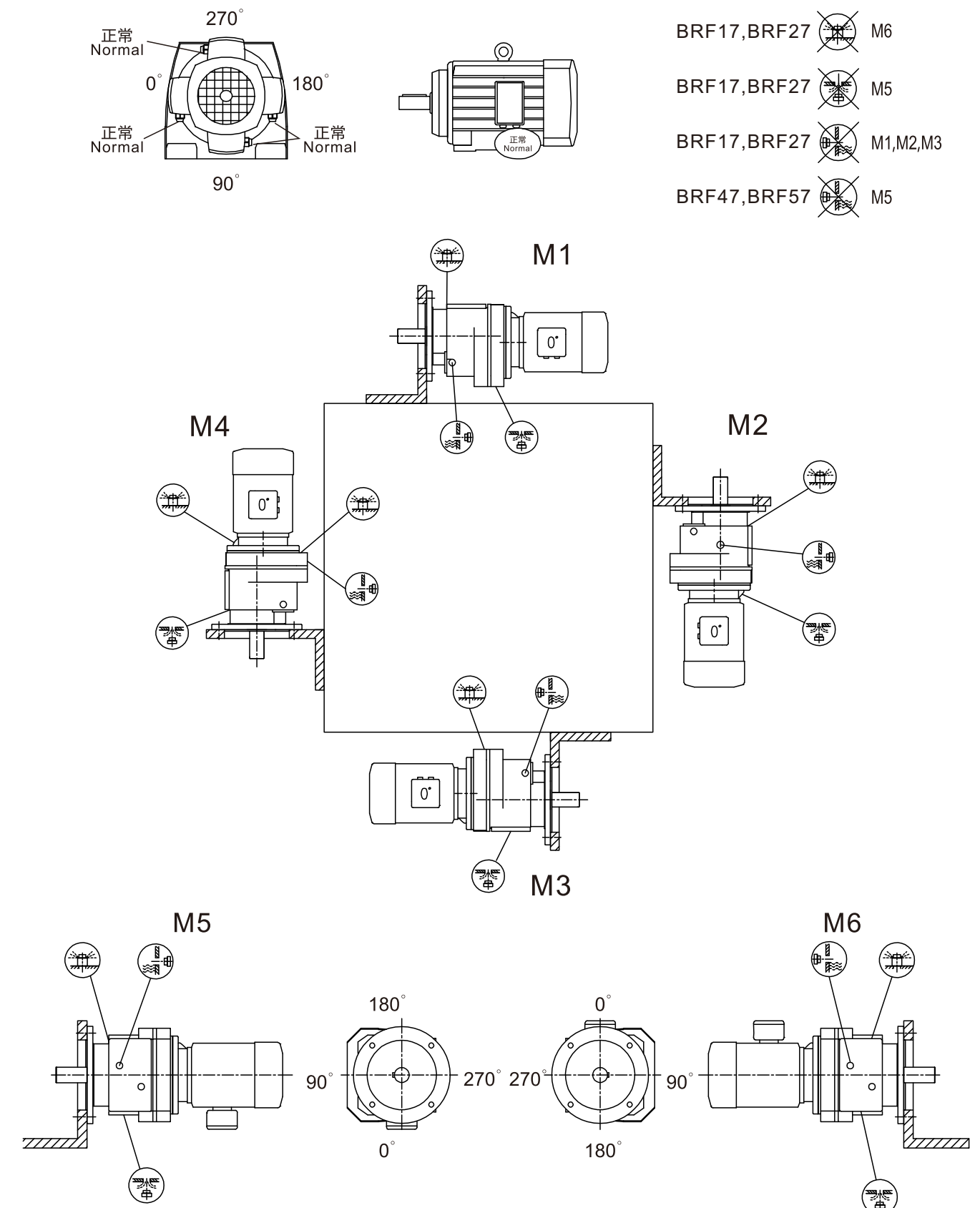
注: 1) 表示减速机为组合型时低速级加油量为最大。
Notes: 1) The large gear unit of multi-stage gear units must be filled with the larger oil volume



四、BR17-BR167安装形式图 BR17-BR167 Mounting position example

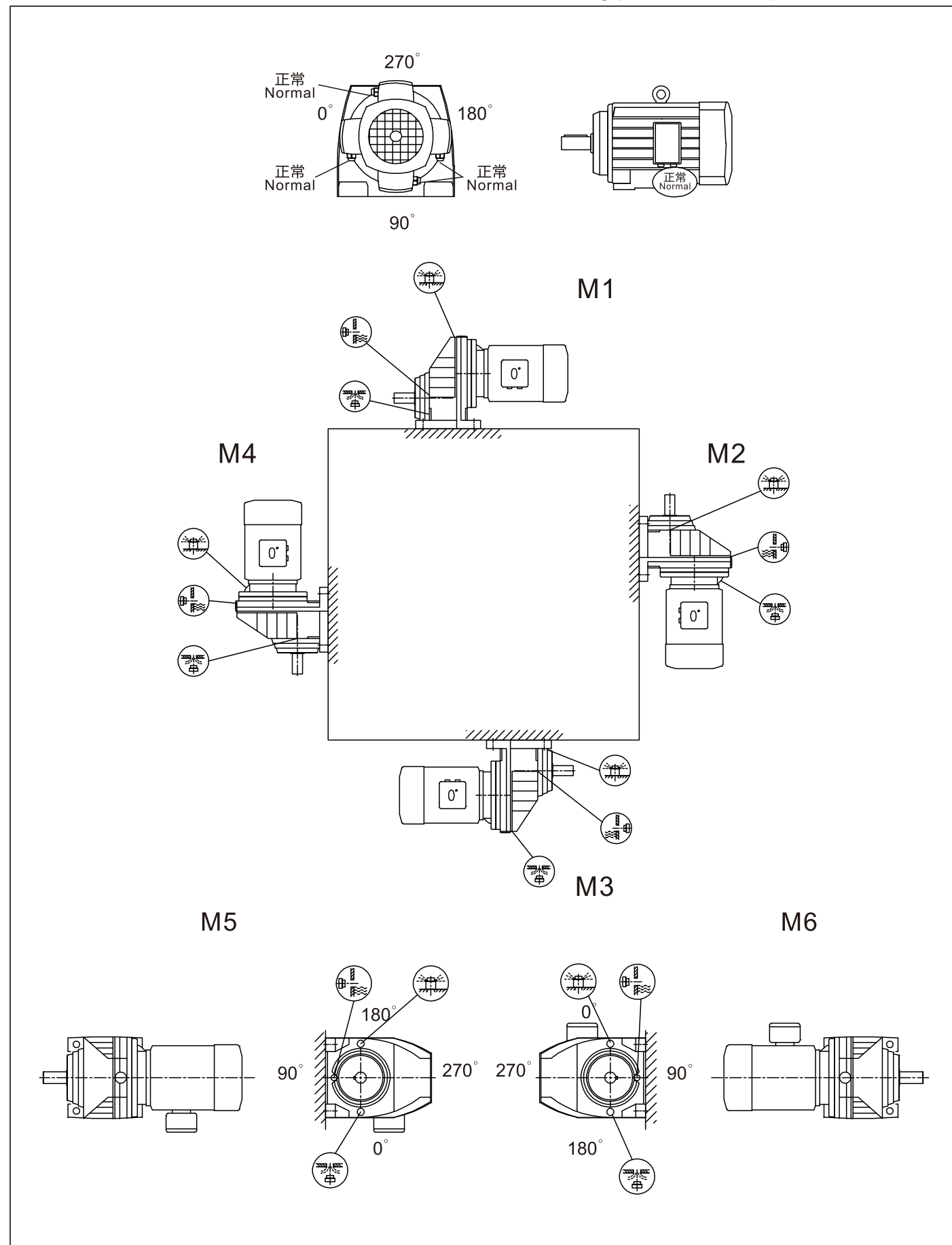


BRF17-BRF167安装形式图 BRF17-BRF167 Mounting position example

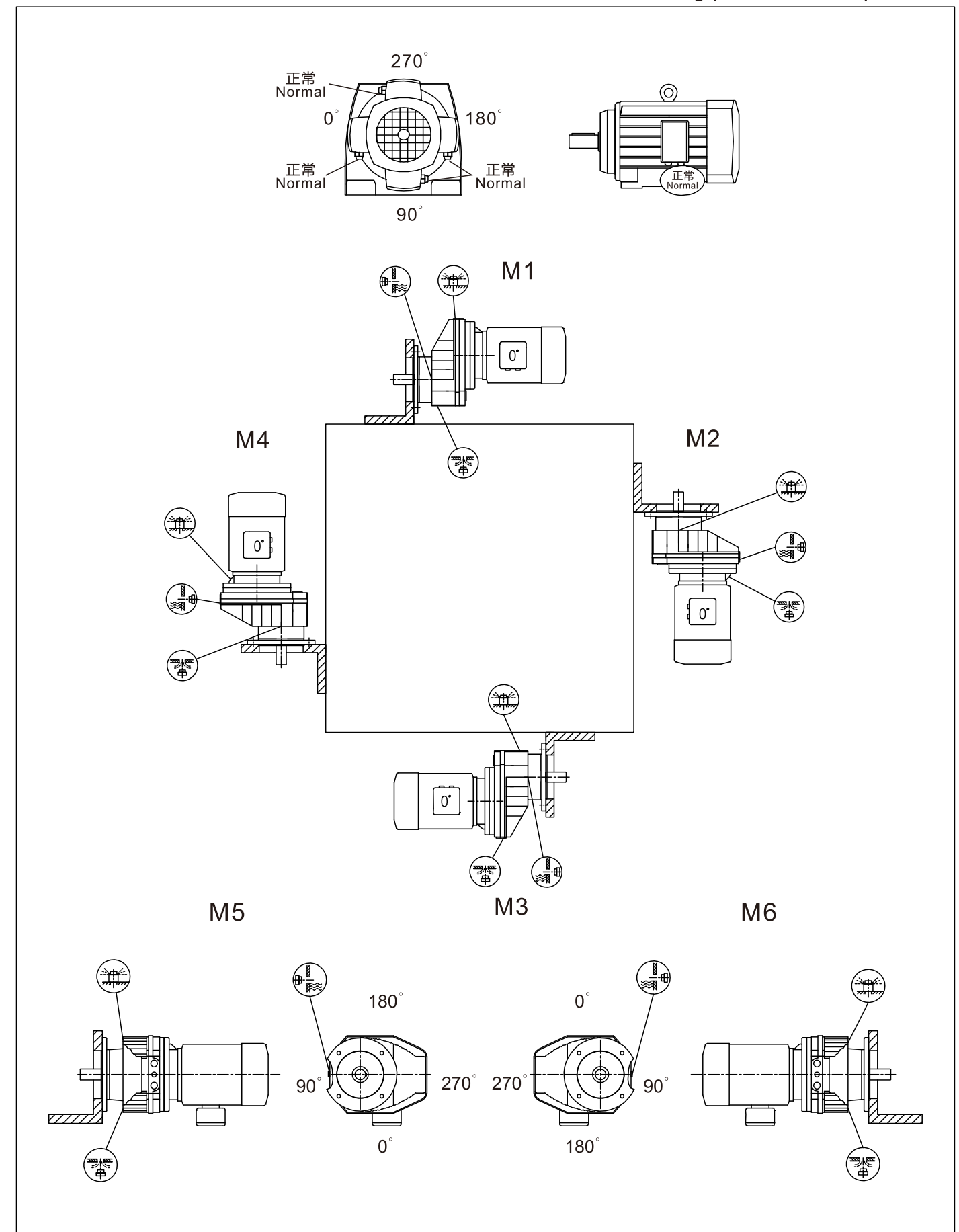




BRX57-BRX107安装形式图 BRX57-BRX107 Mounting position example



BRXF57-BRXF107安装形式图 BRXF57-BRXF107 Mounting position example





五、BR系列主机重量表 Main machine weihgt form of BR series

型号Type	BR07	BR17	BR27	BR37	BR47	BR57	BR67	BR77	BR87	BR97	BR107	BR137	BR147	BR167
重量(kg) weight(kg)	4.5	6.5	8	15	18	23	29	35	65	102	162	248	420	762
型号Type	BRF07	BRF17	BRF27	BRF37	BRF47	BRF57	BRF67	BRF77	BRF87	BRF97	BRF107	BRF137	BRF147	BRF167
重量(kg) weight(kg)	4.5	6.5	8	16	18	26	32	41	72	118	168	272	430	770
型号Type	BRX57	BRX67	BRX77	BRX87	BRX97	BRX107								
重量(kg) weight(kg)	11	14	24	41	68	103								
型号Type	BRXF57	BRXF67	BRXF77	BRXF87	BRXF97	BRXF107								
重量(kg) weight(kg)	13	18	27	46	75	118								

六、选型参数表释义 Explanation of Parameter Selection List

使用系数fb service factor fb							
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55	0.75
365	3.83				4.42	3.08	2.33
310	4.51				4.01	2.80	2.11
275	5.09				3.97	2.77	2.09
243	5.76				3.46	2.42	1.82

输出扭矩 T (N·M) output torque T (N·M)						
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55
365	3.83				9.6	14
310	4.51				11	16
275	5.09				13	18
243	5.76				14	21

注： 1.名义输出转速统一按照电机转速1400r/min 计算(4极电机)
2.表中标注使用系数的配置均可用于直连,如 电机功率或速比超出使用系数配置范围,则向技术部咨询.
3.如遇到配置相同功率的6级及8级电机,使用系数值 相应按原使用系数的2/3和1/2计算,如:减速机速比3. 83,配 0. 37KW-6P电机,则使用系数为4. 42×2/3=2. 95;输出扭矩值相应按原输出扭矩值的1. 5和2计算, 如:减速机速比 3. 83,配0. 37KW-6P电机,则输出扭矩为9. 6×1. 5=14. 4.

Note: 1.Nominal output speed unified calculated according to the motor speed of 1400 r/min (4 pole motor)
2.Mark using coefficient of configuration in the table can be used to straight league motor, if motor power or speed ratio exceeds the scope using coefficient of configuration,please consult technical department.
3.If the configuration is the same power but level 6 or 8 motor, use coefficient values according to the corresponding coefficient of the original use of 2/3 or 1/2computation,such as:reducer ratio With 0.37 kw - 6 p motor, uses coefficient is 4.42×2/3=2.95; Corresponding output torque value is calculated based on 1.5 or 2 original output torque value,such as: reducer ratio of 3.83, and 0.37 KW - 6 p motor,the output torque of 9.6 * 1.5 = 14.4.

三相异步电机实际转速(参考) Three-phase asynchronous motor actual speed(refer to)				三相异步电机实际转速(参考) Three-phase asynchronous motor actual speed(refer to)			
电机功率 (4极) Motor power (4P)	KW	电机转速 Motor speed	r/min	电机功率 (4极) Motor power (4P)	KW	电机转速 Motor speed	r/min
0.12		1310		15		1470	
0.18		1310		18.5		1470	
0.25		1330		22		1470	
0.37		1330		30		1475	
0.55		1380		37		1480	
0.75		1420		45		1480	
1.1		1430		55		1480	
1.5		1430		75		1485	
2.2		1445		90		1485	
3		1445		110		1485	
4		1450		132		1485	
5.5		1460		160		1485	
7.5		1460		200		1485	
11		1470					

BRX系列选型参数表: BRX57 BRX Series Parameter Selection Table: BRX57

使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	额定输出扭矩 Rated output torque T2N(N·M)
1111	1.26					13.0	8.95	6.6	4.8	3.4	2.50	1.86	1.34	60
946	1.48					12.0	8.37	6.1	4.5	3.1	2.30	1.70	1.25	65
848	1.65	49.0	31.0	23.0	16.0	11.0	7.45	5.6	4.1	2.8	2.00	1.55	1.15	65
729	1.92	43.0	28.0	20.0	14.0	9.3	6.63	4.8	3.5	2.4	1.75	1.35	1.00	67
686	2.04	41.0	26.0	19.0	13.0	8.7	6.39	4.5	3.3	2.3	1.65	1.25	0.90	68
591	2.37	35.0	22.0	16.0	11.0	7.5	5.47	3.9	2.9	1.95	1.40	1.10		64
530	2.64	31.0	20.0	14.0	10.0	6.8	4.63	3.5	2.6	1.75	1.30	0.95		64
481	2.91	28.0	18.0	13.0	8.9	6.0	4.01	3.1	2.3					64
446	3.14	25.0	16.0	11.0	8.1	5.4	3.48	2.8	2.0	1.4	1.00			63
394	3.55	24.0	15.0	11.0	7.6	5.0	3.27	2.6	1.9					66
369	3.79	22.0	14.0	9.9	7.1	4.7	2.82	2.4	1.8					66
322	4.35	19.0	12.0	8.5	6.1	4.1								65
276	5.07	8.6	5.5	3.9	2.8									35
252	5.55	8.5	5.4	3.9	2.8									37

输出扭矩 T (N·M) output torque T (N·M)														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	输出轴径向力 Radial Force of output shaft Fr2(N)
1111	1.26					4.6	6.3	9	12	17	25	32	44	196
946	1.48					5.4	7.3	10	14	21	29	38	51	196
848	1.65	1.3	2.1	2.9	4.0	6.1	8.2	11	16	24	32	42	58	196
729	1.92	1.5	2.4	3.3	4.7	7.0	9.5	13	19	28	37	49	67	196
686	2.04	1.6	2.6	3.5	4.9	7.5	10	14	20	29	40	52	71	208
591	2.37	1.9	2.9	4.2	5.8	8.7	11	17	23	33	47	61		1300
530	2.64	2.1	3.2	4.6	6.5	9.5	13	19	26	37	51	67		2244
481	2.91	2.3	3.6	5.0	7.1	10	14	21	29					2380
446	3.14	2.5	3.9	5.5	7.6	11	15	23	30	45	61			2380
394	3.55	2.8	4.4	6.2	8.6	13	17	26	34					2626
369	3.79	2.9	4.7	6.7	9.2	14	19	27	37					2626
322	4.35	3.4	5.4	7.6	10	16	22							2848
276	5.07	4.0	6.3	8.8	12									3043
252	5.55	4.4	6.8	9.5	13									3043

BRX系列选型参数表: BRX67 BRX Series Parameter Selection Table: BRX67

使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5
1000	1.40							9.9	7.3	5.0	3.6	2.8	2.0	1.50
870	1.61					18	14	9.4	7.0	4.8	3.5	2.6	2.0	1.40
753	1.86					18	13	9.1	6.7	4.6	3.3	2.5	1.9	1.35
686	2.04		50	35	26	17	13	8.8	6.4	4.4	3.2	2.4	1.8	1.30
583	2.40		40	28	20	13	9.8	6.8	5.0	3.4	2.5	1.9	1.4	1.00
551	2.54		36	25	18	12	8.9	6.2	4.6	3.1	2.3	1.8	1.3	0.95
484	2.89		28	20	14	9.5	7.1	4.9	3.6	2.5	1.8	1.4		98
438	3.20		24	17	12	8.1	6.0	4.2	3.1	2.1	1.55	1.2		94
371	3.77		18	13	9	6.0	4.4	3.1	2.3	1.55	1.15			83
329	4.25	22	14	10	7.4	4.9	3.6	2.5	1.87					74
309	4.53	22	14	9.9	7.1	4.7	3.5	2.4	1.80					78
270	5.18	17	11	7.9	5.6	3.8	2.8							67
231	6.07	8.6	5.4	3.9	2.8									42

输出扭矩 T (N·M) output torque T (N·M)														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5
1000	1.40							10	13	20	28	36	48	67
870	1.61					5.9	7.9	11	15	23	31	41	56	77
753	1.86					6.8	9.1	13	18	27	36	48	65	88



FECO
TRANSMISSION

BRX系列选型参数表: BRX67 BRX Series Parameter Selection Table: BRX67

输 出 扭 矩 T (N·M) output torque T (N·M)															
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	输出轴径向力 Radial Force of output shaft Fr2(N)
686	2.04		2.6	3.6	4.9	7.5	10	14	20	29	40	52	71	97	208
583	2.40		2.9	4.2	5.8	8.8	12	17	23	34	47	62	84	114	1300
551	2.54		3.1	4.5	6.2	9.3	12	18	25	36	49	65	88	121	2244
484	2.89		3.6	5.0	7.0	10	14	21	28	41	56	74			2380
438	3.20		4.0	5.6	7.8	11	16	23	31	46	63	82			2380
371	3.77		4.7	6.6	9.2	14	19	27	36	53	73				2626
329	4.25	3.4	5.3	7.4	10	16	21	30	41						2848
309	4.53	3.6	5.6	7.9	11	17	23	32	44						2848
270	5.18	4.1	6.4	9.0	12	19	26								3043
231	6.07	4.8	7.5	10	15										3409

BRX 系列选型参数表: BRX77 BRX Series Parameter Selection Table: BRX77

使用系数fb service factor fb										
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	1.1	1.5	2.2	3	4	5.5	7.5	11	额定输出扭矩 Rated output torque T2N(N • M)
986	1.42			7.3		4.1	3.0	2.20	1.50	146
838	1.67			7.0		3.9	2.8	2.10	1.40	168
745	1.88			6.7		3.7	2.7	2.00	1.35	181
657	2.13			6.3		3.5	2.6	1.85	1.30	189
576	2.43		8.7	5.9		3.3	2.40	1.75	1.20	201
519	2.70		7.9	5.4		3.0	2.20	1.60		205
455	3.08		6.2	4.2	3.1	2.3	1.70	1.25		185
431	3.25		5.5	3.8	2.7	2.10	1.50	1.10		175
381	3.67		4.1	2.8	2.0	1.56				146
347	4.04		3.5	2.4	1.8	1.30				137
296	4.73	3.5	2.6	1.8	1.3					119
264	5.30	2.6	1.9							99
249	5.63	2.6	1.9							104

输 出 扭 矩 T (N•M) output torque T (N•M)										
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	1.1	1.5	2.2	3	4	5.5	7.5	11	输出轴径向力 Radial Force of output shaft Fr2(N)
986	1.42			20		36	49	67	99	268
838	1.67			24		43	58	80	116	268
745	1.88			27		48	66	89	130	285
657	2.13			30		54	74	102	147	370
576	2.43		24	34		62	85	116	168	433
519	2.70		26	38		69	94	128		944
455	3.08		29	44	60	79	107	146		2176
431	3.25		31	46	64	83	113	155		2720
381	3.67		36	52	72	94				3446
347	4.04		39	57	79	104				3825
296	4.73	34	46	67	92					3825
264	5.30	38	51							4454
249	5.63	40	54							4760

BRX系列选型参数表: BRX87 BRX Series Parameter Selection Table: BRX87

使用系数fb service factor fb										
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	3	4	5.5	7.5	11	15	18.5	22	额定输出扭矩 Rated output torque T2N(N • M)
1007	1.4				4.20	2.90	2.10	1.75	1.45	281
875	1.6				3.90	2.70	2.00	1.65	1.35	296
725	1.9				3.70	2.50	1.90	1.55	1.30	340
651	2.2			4.9	3.60	2.50	1.80	1.50	1.25	371
565	2.5			4.50	3.30	2.20	1.65	1.35	1.15	389



BRX系列选型参数表: BRX87 BRX Series Parameter Selection Table: BRX87

		使用系数fb service factor fb								额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	3	4	5.5	7.5	11	15	18.5	22	
507	2.8			4.00	2.90	2.00	1.50	1.20	1.00	380
453	3.1			3.60	2.60	1.80	1.35			382
402	3.5			3.20	2.30	1.60	1.20			380
370	3.8	3.9	3.00	2.20	1.60					285
311	4.5	3.2	2.40	1.75	1.30					279
276	5.1	2.4	1.85							238
252	5.6	2.0	1.50							216
217	6.5	1.5								181

		输 出 扭 矩 T (N·M) output torque T (N·M)								输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	3	4	5.5	7.5	11	15	18.5	22	
1007	1.4				67	97	130	160	190	144
875	1.6				76	111	149	183	219	144
725	1.9				92	134	180	223	261	148
651	2.2			75	103	149	200	247	295	376
565	2.5			86	118	172	233	285	337	340
507	2.8			96	131	190	257	318	375	1020
453	3.1			107	147	214	290			1658
402	3.5			122	165	242	323			2321
370	3.8	73	97	132	180					4276
311	4.5	87	115	157	214					4675
276	5.1	99	130							5083
252	5.6	108	143							5372
217	6.5	125								5823

BRX系列选型参数表: BRX97 BRX Series Parameter Selection Table: BRX97

		使用系数fb service factor fb							额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	5.5	7.5	11	15	18.5	22	30	
986	1.4	8.8		4.40	3.30	2.70	2.20	1.65	431
854	1.6	8.4		4.20	3.20	2.60	2.20	1.60	479
714	2.0	7.9		4.00	3.00	2.40	2.00	1.50	537
625	2.2	7.2		3.60	2.70	2.20	1.85	1.35	562
530	2.6	6.10		3.10	2.30	1.85	1.55	1.15	561
479	2.9	5.50	4.10	2.80	2.10	1.70	1.40	1.05	561
424	3.3	4.90	3.60	2.50	1.85	1.50	1.25		564
385	3.6	4.50	3.30	2.20	1.65	1.35	1.15		572
347	4.0	4.00	2.90	2.00	1.50				568
310	4.5	3.60	2.60	1.80	1.35				569
285	4.9	2.20	1.60						376
242	5.8	1.95	1.45						398

		输 出 扭 矩 T (N·M) output torque T (N·M)							输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	5.5	7.5	11	15	18.5	22	30	
986	1.4	49		98	132	162	195	261	280
854	1.6	57		113	153	187	223	304	280
714	2.0	68		136	182	223	266	361	298
625	2.2	78		155	209	257	304	413	1584
530	2.6	92		183	247	304	361	489	1683
479	2.9	102	139	204	271	337	399	542	2389
424	3.3	115	157	228	309	380	451		3171
385	3.6	127	173	252	337	418	494		3851
347	4.0	142	195	280	375				5253



BRX系列选型参数表: BRX97 BRX Series Parameter Selection Table: BRX97

		输 出 扭 矩 T (N·M)			output torque T (N·M)					
名义输出转速 output speed (r/min)	电机功率 P Motor power P (KW)	5.5	7.5	11	15	18.5	22	30	输出轴径向力 Radial Force of output shaft Fr2(N)	
	传动比 ratio i									
310	4.5	158	214	314	423				5253	
285	4.9	171	233						5253	
242	5.8	204	276						7225	

BRX系列选型参数表: BRX107 BRX Series Parameter Selection Table: BRX107

名义输出转速 output speed (r/min)		使用系数fb service factor fb									额定输出扭矩 Rated output torque T2N(N·M)
		电机功率P Motor power P (KW)	5.5	7.5	11	15	18.5	22	30	37	45
993	1.41				4.70	3.80	3.20	2.30	1.89	1.58	620
819	1.71				4.20	3.40	2.90	2.10	1.70	1.40	672
718	1.95				4.00	3.30	2.70	2.00	1.65	1.35	728
609	2.30				3.70	3.00	2.50	1.85	1.50	1.25	792
530	2.64			4.30	3.20	2.60	2.20	1.60	1.30	1.10	790
456	3.07			3.70	2.80	2.20	1.90	1.40	1.10	0.90	798
414	3.38			3.40	2.50	2.00	1.70	1.25	1.00	0.85	785
367	3.81			3.00	2.20	1.80	1.50				783
333	4.20		3.90	2.70	2.00	1.65	1.40				780
301	4.65	4.10	3.00	2.10	1.50						664
270	5.19	3.70	2.70	1.85	1.35						670
250	5.61	2.20	1.60								429
211	6.63	1.90	1.40								443

输 出 扭 矩 T (N·M) output torque T (N·M)											
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 ratio i	5.5	7.5	11	15	18.5	22	30	37	45	输出轴径向力 Radial Force of output shaft Fr2(N)
993	1.41				132	162	191	260	321	391	306
819	1.71				160	195	233	318	390	475	306
718	1.95				182	223	266	361	447	542	510
609	2.30				214	266	314	428	527	641	808
530	2.64			183	247	304	361	489	603	732	1879
456	3.07			214	285	352	418	570	703	855	3040
414	3.38			233	314	390	461	627	770	941	3817
367	3.81			266	356	437	518				4718
333	4.20		200	290	390	480	570				5960
301	4.65	162	223	323	432						5960
270	5.19	181	247	361	485						6673
250	5.61	195	266								8245
211	6.63	233	314								8245

BR系列选型参数表: BR17 BR Series Parameter Selection Table: BR17

使用系数fb service factor fb								
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	额定输出扭矩 Rated output torque T2N(N · M)
365	3.83				4.42	3.08	2.33	45
310	4.51				4.01	2.80	2.11	48
275	5.09				3.97	2.77	2.09	51
243	5.76				3.46	2.42	1.82	53
228	6.15				3.31	2.31	1.74	54
199	7.04				2.94	2.05	1.55	55
185	7.55				2.79	1.95	1.47	56
162	8.63				3.14	2.19	1.65	72
138	10.15				2.86	1.99	1.50	77
122	11.45			3.94	2.66	1.86	1.40	81
108	12.98			3.65	2.47	1.72	1.30	85

BR系列选型参数表: BR17 BR Series Parameter Selection Table: BR17

使用系数fb service factor fb								
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	额定输出扭矩 Rated output torque T2N(N · M)
101	13.84			3.42	2.31	1.61	1.22	85
88	15.84			2.99	2.02	1.41	1.06	85
82	16.99		3.81	2.79	1.88	1.31	0.99	85
71	19.71		3.29	2.40	1.62	1.13	0.86	85
59	23.83	4.08	2.72	1.99	1.34			85
59	23.83	4.08	2.72	1.99	1.34			85
55	25.60	3.80	2.53	1.85	1.25			85
50	28.04	3.47	2.31	1.69	1.14			85
44	31.63	3.07	2.05	1.50	1.01			85
39	35.84	2.71	1.81	1.32	0.89			85
37	38.23	2.54	1.69	1.24	0.84			85
32	43.74	2.22	1.48	1.08				85
30	47.33	2.05	1.37	1.00				85
26	53.64	1.81	1.21	0.88				85
24	57.22	1.70	1.13	0.83				85
21	65.46	1.48	0.99					85
20	70.23	1.38	0.92					85
17	81.45	1.19	0.80					85

输 出 扭 矩 T (N·M) output torque T (N·M)								
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	输出轴径向力 Radial Force of output shaft Fr2(N)
365	3.83				9.6	14	18	664
310	4.51				11	16	21	696
275	5.09				13	18	24	712
243	5.76				14	21	27	744
228	6.15				15	22	29	760
199	7.04				18	25	33	808
185	7.55				19	27	36	832
162	8.63				22	31	41	872
138	10.15				25	36	48	912
122	11.45			19	29	41	54	944
108	12.98			22	32	46	62	984
101	13.84			23	35	50	66	1016
88	15.84			27	40	57	75	1080
82	16.99		21	29	42	61	81	1120
71	19.71		24	33	49	71	93	1200
59	23.83	20	29	40	60			1485
59	23.83	20	29	40	60			1485
55	25.60	21	32	43	64			1593
50	28.04	23	35	47	70			1593
44	31.63	26	39	53	79			1593
39	35.84	29	44	60	90			1593
37	38.23	31	47	65	95			1593
32	43.74	36	54	74				1593
30	47.33	39	58	80				1593
26	53.64	44	66	91				1593
24	57.22	47	71	97				1593
21	65.46	54	81					1593
20	70.23	58	87					1593
17	81.45	67	100					1593



BR系列选型参数表: BR27

BR Series Parameter Selection Table: BR27

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	额定输出扭矩 Rated output torque T2N(N · M)
415	3.37			13.06		6.16		3.19	2.34	1.61	1.18	79
354	3.96			11.96		5.64		2.92	2.14	1.48	1.08	85
339	4.13			11.72		5.53		2.86	2.10	1.45	1.06	87
279	5.02			10.55		4.97	3.75	2.58	1.89	1.30	0.95	95
238	5.88			9.39		4.43	3.34	2.29	1.68	1.16	0.85	99
213	6.58			8.97		4.23	3.19	2.19	1.61	1.11		106
181	7.74			8.06		3.80	2.87	1.97	1.44	0.99		112
170	8.25			7.83		3.69	2.79	1.91	1.40	0.97		116
146	9.59			7.09		3.34	2.52	1.73	1.27	0.88		122
138	10.13			6.71		3.16	2.39	1.64	1.20	0.83		122
118	11.86			6.06		2.86	2.16	1.48	1.09			129
105	13.28		7.46	5.45	3.68	2.57	1.94	1.33	0.98			130
90	15.63		6.34	4.63	3.13	2.19	1.65	1.13	0.83			130
77	18.15		5.46	3.99	2.70	1.88	1.42	0.97				130
71	19.71		5.03	3.67	2.48	1.73	1.31	0.90				130
63	22.32		4.44	3.24	2.19	1.53	1.15	0.79				130
57	24.47		4.05	2.96	2.00	1.40	1.05					130
53	26.28		3.77	2.76	1.86	1.30	0.98					130
49	28.78		3.44	2.52	1.70	1.19	0.90					130
49	28.78		3.44	2.52	1.70	1.19	0.90					130
43	32.47		3.05	2.23	1.51	1.05						130
38	36.79		2.69	1.97	1.33	0.93						130
36	39.25		2.52	1.85	1.25	0.87						130
31	44.90	3.31	2.21	1.61	1.09							130
29	48.17	3.08	2.06	1.50	1.02							130
25	55.87	2.66	1.77	1.30	0.88							130
23	61.30	2.42	1.62	1.18	0.80							130
20	69.47	2.14	1.43	1.04								130
19	74.11	2.01	1.34	0.98								130
16.5	84.78	1.75	1.17	0.85								130
15.4	90.96	1.63	1.09									130
13.3	105.49	1.41	0.94									130
11.3	124.38	1.19	0.80									130
10.4	135.05	1.10										130

输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	输出轴径向力 Radial Force of output shaft Fr2(N)
415	3.37			6		12		23	32	46	63	810
354	3.96			7		14		27	37	54	74	819
339	4.13			7		15		29	39	57	77	828
279	5.02			8		18	24	35	47	69	94	774
238	5.88			10		21	28	41	55	80	109	774
213	6.58			11		24	31	45	62	90		774
181	7.74			13		28	37	53	73	106		810
170	8.25			14		30	39	57	78	113		783
146	9.59			16		34	45	66	90	131		810
138	10.13			17		36	48	70	95	138		1700
118	11.86			20		42	56	82	112			1790
105	13.28		16	22	33	48	63	92	125			1926
90	15.63		19	26	39	56	74	108	147			2061
77	18.15		22	31	45	65	86	125				2196
71	19.71		24	33	49	71	93	136				2259
63	22.32		28	38	56	80	106	154				2394
57	24.47		30	41	61	88	116					2394
53	26.28		32	44	66	94	125					2556
49	28.78		36	49	72	103	136					2655
49	28.78		36	49	72	103	136					2655
43	32.47		40	55	81	116						2790

BR系列选型参数表: BR27

BR Series Parameter Selection Table: BR27

输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	输出轴径向力 Radial Force of output shaft Fr2(N)
38	36.79		45	62	92	132						2934
36	39.25		48	66	98	140						3015
31	44.90	37	55	76	112							3177
29	48.17	40	59	81	120							3267
25	55.87	46	69	94	140							3456
23	61.30	50	76	103	153							3582
20	69.47	57	86	117								3762
19	74.11	61	91	125								3807
16.5	84.78	70	105	143								3807
15.4	90.96	75	112									3807
13.3	105.49	87	130									3807
11.3	124.38	102	153									3807
10.4	135.05	111										3807

BR系列选型参数表: BR37

BR Series Parameter Selection Table: BR37

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	额定输出扭矩 Rated output torque T2N(N · M)
411	3.41								3.28	2.26	1.66	112
346	4.05								3.01	2.07	1.52	122
324	4.32								2.91	2.01	1.47	126
277	5.06							3.63	2.66	1.84	1.35	135
247	5.67							3.41	2.50	1.72	1.26	142
204	6.85							2.86	2.10	1.45	1.06	144
176	7.97							2.66	1.95	1.35	0.99	156
148	9.47						3.50	2.40	1.76	1.21	0.89	167
139	10.11						3.33	2.29	1.68	1.16	0.85	170
118	11.83				5.82	4.06	3.07	2.11	1.54	1.06		183
106	13.25				5.40	3.77	2.84	1.95	1.43	0.99		190
90	15.51				4.85	3.39	2.56	1.76	1.29	0.89		200
77	18.25				4.12	2.88	2.17	1.49	1.09			200
72	19.45				3.87	2.70	2.04	1.40	1.03			200
63	22.27				3.38	2.36	1.78					200
57	24.42				3.08	2.15	1.62	1.12				200
53	26.23				2.65	1.85	1.40	0.96				185
49	28.73				2.62	1.83	1.38	0.95				200
49	28.73				2.62	1.83	1.38	0.95				200
43	32.40			3.44	2.32	1.62	1.22	0.84				200
38	36.72			3.03	2.05	1.43	1.08					200
36	39.17			2.84	1.92	1.34	1.01					200
31	44.81			2.49	1.68	1.17	0.88					200
29	48.08		3.17	2.32	1.57	1.09	0.82					200
25	55.76		2.73	2.00	1.35	0.94						200
23	61.18		2.49	1.82	1.23	0.86						200
20	69.33		2.20	1.61	1.09							200
19	73.96	3.09	2.06	1.51	1.02							200
17	84.61	2.70	1.80	1.32	0.89							200
15.4	90.77	2.52	1.68	1.23	0.83							200
13.3	105.28	2.17	1.45	1.06								200
11.4	123.19	1.86	1.24	0.90								200
10.5	133.27	1.72	1.14	0.84								200



BR系列选型参数表: BR37

BR Series Parameter Selection Table: BR37

		输出扭矩 T (N·M) output torque T (N·M)										输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	
411	3.41								32	47	64	658
346	4.05								38	55	75	684
324	4.32								41	59	81	684
277	5.06							35	48	69	94	684
247	5.67							39	53	77	106	711
204	6.85							47	65	94	128	900
176	7.97							55	75	109	149	1548
148	9.47						45	65	89	129	176	1638
139	10.11						48	70	95	138	188	1638
118	11.83				30	42	56	82	111	162		1629
106	13.25				33	47	63	92	125	181		1692
90	15.51				39	55	74	107	146	212		2151
77	18.25				46	65	87	126	172			2313
72	19.45				49	70	92	134	183			2313
63	22.27				56	80	106	154				3474
57	24.42				61	87	116	169				3474
53	26.23				66	94	124	181				3402
49	28.73				72	103	136	198				3402
49	28.73				72	103	136	198				3402
43	32.40			55	81	116	154	224				3708
38	36.72			62	92	131	174					4086
36	39.17			66	98	140	186					4086
31	44.81			76	112	160	212					4455
29	48.08		59	81	120	172	228					4455
25	55.76		69	94	139	200						4455
23	61.18		75	103	153	219						4455
20	69.33		86	117	173							4455
19	73.96	61	91	125	185							4455
17	84.61	70	104	143	211							4455
15.4	90.77	75	112	153	227							4455
13.3	105.28	87	130	178								4455
11.4	123.19	101	152	208								4455
10.5	133.27	110	164	225								4455

BR系列选型参数表: BR47

BR Series Parameter Selection Table: BR47

		使用系数fb service factor fb												额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	
365	3.83								3.75	2.58	1.90	1.43	1.04	144
323	4.34								3.36	2.32	1.70	1.28	0.94	146
280	5.00								2.99	2.06	1.51	1.14	0.83	150
248	5.64								2.74	1.89	1.39	1.04		155
233	6.00								2.60	1.79	1.31	0.99		156
201	6.96								2.28	1.57	1.15	0.87		159
181	7.76								2.10	1.45	1.06	0.80		163
175	8.01								2.55	1.76	1.29	0.97		205
154	9.07							3.27	2.42	1.67	1.22	0.92		220
138	10.15							3.05	2.26	1.56	1.14	0.86		230
119	11.79							2.80	2.07	1.43	1.05			245
112	12.54							2.68	1.99	1.37	1.01			250
96	14.56							2.45	1.82	1.25	0.92			265
86	16.22						3.33	2.28	1.69	1.17	0.86			275
79	17.67						3.22	2.21	1.64	1.13				290
72	19.49						2.97	2.04	1.51	1.04				295
67	20.99				5.38	3.76	2.80	1.93	1.43					300
59	23.59				4.79	3.34	2.49	1.71	1.27					300
59	23.59				4.79	3.34	2.49	1.71	1.27					300
52	26.70				4.23	2.95	2.20	1.51	1.12					300

BR系列选型参数表: BR47

BR Series Parameter Selection Table: BR47

使用系数fb service factor fb															额定输出扭矩 Rated output torque T2N(N · M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5		
52	26.70				4.23	2.95	2.20	1.51	1.12					300	
47	29.88				3.78	2.64	1.97	1.35	1.00					300	
47	29.88				3.78	2.64	1.97	1.35	1.00					300	
40	34.73				3.25	2.27	1.69	1.16	0.86					300	
40	34.73				3.25	2.27	1.69	1.16	0.86					300	
38	36.93				3.06	2.13	1.59	1.09	0.81					300	
33	42.87				2.63	1.84	1.37	0.94						300	
29	47.75			3.50	2.36	1.65	1.23	0.85						300	
27	52.69			3.17	2.14	1.50	1.12							300	
24.7	56.73			2.95	1.99	1.39	1.04							300	
21.8	64.21			2.60	1.76	1.23	0.92							300	
20.4	68.54			2.44	1.65	1.15	0.86							300	
18.4	76.23		3.00	2.19	1.48	1.03								300	
16.5	84.90		2.69	1.97	1.33	0.93								300	
14.9	93.68	3.66	2.44	1.78	1.21									300	
13.9	100.86	3.40	2.27	1.66	1.12									300	
12.3	114.17	3.00	2.00	1.46	0.99									300	
11.5	121.87	2.81	1.88	1.37	0.93									300	
10.0	139.99	2.45	1.63	1.19	0.81									300	
8.5	164.23	2.09	1.39	1.02										300	
7.9	177.52	1.93	1.29	0.94										300	

BR系列选型参数表: BR47

BR Series Parameter Selection Table: BR47

		输出扭矩 T (N·M) output torque T (N·M)												输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	
365	3.83								36	52	71	95	130	2052
323	4.34								41	59	81	107	147	2052
280	5.00								47	68	93	124	169	2052
248	5.64								53	77	105	140		2223
233	6.00								56	82	112	149		2223
201	6.96								66	95	130	172		2358
181	7.76								73	106	145	192		2448
175	8.01								75	110	149	198		2502
154	9.07							63	85	124	169	225		2601
138	10.15							71	96	139	189	251		2601
119	11.79							82	111	161	220			2772
112	12.54							88	118	171	234			2840
96	14.56							102	137	199	271			2907
86	16.22						78	113	153	222	302			3030
79	17.67						85	123	166	241				3177
72	19.49						93	136	184	266				3177
67	20.99				52	75	101	146	198					3258
59	23.59				59	84	113	165	222					3438
59	23.59				59	84	113	165	222					3438
52	26.70				67	96	128	186	251					3645
52	26.70				67	96	128	186	251					3645
47	29.88				75	107	143	209	281					3645
47	29.88				75	107	143	209	281					3645
40	34.73				87	124	166	242	327					4167
40	34.73				87	124	166	242	327					4167
38	36.93				92	132	177	258	348					4167
33	42.87				107	153	205	299						4437
29	47.75			81	119	171	229	333						4635
27	52.69			89	132	189	252							4815
24.7	56.73			96	142	203	272							4878
21.8	64.21			108	160	230	308							4878



BR系列选型参数表: BR47 BR Series Parameter Selection Table: BR47

		输出扭矩 T (N·M) output torque T (N·M)												输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	
20.4	68.54			116	171	245	328							4878
18.4	76.23		94	129	190	273								4878
16.5	84.90		105	143	212	304								4878
14.9	93.68	77	116	158	234									4878
13.9	100.86	83	124	170	252									4878
12.3	114.17	94	141	193	285									4878
11.5	121.87	100	150	206	304									4878
10.0	139.99	115	173	236	350									4878
8.5	164.23	135	203	277										4878
7.9	177.52	146	219	300										4878

BR系列选型参数表: BR57 BR Series Parameter Selection Table: BR57

		使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	额定输出扭矩 Rated output torque T2N(N · M)	
302	4.64										3.04	2.29	1.68	1.23	280	
282	4.97										3.10	2.33	1.71	1.25	305	
245	5.71										2.83	2.13	1.56	1.14	320	
219	6.39										2.64	1.99	1.46	1.07	335	
184	7.63										2.31	1.74	1.28	0.94	350	
174	8.06									3.03	2.22	1.67	1.22	0.90	355	
155	9.02									2.86	2.10	1.58	1.16		375	
150	9.35									2.72	2.00	1.50	1.10		370	
130	10.79									2.48	1.82	1.37	1.00		390	
118	11.85								3.41	2.35	1.72	1.30	0.95		405	
99	14.14								3.04	2.09	1.53	1.15	0.85		430	
94	14.94								2.91	2.00	1.47	1.11	0.81		435	
83	16.79							3.65	2.68	1.84	1.35	1.02			450	
75	18.60					6.36	4.80	3.29	2.42	1.66	1.22	0.92			450	
66	21.07					5.61	4.23	2.91	2.13	1.47	1.08				450	
56	24.84					4.76	3.59	2.47	1.81						450	
52	26.97					4.38	3.31	2.27	1.67	1.15	0.84				450	
52	26.97					4.38	3.31	2.27	1.67	1.15	0.84				450	
46	30.18						2.96	2.03	1.49	1.03					450	
40	35.07					3.37	2.54	1.75	1.28	0.88					450	
38	37.30					3.17	2.39	1.64	1.20	0.83					450	
32	43.30					2.73	2.06	1.41	1.04						450	
29	48.23					2.45	1.85	1.27	0.93						450	
26	54.62				3.10	2.16	1.63	1.12	0.82						450	
24	57.29				2.96	2.06	1.56	1.07							450	
22	64.89				2.61	1.82	1.37	0.94							450	
20	68.97			3.63	2.46	1.71	1.29	0.89							450	
17	80.55			3.11	2.10	1.47	1.11								450	
16	89.71		3.82	2.79	1.89	1.32	0.99								450	
14.1	98.99		3.46	2.53	1.71	1.19	0.90								450	
13.1	106.58		3.22	2.35	1.59	1.11	0.84								450	
11.6	120.63		2.84	2.08	1.40	0.98									450	
10.9	128.77	3.99	2.66	1.95	1.32										450	
9.5	147.92	3.48	2.32	1.69	1.15										450	
8.4	167.53	3.07	2.05	1.50	1.01										450	
7.8	180.41	2.85	1.90	1.39	0.94										450	

BR系列选型参数表: BR57 BR Series Parameter Selection Table: BR57

		输出扭矩 T (N·M) output torque T (N·M)															
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	输出轴径向力 Radial Force of output shaft Fr2(N)		
302	4.64										87	115	157	214	4689		
282	4.97										93	123	168	229	4689		
245	5.71										106	141	193	263	5031		
219	6.39										119	158	216	295	5211		
184	7.63										142	189	258	352	5247		
174	8.06									110	150	199	272	371	5364		
155	9.02									123	168	223	305		5724		
150	9.35									128	174	232	316		5724		
130	10.79									148	201	267	365		5724		
118	11.85								112	162	221	293	401		5985		
99	14.14								133	193	264	350	478		6282		
94	14.94								141	204	278	370	505		6282		
83	16.79							116	158	229	313	416			6480		
75	18.60					67	88	128	175	254	347	461			6480		
66	21.07					75	100	145	198	288	393				6453		
56	24.84					89	118	172	234	339					7065		
52	26.97					96	128	186	254	369	503				7065		
52	26.97					96	128	186	254	369	503				7065		
46	30.18					108	143	208	284	413					7065		
40	35.07					125	166	242	330	479					6777		
38	37.30					133	177	258	351	510					6777		
32	43.30					155	205	299	408						6453		
29	48.23					173	229	333	454						6453		
26	54.62				136	195	259	377	514						6453		
24	57.29				143	205	272	396							6453		
22	64.89				162	232	308	448							6453		
20	68.97			116	172	247	327	476							6453		
17	80.55			136	201	288	382								6453		
16	89.71		111	151	224	321	425								6453		
14.1	98.99		122	167	247	354	469								6453		
13.1	106.58		131	180	266	381	505								6453		
11.6	120.63		149	204	301	432									6453		
10.9	128.77	106	159	217	322										6453		
9.5	147.92	122	182	250	369										6453		
8.4	167.53	138	207	283	418										6453		
7.8	180.41	148	223	304	451										6453		

BR系列选型参数表: BR67 BR Series Parameter Selection Table: BR67

		使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	额定输出扭矩 Rated output torque T2N(N · M)	
319	4.38											2.34	1.71	1.26	270	
278	5.03											2.19	1.60	1.18	290	
242	5.79											2.03	1.49	1.09	310	
218	6.43											1.95	1.43	1.05	330	
194	7.20											1.95	1.43	1.05	370	
184	7.61											1.90	1.39	1.02	380	
163	8.60											1.94	1.42	1.04	440	
140	9.99										2.37	1.79	1.31	0.96	470	
123	11.41									3.01	2.21	1.66	1.22	0.89	500	
112	12.45									2.87	2.11	1.59	1.16	0.85	520	
93	15.09									2.51	1.84	1.38	1.01		550	
89	15.70									2.45	1.80	1.35	0.99		560	
79	17.74									2.29	1.68	1.26			590	
71	19.66									2.10	1.54	1.16			600	
60	23.34							3.27	2.39	1.65	1.21				560	
54	26.09							2.82	2.07						540	
49	28.50							2.48	1.82	1.25					520	



BR系列选型参数表: BR67

BR Series Parameter Selection Table: BR67

使用系数fb service factor fb															
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	额定输出扭矩 Rated output torque T2N(N · M)
49	28.50							2.48	1.82	1.25					520
44	31.90							2.30	1.69	1.16					540
38	37.06							2.09	1.54	1.06					570
36	39.42							2.00	1.47	1.01					580
31	45.76						2.60	1.78	1.31						600
27	50.97						2.33	1.60	1.18						600
25	55.36				4.08	2.85	2.15	1.48	1.08						600
23	61.18				3.69	2.58	1.94	1.34	0.98						600
20	68.95				3.28	2.29	1.73	1.18							600
19	73.32				3.08	2.15	1.62	1.11							600
16	85.12			3.93	2.65	1.85	1.40	0.96							600
14.8	94.81			3.53	2.38	1.66	1.25								600
13.4	104.61		4.37	3.20	2.16	1.51	1.14								600
12.4	112.63		4.06	2.97	2.01	1.40	1.06								600
11.0	127.49		3.59	2.62	1.77	1.24	0.93								600
10.3	136.08		3.36	2.46	1.66	1.16									600
9.0	156.32		2.93	2.14	1.44	1.01									600
8.0	176.02	3.90	2.60	1.90	1.28										600
7.4	189.54	3.62	2.41	1.76	1.19										600

输 出 扭 矩 T (N·M) output torque T (N·M)															
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	输出轴径向力 Radial Force of output shaft Fr2(N)
319	4.38											109	148	202	4689
278	5.03											125	170	232	4689
242	5.79											143	196	267	5031
218	6.43											159	217	296	5211
194	7.20											178	244	332	5247
184	7.61									104		188	257	351	5247
163	8.60									118		213	291	397	5364
140	9.99									136	186	247	338	460	5724
123	11.41									156	213	283	386	526	5985
112	12.45									170	232	308	421	574	6134
93	15.09									206	281	374	510		6282
89	15.70									215	293	389	531		6480
79	17.74								167	242	331	439			6480
71	19.66							136	185	269	366	487			6453
60	23.34							161	220	319	435				6876
54	26.09							180	246	357					7065
49	28.50							197	268	390					7065
49	28.50							197	268	390					7065
44	31.90							220	300	436					7065
38	37.06							256	349	507					6777
36	39.42							272	371	539					6777
31	45.76						217	316	431						6453
27	50.97						242	352	480						6453
25	55.36				138	198	262	382	521						6453
23	61.18				153	219	290	422	576						6453
20	68.95				172	247	327	476							6453
19	73.32				183	262	348	506							6453
16	85.12			144	213	305	404	588							6453
14.8	94.81			160	237	339	450								6453
13.4	104.61		129	177	261	374	496								6453
12.4	112.63		139	190	281	403	534								6453
11.0	127.49		157	215	318	456	604								6453
10.3	136.08		168	230	340	487									6453
9.0	156.32		193	264	390	559									6453
8.0	176.02	145	217	297	440										6453
7.4	189.54	156	234	320	473										6453

BR系列选型参数表: BR77

BR Series Parameter Selection Table: BR77

使用系数fb service factor fb															
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	额定输出扭矩 Rated output torque T2N(N · M)
260	5.39										3.59	2.63	1.93	1.32	510
228	6.15										3.33	2.44	1.79	1.23	540
209	6.70									4.37	3.29	2.41	1.77	1.21	580
185	7.57									4.06	3.06	2.24	1.64	1.13	610
163	8.58									3.70	2.79	2.04	1.50	1.03	630
145	9.64									3.30	2.48	1.82	1.33	0.91	630
129	10.88									3.06	2.30	1.69	1.24	0.85	660
114	12.33									2.82	2.12	1.56	1.14		690
100	14.05								3.52	2.58	1.95	1.42	1.04		720
92	15.14								3.36	2.47	1.86	1.36	1.00		740
80	17.52								3.06	2.25	1.69	1.24	0.91		780
76	18.44								2.91	2.13	1.61	1.18	0.86		780
65	21.43								2.63	1.93	1.45				820
60	23.37								2.41	1.77	1.33				820
55	25.23							3.09	2.13	1.56	1.17				780
48	29.00							2.82	1.94	1.43	1.07				820
42	33.47						3.33	2.45	1.68	1.24	0.93				820
38	36.83						3.03	2.22	1.53	1.12	0.85				820
32	43.26					3.76	2.58	1.89	1.30	0.96					820
31	45.81					3.55	2.44	1.79	1.23	0.90					820
27	52.07					3.12	2.14	1.57	1.08						820
24	57.68					2.82	1.94	1.42	0.98						820
21	65.77				3.28	2.47	1.70	1.24	0.86						820
18	77.24				2.79	2.10	1.45	1.06							820
17	81.80				2.63	1.99	1.36	1.00							820
15	92.97			3.32	2.32	1.75	1.20	0.88							820
14	102.99			3.00	2.09	1.58	1.08								820
12	118.42		3.86	2.61	1.82	1.37	0.94								820
10	138.39	4.52	3.30	2.23	1.56										820
9.6	145.67	4.29	3.14	2.12	1.48										820
8.4	166.59	3.75	2.74	1.85	1.29										820
7.2	195.17	3.20	2.34	1.58											820

BR系列选型参数表: BR77

BR Series Parameter Selection Table: BR77

输 出 扭 矩 T (N·M) output torque T (N·M)															
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	输出轴径向力 Radial Force of output shaft Fr2(N)
260	5.39										133	182	248	362	3591
228	6.15										152	208	284	413	3591
209	6.70									125	166	227	309	450	3465
185	7.57									141	187	256	349	509	3546
163	8.58									160	212	290	396	576	3699
145	9.64									180	239	326	445	648	5841
129	10.88									203	269	368	502	731	5841
114	12.33									230	305	417	568		6066
100	14.05								192	262	348	475	648		6651
92	15.14								207	282	375	512	698		6651
80	17.52								239	327	434	593	808		7182
76	18.44								252	344	457	624	850		7182
65	21.43								293	399	531				7425
60	23.37								319	436	579				9090
55	25.23							238	345	470	625				9009
48	29.00							273	396	540	718				9009
42	33.47						231	315	458	624	829				8928
38	36.83						254	347	503	686	912				8928
32	43.26					205	299	407	591	806					8928
31	45.81					217	316	431	626	854					8928
27	52.07					247	360	490	712						8928



BR系列选型参数表: BR77 BR Series Parameter Selection Table: BR77

		输出扭矩 T (N·M) output torque T (N·M)													输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	
24	57.68					273	398	543	788						8928
21	65.77				235	312	454	619	899						8928
18	77.24				276	366	533	727							8928
17	81.80				293	388	565	770							8928
15	92.97			232	333	441	642	875							8928
14	102.99			257	368	488	711								8928
12	118.42		200	296	424	561	818								8928
10	138.39	171	234	346	495										8928
9.6	145.67	180	246	364	521										8928
8.4	166.59	205	281	416	596										8928
7.2	195.17	241	329	487											8928

BR系列选型参数表: BR87 BR Series Parameter Selection Table: BR87

		使用系数fb service factor fb													额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	
266	5.3									3.52	2.42	1.77	1.44	1.21	910
220	6.4									3.27	2.25	1.65	1.34	1.12	1020
197	7.1								4.19	3.07	2.11	1.55	1.25	1.06	1070
171	8.2								3.94	2.89	1.99	1.46	1.18	0.99	1160
154	9.1								3.70	2.71	1.86	1.37	1.11	0.93	1210
141	9.9								3.30	2.42	1.66	1.22	0.99	0.83	1180
117	12.0							3.90	2.85	2.09	1.44	1.05	0.85		1230
105	13.4							3.63	2.66	1.95	1.34	0.98	0.80		1280
91	15.4						4.39	3.30	2.42	1.77	1.22	0.89			1340
82	17.2						4.09	3.08	2.25	1.65	1.13	0.83			1390
73	19.2						3.79	2.85	2.09	1.53	1.05	0.77			1440
65	21.4					4.82	3.54	2.66	1.95	1.43	0.98				1500
60	23.4					4.56	3.34	2.51	1.84	1.35					1550
50	28.0						2.71	2.04	1.49	1.09					1500
50	28.0						2.70	2.03	1.49	1.09					1500
44	31.5					3.38	2.48								1550
43	32.8					3.25	2.38	1.79	1.31	0.96					1550
41	34.5					2.99	2.19								1500
38	37.0				4.18	2.88	2.11	1.59	1.16	0.85					1550
33	41.9				3.69	2.54	1.87	1.40	1.03						1550
29	47.8				3.24	2.23	1.64	1.23	0.90						1550
26	53.0			3.98	2.92	2.01	1.47								1550
23	60.6			3.48	2.55	1.76	1.29								1550
22	63.9			3.30	2.42	1.67	1.22								1550
19	72.9			2.90	2.12	1.46	1.07								1550
17	82.3			2.57	1.88	1.30	0.95								1550
15	93.8		3.28	2.25	1.65	1.14	0.83								1550
13	104.1	3.91	2.95	2.03	1.49	1.02									1550
12	118.9	3.43	2.58	1.77	1.30	0.90									1550
11.2	125.5	3.25	2.45	1.68	1.23	0.85									1550
9.8	143.0	2.85	2.15	1.48	1.08										1550
9.0	156.0	2.61	1.97	1.35	0.99										1550
7.7	182.5	2.23	1.68	1.16	0.85										1550
6.8	205.1	1.99	1.50	1.03											1550
6.4	217.4	1.87	1.41	0.97											1550
5.7	247.5	1.65	1.24												1550

BR系列选型参数表: BR87 BR Series Parameter Selection Table: BR87

		输出扭矩 T (N·M) output torque T (N·M)													输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	
266	5.3									243	354	483	595	708	8082
220	6.4									293	427	582	718	854	8802
197	7.1								240	327	477	650	802	953	9180
171	8.2								276	377	549	749	923	1098	9450
154	9.1								307	419	611	833	1027	1221	9720
141	9.9								336	458	668	911	1123	1335	9720
117	12.0							297	405	552	805	1097	1353		10260
105	13.4							331	452	617	899	1226	1512		10490
91	15.4						287	382	521	711	1035	1412			10890
82	17.2						320	425	580	791	1152	1571			11340
73	19.2						357	475	648	884	1288	1757			11700
65	21.4					292	399	530	724	987	1437				11970
60	23.4					320	436	579	791	1079					12510
50	28.0						521	692	945	1289					12510
50	28.0						522	693	947	1291					12510
44	31.5					431	588	781							14400
43	32.8					448	611	812	1109	1512					14400
41	34.5					472	644	855							14400
38	37.0				348	506	689	916	1251	1706					15120
33	41.9				395	573	781	1038	1417						15210
29	47.8				450	653	890	1183	1615						15210
26	53.0														12150
23	60.6														13680
22	63.9														14200
19	72.9														14200
17	82.3														14200
15	93.8														14200
13	104.1	372	493	719	980	1422									14200
12	118.9	425	564	821	1120	1625									14200
11.2	125.5	449	595	866	1181	1715									14200
9.8	143.0	512	678	987	1346										14200
9.0	156.0	558	739	1077	1469										14200
7.7	182.5	653	865	1260	1718										14200
6.8	205.1	734	972	1416											14200
6.4	217.4	778	1031	1501											14200
5.7	247.5	886	1174												14200

BR系列选型参数表: BR97 BR Series Parameter Selection Table: BR97

		使用系数fb service factor fb															
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	额定输出扭矩 Rated output torque T2N(N · M)	
312	4.5												3.02	2.54	1.87	1630	
270	5.2												2.86	2.40	1.77	1780	
226	6.2										4.27	3.13	2.54	2.13	1.57	1890	
197	7.1										3.94	2.89	2.34	1.97	1.45	2000	
167	8.4										3.39	2.49	2.02	1.70	1.25	2030	
151	9.3										3.07	2.25	1.82	1.53	1.13	2030	
129	10.8										2.70	1.98	1.61	1.35	0.99	2090	
113	12.4										2.47	1.81	1.47	1.24	0.91	2190	
96	14.6										2.20	1.61	1.31	1.10	0.81	2300	
87	16.2								4.12		2.08	1.52	1.23	1.04		2400	
77	18.2								3.81	2.79	1.92	1.41	1.14	0.96		2500	
70	20.1							4.92	3.60	2.64	1.81	1.33	1.08	0.91		2610	
63	22.4							4.61	3.38	2.48	1.70	1.25				2720	
55	25.5							4.21	3.08	2.26	1.55	1.14				2830	
51	27.6								2.58	1.89	1.30	0.95				2560	
51	27.6								2.58	1.89	1.30	0.95				2560	



BR系列选型参数表: BR97

BR Series Parameter Selection Table: BR97

		使用系数fb service factor fb														额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	
44	31.8							3.06	2.24	1.64						2560
42	33.2						4.38	3.30	2.42	1.77	1.22					2890
38	37.1						4.08	3.07	2.25	1.65	1.13					3000
33	42.8						3.54	2.66	1.95	1.43	0.98					3000
29	47.6					4.34	3.18	2.39	1.75	1.29						3000
26	53.2					3.88	2.84	2.14	1.57	1.15						3000
23	59.9					3.44	2.53	1.90	1.39	1.02						3000
21	66.8					3.09	2.26	1.70	1.25							3000
19	72.3					2.86	2.09	1.58	1.15							3000
17	83.2					2.48	1.82	1.37	1.00							3000
15	92.6				3.23	2.23	1.63	1.23								3000
14	103.6				2.89	1.99	1.46	1.10								3000
12	116.6			3.50	2.57	1.77	1.30	0.98								3000
11.0	126.9			3.22	2.36	1.63	1.19									3000
9.3	151.0			2.71	1.98	1.37	1.00									3000
8.2	170.2		3.49	2.40	1.76	1.21										3000
7.5	186.5		3.19	2.19	1.61	1.11										3000
6.6	212.6	3.71	2.80	1.92	1.41	0.97										3000
5.7	246.8	3.19	2.41	1.65	1.21											3000
5.4	260.4	3.03	2.28	1.57	1.15											3000
4.8	290.1	2.72	2.05													

BR系列选型参数表: BR97

BR Series Parameter Selection Table: BR97

		输 出 扭 矩 T (N·M) output torque T (N·M)														输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	
312	4.5												507	603	820	8865
270	5.2												585	696	946	8865
226	6.2										416	568	700	833	1132	9450
197	7.1										477	650	802	954	1296	10170
167	8.4										562	767	946	1125	1528	10710
151	9.3										622	848	1046	1244	1691	10890
129	10.8										727	992	1223	1454	1977	10890
113	12.4										833	1135	1400	1665	2263	11430
96	14.6										982	1340	1652	1965	2670	12240
87	16.2							547			1087	1482	1827	2173		12600
77	18.2							617	841		1225	1671	2061	2450		12960
70	20.1							499	681	929	1353	1845	2275	2706		13320
63	22.4							554	757	1032	1503	2049				14318
55	25.5							632	863	1176	1713	2336				7542
51	27.6							683	933	1272	1853	2527				7542
51	27.6							683	933	1272	1853	2527				7542
44	31.8							787	1074	1465						9540
42	33.2						620	823	1124	1533	2233					9540
38	37.1						692	919	1256	1712	2494					16740
33	42.8						797	1059	1447	1973	2874					17820
29	47.6					650	887	1178	1609	2194						17820
26	53.2					727	992	1318	1800	2454						17820
23	59.9					819	1117	1484	2026	2763						17820
21	66.8					913	1245	1655	2259							17820
19	72.3					988	1347	1789	2443							17820
17	83.2					1138	1551	2061	2815							17820
15	92.6				872	1265	1726	2293								17820
14	103.6				975	1415	1930	2564								17820
12	116.6			805	1098	1594	2173	2888								17820
11.0	126.9			876	1195	1734	2365									17820
9.3	151.0			1042	1421	2063	2813									17820
8.2	170.2		807	1175	1603	2326										17820

BR系列选型参数表: BR97

BR Series Parameter Selection Table: BR97

		输 出 扭 矩 T (N·M) output torque T (N·M)														输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	
7.5	186.5		884	1288	1756	2549										17820
6.6	212.6	761	1008	1468	2002	2906										
5.7	246.8	883	1170	1704	2324											
5.4	260.4	932	1235	1798	2452											
4.8	290.1	1038	1375													

BR系列选型参数表: BR107

BR Series Parameter Selection Table: BR107

		使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45	额定输出扭矩 Rated output torque T2N(N · M)		
284	4.92										3.03	2.47	2.01	2900		
240	5.82									3.57	2.63	2.14	1.74	2970		
210	6.66								3.71	3.12	2.29	1.87	1.52	2970		
178	7.86								3.15	2.65	1.95	1.58	1.29	2970		
163	8.56								4.18	3.51	2.59	2.10	1.71	4300		
138	10.13								3.53	2.97	2.19	1.78	1.45	4300		
121	11.59								3.09	2.60	1.91	1.55	1.26	4300		
102	13.66							3.23	2.62	2.20	1.62	1.32	1.07	4300		
89	15.65							2.82	2.29	1.92	1.41	1.15	0.94	4300		
77	18.21						3.30	2.42	1.96	1.65	1.22	0.99		4300		
70	20.07						3.00	2.20	1.78	1.50	1.10	0.90		4300		
62	22.62					3.88	2.66	1.95	1.58	1.33				4300		
56	24.90					3.52	2.42	1.77	1.44	1.21				4300		
51	27.58					3.18	2.18	1.60						4300		
47	29.49					2.97	2.04	1.50	1.21	1.02				4300		
47	29.49					2.97	2.04	1.50	1.21	1.02				4300		
40	35.26					2.49	1.71	1.25	1.01	0.85				4300		
35	40.37				2.96	2.17	1.49	1.09	0.89					4300		
29	47.63				2.51	1.84	1.26	0.93						4300		
27	52.68			3.10	2.27	1.66	1.14							4300		
24	59.41			2.75	2.01	1.48	1.01							4300		
21	65.60			2.49	1.82	1.34	0.92							4300		
19	72.88		3.0	2.24	1.64	1.20								4300		
18	78.57		2.8	2.08	1.52	1.12								4300		
15	92.70	3.19	2.3	1.76	1.29	0.95								4300		
14	102.53	2.88	2.1	1.59	1.17									4300		
12	115.63	2.56	1.9	1.41	1.03									4300		
11	127.68	2.32	1.7	1.28	0.94									4300		
10	141.83	2.09	1.5	1.15										4300		
8.8	158.68	1.86	1.4	1.03										4300		
8.1	172.34	1.72	1.3	0.95										4300		
6.9	203.16	1.46	1.1											4300		
6.1	229.95	1.29	0.9											4300		
5.6	251.15	1.18												4300		

输 出 扭 矩 T (N·M) output torque T (N·M)															输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45		
284	4.92										899	1105	1358	10170	
240	5.82									782	1063	1307	1607	11160	
210	6.66								753	895	1217	1495	1838	11520	
178	7.86								888	1055	1434	1763	2167	10170	
163	8.56								967	1151	1564	1922	2362	10170	
138	10.13								1144	1361	1849	2273	2794	11160	
121	11.59								1309	1557	2116	2601	3196	12420	
102	13.66							1251	1543	1835	2494	3066	3769	12960	



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BR系列选型参数表: BR107 BR Series Parameter Selection Table: BR107

输 出 扭 矩 T (N•M) output torque T (N•M)														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45	输出轴径向力 Radial Force of output shaft Fr2(N)
89	15.65							1434	1768	2103	2858	3513	4317	14400
77	18.21						1223	1668	2057	2446	3325	4087		14740
70	20.07						1348	1838	2267	2696	3664	4503		15570
62	22.62					1043	1519	2072	2555	3039				17280
56	24.90					1148	1673	2281	2813	3345				18090
51	27.58					1272	1853	2526						18090
47	29.49					1360	1981	2702	3332	3962				18090
47	29.49					1360	1981	2702	3332	3962				18090
40	35.26					1626	2369	3230	3984	4737				20700
35	40.37				1365	1862	2712	3698	4561					22050
29	47.63				1611	2197	3200	4363						22950
27	52.68			1305	1782	2429	3539							23940
24	59.41			1471	2009	2740	3991							25200
21	65.60			1625	2219	3025	4407							26280
19	72.88		1358	1805	2464	3361								26280
18	78.57		1464	1946	2657	3623								26280
15	92.70	1267	1728	2296	3135	4275								26280
14	102.53	1401	1911	2539	3467									26280
12	115.63	1580	2155	2863	3910									26280
11	127.68	1745	2380	3162	4318									26280
10	141.83	1939	2643	3512										26280
8.8	158.68	2169	2957	3930										26280
8.1	172.34	2355	3212	4268										26280
6.9	203.16	2777	3786											26280
6.1	229.95	3143	4286											26280
5.6	251.15	3433												26280

BR系列选型参数表: BR137 BR Series Parameter Selection Table: BR137

使用系数fb service factor fb													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	5.5	7.5	11	15	18.5	22	30	37	45	55	额定输出扭矩 Rated output torque T2N(N · M)	
272	5.15								3.74	3.07	2.52	4600	
219	6.38							4.12	3.35	2.76	2.26	5110	
184	7.59							3.47	2.82	2.32	1.90	5110	
161	8.71							4.63	3.77	3.10	2.54	7840	
130	10.79							3.82	3.11	2.55	2.09	8000	
109	12.83						4.36	3.21	2.61	2.15	1.76	8000	
96	14.51						3.86	2.84	2.31	1.90	1.55	8000	
83	16.80					3.96	3.33	2.45	1.99	1.64	1.34	8000	
74	19.04					3.50	2.94	2.16	1.76	1.45	1.18	8000	
64	22.00					3.03	2.54	1.87	1.52	1.25		8000	
58	24.12					2.76	2.32	1.71	1.39	1.14		8000	
50	27.83				2.83	2.30	1.93	1.42	1.16	0.95		7680	
47	29.57					2.19	1.84					7780	
43	32.91			3.40	2.49	2.02	1.70	1.25	1.02	0.84		8000	
37	37.65			2.97	2.18	1.77	1.49	1.09	0.89			8000	
32	44.39			2.52	1.85	1.50	1.26	0.93				8000	
28	50.86	4.37	3.21	2.20	1.61	1.31	1.10	0.81				8000	
24	59.17	3.76	2.76	1.89	1.39	1.12	0.95					8000	
21	65.20	3.41	2.50	1.72	1.26	1.02	0.86					8000	
19	73.49	3.03	2.22	1.52	1.12	0.91						8000	
17	80.91	2.75	2.02	1.38	1.01	0.82						8000	
16	88.70	2.51	1.84	1.26	0.93							8000	
14	103.20	2.15	1.58	1.08	0.80							8000	
12	113.72	1.96	1.43	0.98								8000	
11	128.18	1.73	1.27	0.87								8000	
10	141.12	1.58	1.16	0.79								8000	



BR系列选型参数表: BR137 BR Series Parameter Selection Table: BR137

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	5.5	7.5	11	15	18.5	22	30	37	45	55	额定输出扭矩 Rated output torque T2N(N · M)
	传动比i ratio i											
9	156.31	1.42	1.04									8000
8	174.40	1.28	0.94									8000
8	188.45	1.20	0.88									8000
6.4	219.97	1.01										8000

输出扭矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比i ratio i	5.5	7.5	11	15	18.5	22	30	37	45	55	输出轴径向力 Radial Force of output shaft Fr2(N)
272	5.15								1156	1406	1719	31050
219	6.38							1165	1432	1741	2128	33750
184	7.59							1386	1704	2072	2532	35100
161	8.71							1591	1955	2378	2906	24840
130	10.79							1969	2420	2944	3598	27990
109	12.83						1724	2343	2880	3503	4281	32400
96	14.51						1949	2649	3256	3960	4840	34650
83	16.80					1898	2257	3067	3770	4586	5605	36540
74	19.04					2151	2558	3476	4273	5197	6352	39150
64	22.00					2485	2956	4017	4937	6005		39150
58	24.12					2725	3241	4404	5414	6584		44460
50	27.83				2549	3144	3738	5081	6245	7595		48690
47	29.57					3340	3972					48690
43	32.91			2211	3015	3718	4421	6009	7386	8983		48060
37	37.65			2529	3449	4254	5059	6875	8450			48060
32	44.39			2982	4066	5015	5964	8105				48060
28	50.86	1720	2345	3416	4659	5746	6833	9286				48060
24	59.17	2001	2729	3975	5420	6685	7949					48060
21	65.20	2205	3007	4380	5973	7366	8760					48060
19	73.49	2485	3389	4937	6732	8302						48060
17	80.91	2736	3731	5435	7411	9141						48060
16	88.70	3000	4091	5959	8125							48060
14	103.20	3490	4759	6932	9453							48060
12	113.72	3846	5244	7639								48060
11	128.18	4335	5911	8610								48060
10	141.12	4772	6508	9480								48060
9	156.31	5286	7208									48060
8	174.40	5898	8042									48060
8	188.45	6258	8534									48060
6.4	219.97	7439										48060

BR系列选型参数表: BR147 BR Series Parameter Selection Table: BR147

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比i ratio i	11	15	18.5	22	30	37	45	55	75	90	额定输出扭矩 Rated output torque T2N(N · M)
280	5.00									3.60	3.00	8670
238	5.89								4.15	3.05	2.54	8670
193	7.25							4.12	3.37	2.48	2.07	8670
169	8.28							5.41	4.43	3.26	2.71	13000
143	9.76							4.59	3.75	2.76	2.30	13000
117	12.01							3.73	3.05	2.24	1.87	13000
101	13.93						3.79	3.12	2.55	1.88	1.56	12600
89	15.66					4.27	3.48	2.86	2.34	1.72	1.43	13000
77	18.07					2.99	2.43	2.00	1.64	1.20	1.00	10500
68	20.47					3.02	2.46	2.02	1.65	1.22	1.01	12000
58	24.23					2.53	2.06	1.69	1.38	1.02		11900
47	30.00				3.03	2.23	1.82	1.49	1.22			13000
39	35.69				2.55	1.88	1.53	1.25	1.03			13000



BR系列选型参数表: BR147 BR Series Parameter Selection Table: BR147

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	11	15	18.5	22	30	37	45	55	75	90	额定输出扭矩 Rated output torque T2N(N · M)
35	40.35			2.68	2.25	1.66	1.35	1.11	0.91			13000
30	46.72		2.86	2.32	1.95	1.43	1.17	0.96	0.78			13000
26	52.95	3.44	2.52	2.04	1.72	1.26	1.03	0.85				13000
23	61.18	2.97	2.18	1.77	1.49	1.09	0.89					13000
21	67.09	2.71	1.99	1.61	1.36	1.00	0.81					13000
19	72.20	2.52	1.85	1.50	1.26	0.93						13000
17	83.60	2.18	1.60	1.29	1.09	0.80						13000
15	94.75	1.92	1.41	1.14	0.96							13000
13	109.48	1.66	1.22	0.99	0.83							13000
12	120.05	1.52	1.11	0.90								13000
10	147.14	1.24	0.91									13000
9	163.50	1.11	0.82									13000

输 出 扭 矩 T (N·m)												
名义输出转速 (r/min)	电机功率P (KW) 传动比i	11	15	18.5	22	30	37	45	55	75	90	输出轴径向力 Fr2(N)
280	5.00									2265	2718	44370
238	5.89								1965	2671	3205	47800
193	7.25							1979	2419	3287	3945	48735
169	8.28							2259	2761	3752	4503	44910
143	9.76							2664	3256	4425	5310	51600
117	12.01							3278	4007	5445	6534	55710
101	13.93						3126	3802	4647	6316	7579	57060
89	15.66					2859	3514	4274	5224	7100	8520	60300
77	18.07					3299	4055	4932	6028	8193	9831	60300
68	20.47					3737	4594	5587	6829	9281	11137	58140
58	24.23					4424	5438	6614	8083	10985		58140
47	30.00				4030	5477	6733	8188	10008	13602		56430
39	35.69				4795	6516	8010	9742	11906			56430
35	40.35			4559	5421	7367	9056	11014	13461			56430
30	46.72		4280	5278	6277	8530	10485	12752	15586			56430
26	52.95	3557	4850	5982	7114	9668	11883	14453				56430
23	61.18	4110	5604	6912	8220	11170	13730					56430
21	67.09	4507	6146	7580	9014	12249	15057					56430
19	72.20	4850	6614	8157	9700	13182						56430
17	83.60	5616	7658	9445	11232	15264						56430
15	94.75	6365	8679	10704	12730							56430
13	109.48	7354	10029	12369	14709							56430
12	120.05	8064	10996	13562								56430
10	147.14	9884	13478									56430
9	163.50	10983	14977									56430

BR系列选型参数表: BR167 BR Series Parameter Selection Table: BR167

使用系数fb service factor fb																
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	11	15	18.5	22	30	37	45	55	75	90	110	132	160	额定输出扭矩 Rated output torque T2N(N · M)	
137	10.24									3.44	2.87	2.35	1.96	1.61	17000	
117	11.99								3.99	2.94	2.45	2.00	1.67	1.38	17000	
97	14.48								3.50	2.58	2.15	1.76	1.46	1.21	18000	
82	16.98						3.70	3.04	2.49	1.83	1.53	1.25	1.04		15000	
74	18.80						3.56	2.93	2.40	1.76	1.47	1.20	1.00		16000	
64	21.85						2.49	2.05	1.68	1.23	1.03				13000	
59	23.63					3.92		2.62	2.15	1.58	1.32	1.08	0.90		18000	
57	24.57						2.39	1.96	1.61	1.18	0.98				14000	
50	27.88					3.32	2.70	2.22	1.82	1.34	1.12	0.91			18000	
46	30.71						1.36	1.12							10000	
41	34.31					2.70	2.20	1.81	1.48	1.09	0.91				18000	

BR系列选型参数表: BR167 BR Series Parameter Selection Table: BR167

使用系数fb service factor fb															
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	11	15	18.5	22	30	37	45	55	75	90	110	132	160	额定输出扭矩 Rated output torque T2N(N · M)
35	39.80					2.33	1.89	1.56	1.27	0.94	0.78				18000
31	44.74				2.81	2.07	1.69	1.39	1.13	0.83					18000
27	51.61				2.44	1.80	1.46	1.20	0.98						18000
24	58.47			2.56	2.15	1.58	1.29	1.06	0.87						18000
21	67.20		2.75	2.23	1.87	1.38	1.12	0.92							18000
19	73.48		2.51	2.04	1.71	1.26	1.03	0.84							18000
17	82.91	3.04	2.23	1.81	1.52	1.12	0.91								18000
15	93.19	2.70	1.98	1.61	1.35	0.99	0.81								18000
13	107.49	2.34	1.72	1.39	1.17	0.86									18000
11	121.81	2.07	1.52	1.23	1.03										18000
10	139.98	1.80	1.32	1.07	0.90										18000
9	153.07	1.65	1.21	0.98	0.82										18000
7	186.93	1.35	0.99	0.80											18000
6	227.87	1.11	0.81												18000

输 出 扭 矩 T (N·m)															
名义输出转速 (r/min)	电机功率P (KW) 传动比i	11	15	18.5	22	30	37	45	55	75	90	110	132	160	输出轴径向力 Fr2(N)
137	10.24									4641	5569	6807	8168	9901	74250
117	11.99									4001	5438	6525	7975	9571	79830
97	14.48									4829	6563	7875	9626	11551	91215
82	16.98						3811	4635	5665	7700	9240	11293	13551		98010
74	18.80						4220	5132	6273	8525	10230	12503	15004		100260
64	21.85						4903	5963	7289	9905	11887				108000
59	23.63					4314		6450	7883	10713	12856	15713	18856		108000
57	24.57						5513	6705	8196	11138	13366				108000
50	27.88					5090	6257	7610	9301	12640	15168	18539			108000
46	30.71						6892	8382							108000
41	34.31					6264	7700	9365	11446	15556	18667				108000
35	39.80					7267	8932	10863	13277	18045	21654				108000
31	44.74				6011	8169	10041	12212	14925	20284					108000
27	51.61				6933	9422	11581	14086	17216						108000
24	58.47			6606	7856	10676	13123	15960	19507						108000
21	67.20		6156	7592	9028	12270	15081	18342							108000
19	73.48		6731	8301	9872	13416	16491	20056							108000
17	82.91	5570	7595	9367	11139	15138	18608								108000
15	93.19	6260	8536	10528	12520	17015	20914								108000
13	107.49	7221	9846	12144	14441	19626									108000
11	121.81	8182	11158	13761	16365										108000
10	139.98	9403	12823	15815	18807										108000
9	153.07	10282	14021	17293	20565										108000
7	186.93	12557	17123	21119											108000
6	227.87	15307	20873												108000



BR组合参数表

BR Combined parameters table

		使用系数fb		service factor fb			
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	
6.2	227	BR27 BR17 BRF27 BR17	0.85				
6.9	203		0.90				
7.8	179		1.05				
9.0	156		1.25				
9.3	150						
9.9	141			0.85			
11	124			0.95			
13	110			1.05			
15	94			1.25			
4.1	338	BR37 BR17 BRF37 BR17	0.90				
4.7	296		0.95				
5.4	259		1.10				
6.1	228		1.25				
7.0	199		1.40	0.85			
8.1	172		1.65	1.00			
9.3	150			1.15			
2.7	510						
3.2	436	BR47 BR37 BRF47 BR37	1.05				
3.4	408		1.10				
4.1	344		1.35				
4.7	301			0.85			
5.5	255			1.05			
6.1	228			1.15	0.8		
7.2	195			1.4	0.95		
7.7	182				1		
9.1	154				1.2		
1.8	782	BR57 BR37 BRF57 BR37	0.80				
2.1	678		1.00				
2.3	604		1.10				
2.6	537		1.20				
3.0	471		1.35	0.85			
3.9	357		1.85	1.10			
4.4	319		2.1	1.25	0.85		
5.1	273			1.50	1.05		
5.8	241	BR67 BR37 BRF67 BR37		1.75	1.20		
6.5	215			1.95	1.30		
7.5	187				1.50		
8.5	164				1.75		
9.9	142				2.0		
1.7	836		1.10				
1.9	750		1.20				
2.2	646		1.35				
2.4	574		1.50	0.90			
2.8	495	BR77 BR37 BRF77 BR37	1.75	1.05			
3.2	438		2.1	1.25			
3.6	388			1.40	0.95		
4.1	344			1.55	1.05		
4.8	294			1.90	1.30	0.90	
5.4	261			2.1	1.40	1.00	
6.0	234				1.60	1.10	
7.0	200				1.85	1.30	
8.0	176	BR77 BR37 BRF77 BR37			2.20		
8.9	158				2.40		
1.1	1218		1.00				
1.3	1084		1.10				
1.5	940		1.25				
1.7	821		1.55	0.90			
1.9	731		1.70	1.00			
2.2	646		1.80	1.10			
2.5	560	BR77 BR37 BRF77 BR37		1.25	0.90		
2.9	488			1.50	1.05		
3.2	436			1.70	1.15		
3.8	373			1.95	1.35	0.95	
4.3	327			2.2	1.55	1.10	
4.8	289			2.5	1.75	1.20	
5.4	260				1.95	1.35	
6.3	224				2.3	1.60	

		使用系数fb		service factor fb			
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	
7.1	197	BR77 BR37 BRF77 BR37				1.85	
8.3	169					2.1	
9.4	149					2.4	

		使用系数fb		service factor fb							
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	
0.81	1737	BR87 BR57 BRF87 BR57	1.35								
0.92	1524		1.55	0.90							
1.1	1303		1.90	1.10							
1.2	1143		2.20	1.25	0.85						
1.6	885		2.60	1.60	1.10						
1.8	776		3.00	1.80	1.25	0.85					
2.0	685		3.4		1.40	1.00					
2.3	599		4.3		1.65	1.15					
2.7	525				1.90	1.30	0.85				
3.1	456				2.2	1.50	1.00				
3.5	398						1.15	0.85			
4.0	352						1.30	0.95			
4.6	305						1.50	1.10			
5.2	268				3.7	2.6		1.25	0.85		
5.9	236					2.9		1.45	0.95		
6.7	209								1.10		
0.46	3065	BR97 BR57 BRF97 BR57	1.40								
0.51	2722		1.60	0.95							
0.61	2311		1.90	1.15							
0.67	2078		2.1	1.25							
0.77	1823		2.4		1.00						
0.88	1583		2.8		1.15						
1.0	1396		3.3		1.35	0.95					
1.1	1228		3.9		1.55	1.10					
1.3	1069				1.70	1.20					
1.5	938				1.95	1.40					
1.7	824				2.3	1.60	1.05				
1.9	737				2.6	1.80	1.20				
2.2	632				3.0	2.1	1.40	1.05			
2.5	560						1.60	1.15			
2.9	484						1.85	1.35			
3.2	431					3.1	2.0	1.50	1.00		
3.7	379					3.5	2.3	1.70	1.15		
4.2	336					3.9	2.6	1.90	1.30	0.95	
4.7	296						3.0	2.2	1.45	1.05	
5.6	249						3.9	2.6	1.75	1.30	
6.0	234								1.90	1.35	
6.7	209								2.1	1.55	

		使用系数fb		service factor fb									
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW
0.18	7583	BR107 BR77 BRF107 BR77	0.95										
0.21	6743		1.15										
0.24	5914		1.15										
0.27	5168		1.50										
0.32	4435		1.70	0.95									
0.36	3896		1.90	1.10									
0.46	3039		2.3	1.35	0.90								
0.70	1987			2.1	1.41	0.95							
0.77	1827			2.3	1.55	1.05							
0.88	1599			2.7	1.80	1.25							
1.00	1400			3.0	2.0	1.40	0.90						



BR

		使用系数fb service factor fb											
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW
1.14	1226	BR107BR77 BRF107BR77		3.5	2.3	1.60	1.05						
1.49	939				3.0	2.1	1.35	1.00					
1.70	822				3.5	2.4	1.55	1.15					
2.28	614								1.05				
2.57	544								1.20	0.85			
2.85	492								1.30	0.95			
3.36	417								1.55	1.10			
3.79	369							2.6	1.70	1.25			
4.33	323							3.0	1.95	1.45	0.95		
4.91	285								2.2		1.10		
5.53	253								2.5		1.25	0.90	
6.54	214										1.45	1.05	
7.49	187											1.20	0.95
0.11	12921	BR137BR77 BRF137BR77	1.00										
0.12	11712		1.10										
0.13	10573		1.25										
0.16	8784		1.60	0.90									
0.19	7479		1.95	1.10									
0.21	6559		1.95	1.15									
0.24	5834		2.5	1.40	0.90								
0.27	5116		2.5	1.50	1.00								
0.31	4464			1.75	1.20	0.80							
0.36	3928			2.0	1.35	0.95							
0.53	2658				1.90	1.35	0.90						
0.58	2412				2.1	1.45	0.95						
0.68	2073				2.4	1.70	1.15	0.85					
0.76	1839				2.8	1.95	1.30	0.95					
0.88	1598						1.50	1.10					
1.0	1397				3.7	2.6	1.70	1.25	0.85				
1.1	1226				4.2	2.9	1.90	1.40	0.95				
1.3	1090					3.3	2.2	1.60	1.05	0.80			
1.5	951					3.8	2.5	1.80	1.20	0.90			
1.7	831						2.9	2.1	1.40	1.05			
1.9	730							2.4	1.65	1.15	0.80		
2.2	629								1.90	1.35	0.90		
2.5	560								2.1	1.50	1.05		
2.9	490								2.4	1.75	1.20	0.85	
3.3	428									2.0	1.35	1.00	
3.7	381									2.2	1.50	1.10	0.85
4.3	323									2.6	1.80	1.30	1.00
4.8	291										2.0	1.45	1.10
5.5	255										2.3	1.65	1.25
6.3	223										2.6	1.90	1.45
0.07	21342	BR147BR77 BRF147BR77	1.00										
0.08	18210		1.15										
0.09	15923		1.30										
0.10	14075		1.50	0.85									
0.11	12344		1.70	1.00									
0.13	11143		1.95	1.10									
0.14	9743		2.2	1.25	0.85								
0.17	8443		2.7	1.50	1.00								
0.19	7307		3.1	1.75	1.20	0.80							
0.22	6447		3.5	2.0	1.35	0.90							
0.25	5568		4.1	2.3	1.55	1.05							
0.28	4926			2.5	1.70	1.20	0.80						
0.32	4325			2.9	2.0	1.35	0.90						
0.37	3754			3.3	2.2	1.55	1.05						
0.42	3302			3.8	2.6	1.80	1.20	0.85					
0.48	2898				3.0	2.1	1.35	1.00					
0.55	2555						1.50	1.10					
0.63	2211						1.70	1.25	0.85				

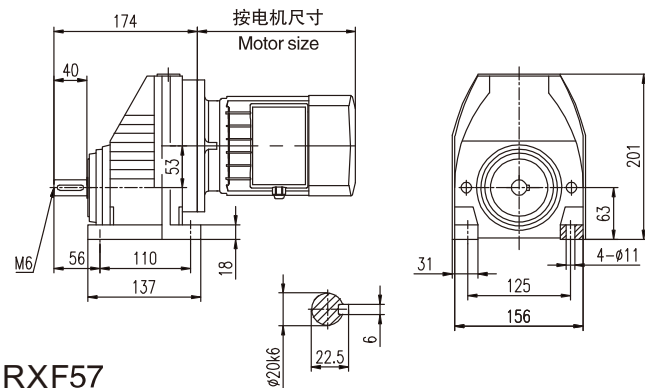
BR

		使用系数fb service factor fb											
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW
0.72	1951	BR147BR77 BRF147BR77					1.95	1.45	0.95				
0.82	1705						2.3	1.65	1.10	0.80			
0.91	1536						2.5	1.85	1.25	0.90			
1.1	1329						2.9	2.2	1.45	1.05			
1.2	1166						3.4	2.5	1.65	1.20	0.80		
1.4	1029								1.90	1.35	0.90		
1.6	889								2.2	1.55	1.05	0.75	
1.8	784								2.5	1.80	1.20	0.85	
2.0	695								2.8	2.0	1.35	1.00	
2.3	619									2.2	1.50	1.10	0.85
2.5	558									2.5	1.70	1.20	0.95
2.9	489										1.90		1.05
3.4	415												1.25

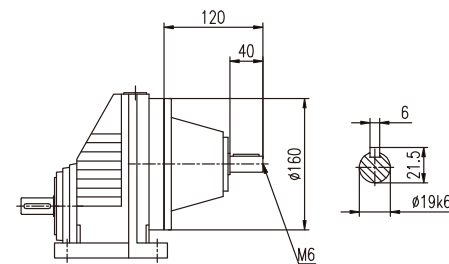
		使用系数fb service factor fb											
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW	5.5KW	7.5KW	11KW	15KW
2.6	533	BR147BR87 BRF147BR87					1.80	1.30	1.00				
3.0	462						2.1	1.50	1.15	0.85			
3.3	426					3.3	2.2	1.60	1.25	0.90			
3.8	368					3.8	2.6	1.85	1.45	1.05			
4.3	326						2.9	2.1	1.60	1.20	0.85		
5.0	280							2.5	1.90	1.40	1.00		
5.7	247								2.1	1.55	1.15	0.80	
6.5	214								2.5	1.80	1.30	0.90	
7.4	189								2.8	2.0	1.50	1.05	
8.8	159								3.4		1.80	1.20	
0.23	6077	BR167BR97 BRF167BR97	0.90										
0.26	5407		1.05										
0.30	4650		1.20	0.90									
0.34	4129		1.40	1.00									
0.53	2657			1.50	1.00								
0.60	2333			1.75	1.15	0.85							
0.67	2085			2.00	1.30	0.95							
0.75	1877				1.45	1.05							
0.84	1670				1.65	1.20	0.80						
0.97	1438			2.8	1.85	1.35	0.90						
1.1	1279				2.1	1.50	1.00						
1.2	1123				2.4	1.75	1.15	0.85					
1.4	999					1.95	1.30	0.95					
1.6	861						1.50	1.10	0.85				
1.8	760						1.70	1.25	0.95				
2.1	656						2.0	1.50	1.15	0.80			
2.4	579								0.95				
2.8	503							1.95	1.45	1.05	0.80		
3.2	432									1.25	0.90		
3.7	376								1.95	1.45	1.05		
4.2	335								2.2	1.60	1.15	0.80	
4.6	303									1.80	1.30	0.90	
5.0	279								1.95	1.40	0.95		
4.7	295	BR167BR107 BRF167BR107										0.95	
5.2	270											1.00	
6.1	229											1.20	0.85
7.0	200											1.35	1.00
8.3	169											1.60	1.20



BRX57

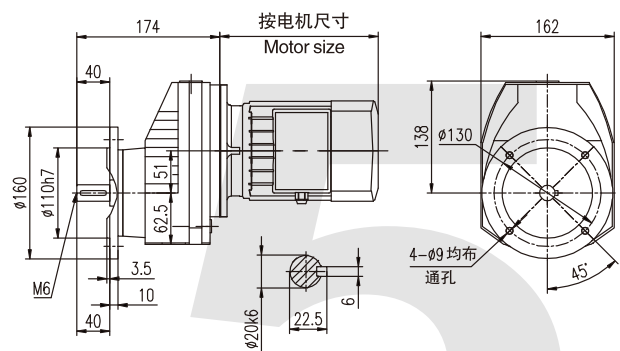


BRXS57

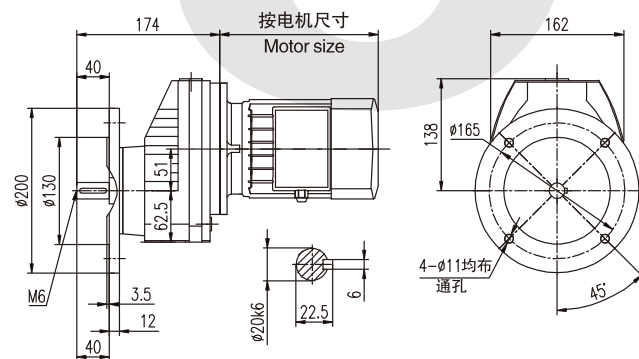


BRXF57

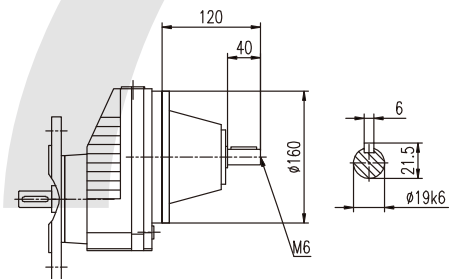
Φ 160



Φ 200

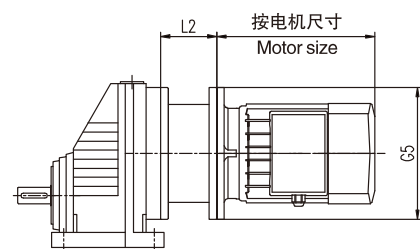


BRXFS57



BRX..57 需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer

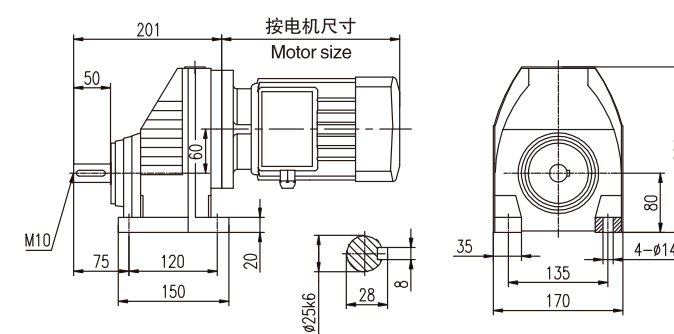


Y2电机座号 Motor size	63	71	80	90	100	112
功率/4P Power/(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3.0	4.0
L2	56	57	72	72	68	68
G5	Φ 140	Φ 160	Φ 200	Φ 200	Φ 250	Φ 250

注：1、“BRX..57”表示BRX..57、BRXF..57。
2、需方自配电机G5≥Φ 250时，是否影响正常安装。

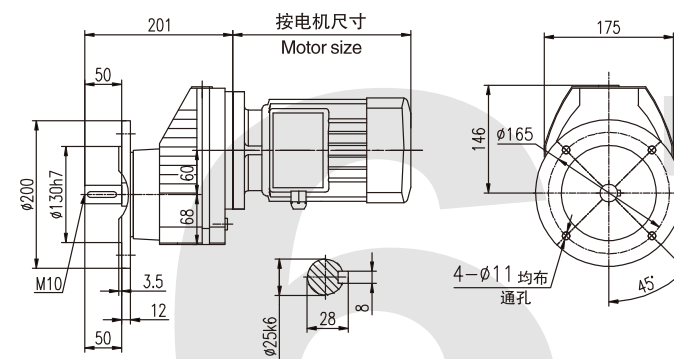
Note: 1. “BRX..57” means BRX..57、BRXF..57.
2. If the motor provided by the purchaser is G5≥Φ 250, please check if normal installation is influenced.

BRX67

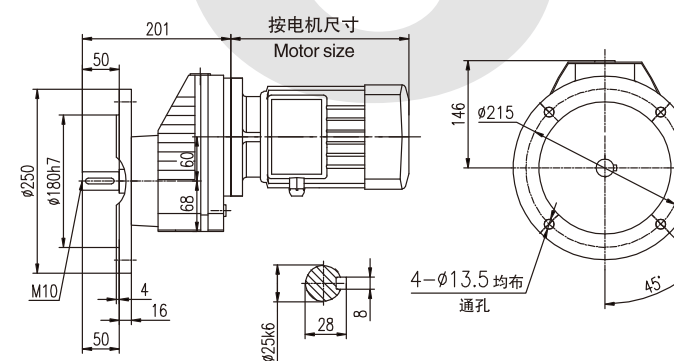


BRXF67

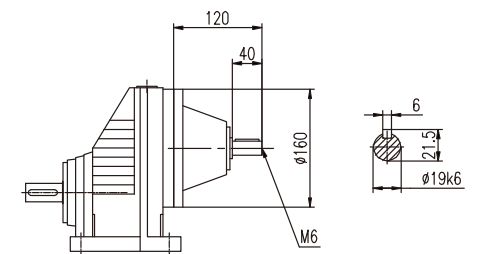
Φ 200



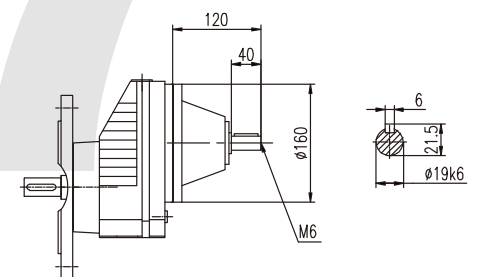
Φ 250



BRXS67



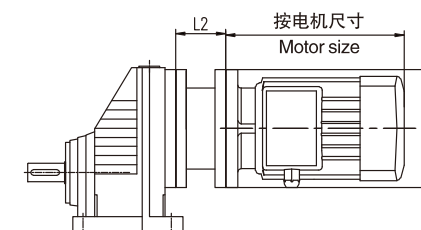
BRXFS67



BRX..67

需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer



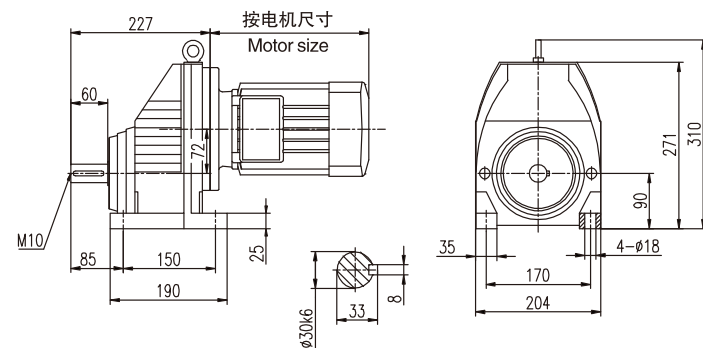
Y2电机座号 Motor size	63	71	80	90	100	112	132
功率/4P Power/(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3.0	4.0 5.5	7.5
L2	56	57	72	72	68	68	72
G5	Φ 140	Φ 160	Φ 200	Φ 200	Φ 250	Φ 250	Φ 300

注：1、“BRX..67”表示BRX..67、BRXF..67。
2、需方自配电机G5≥Φ 300时，是否影响安装。

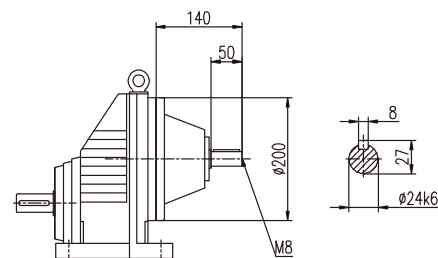
Note: 1. “BRX..67” means BRX..67、BRXF..67.
2. If the motor provided by the purchaser is G5≥Φ 300, please check if normal installation is influenced.



BRX77

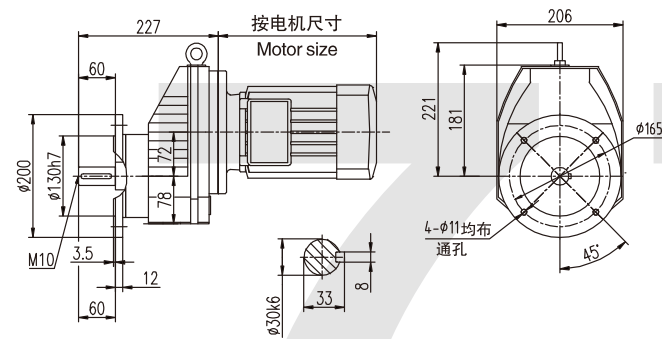


BRXS77

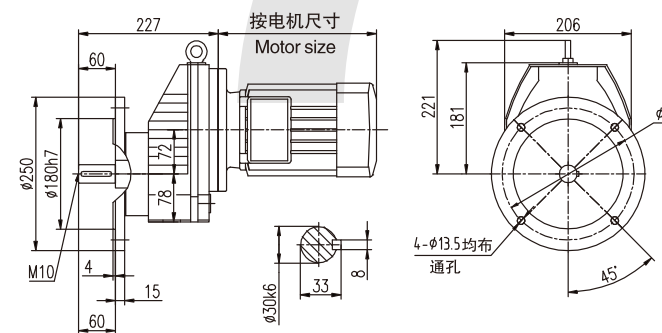


BRXF77

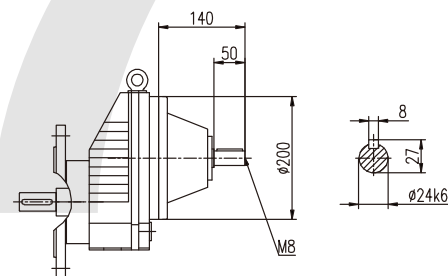
Φ 200



Φ 250



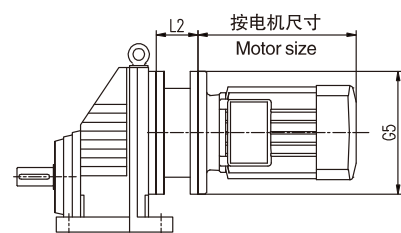
BRXFS77



BRX..77

需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer

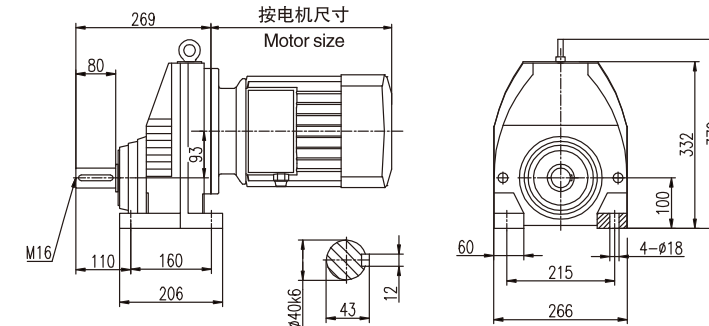


Y2电机座号 Motor size	90		100		112	132		160	
功率/4P Power/(kw)	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15
L2	63.5		65		65	68		94	
G5	Φ 200		Φ 250		Φ 250	Φ 300		Φ 350	

注：1、“BRX..77”表示BRX..77、BRXF..77。
2、需方自配电机G5≥Φ 350时，是否影响安装。

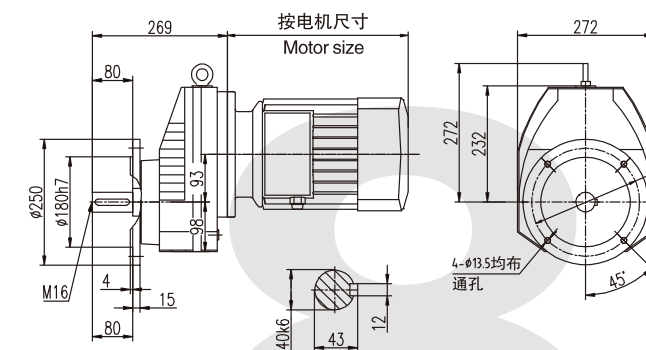
Note: 1. “BRX..77” means BRX..77、BRXF..77。
2. If the motor provided by the purchaser is G5≥Φ 350, please check if normal installation is influenced.

BRX87

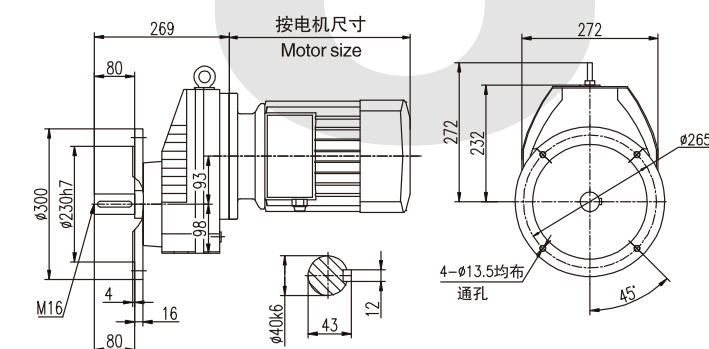


BRXF87

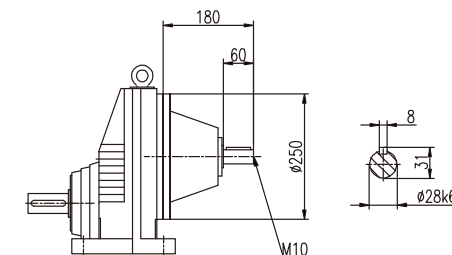
Φ 250



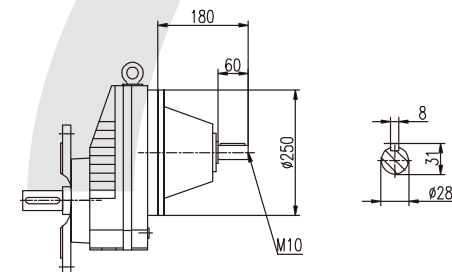
Φ 300



BRXS87



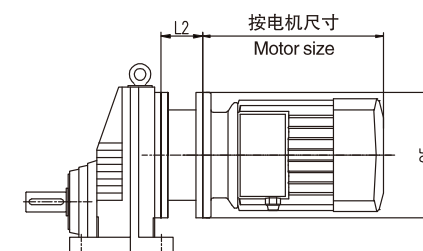
BRXFS87



BRX..87

需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer



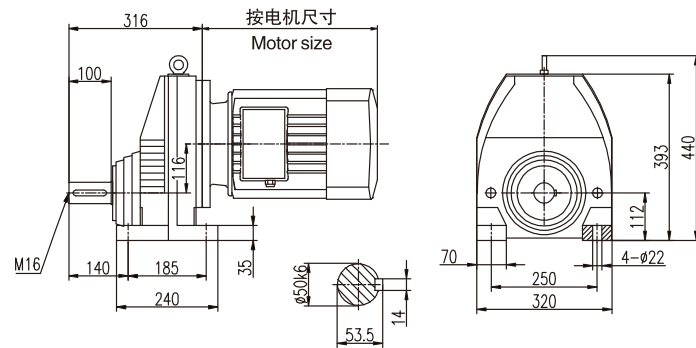
Y2电机座号 Motor size	100		112	132		160		180	
功率/4P Power/(kw)	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22
L2	64		64	83		95		95	
G5	Φ 250		Φ 250	Φ 300		Φ 350		Φ 350	

注：1、“BRX..87”表示BRX..87、BRXF..87。

Note: 1. “BRX..87” means BRX..87、BRXF..87。

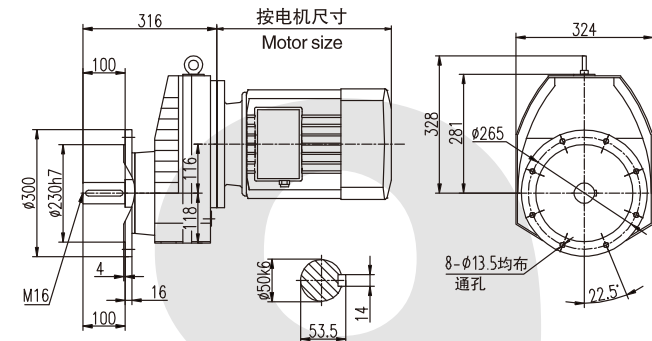


BRX97

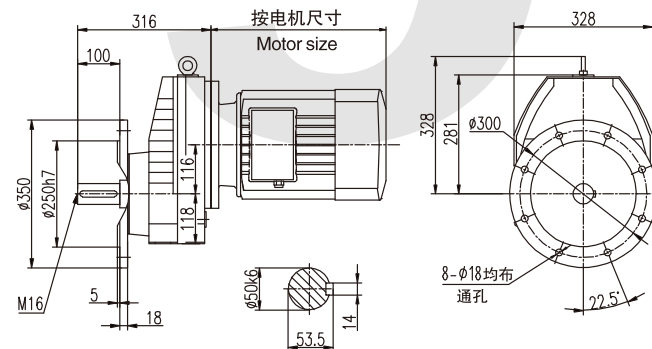


BRX97

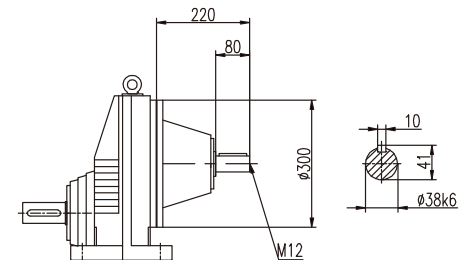
Φ 300



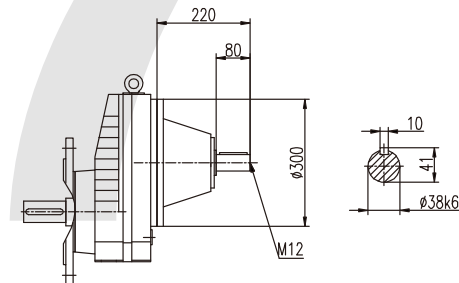
Φ 350



BRXS97



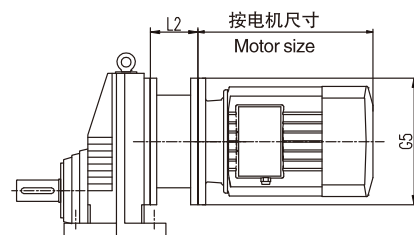
BRXS97



BRX..97

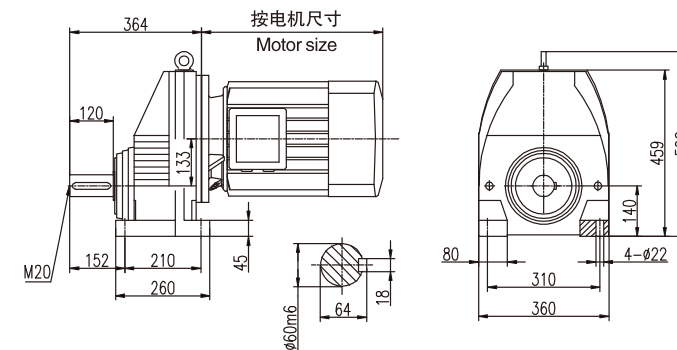
需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer



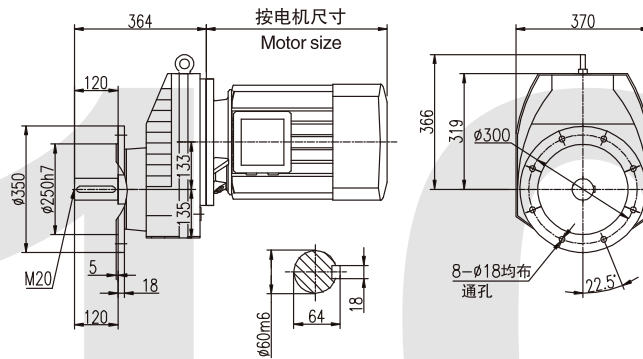
Y2电机座号 Motor size	132		160		180		200
功率/4P Power/(kw)	5.5	7.5	11	15	18.5	22	30
L2	70		113		113		108
G5	Φ 300		Φ 350		Φ 350		Φ 400

BRX107

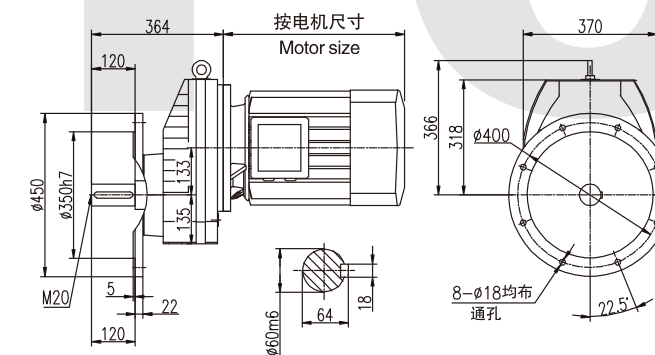


BRXF97

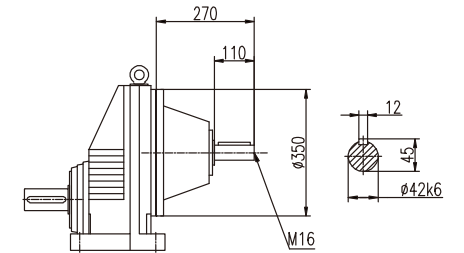
Φ 200



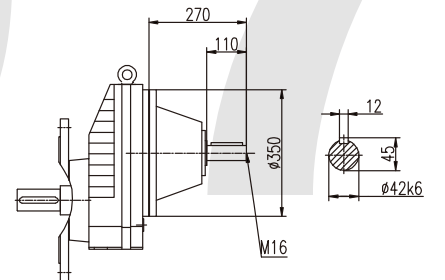
Φ 450



BRXS107



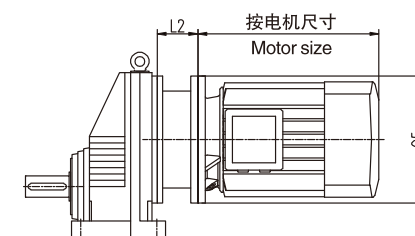
BRXFS107



BRX..107

需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer



Y2电机座号 Motor size	132		160		180		200		225	
功率/4P Power/(kw)	5.5	7.5	11	15	18.5	22	30	37	45	
L2	77		112		112		105		121	
G5	Φ 300		Φ 350		Φ 350		Φ 400		Φ 450	

注：1、“BRX..97”表示BRX..97、BRXF..97。

Note: 1. "BRX..97" means BRX..97、BRXF..97.

注: 1、“BRX..107”表示BRX..107、BRXF..107。

Note: 1. “BRX..107” means BRX..107、BRXF..107.



Technical drawing of the motor assembly showing front and side views with dimensions in mm.

Front View Dimensions:

- Total width: 173.5
- Motor size: 138
- Mounting flange diameter: $\phi 20 \times 6$
- Mounting flange thickness: 6
- Mounting flange hole diameter: 22.5
- Motor body width: 40
- Motor body height: 58
- Motor body diameter: 110
- Motor body total width: 131

Side View Dimensions:

- Total height: 135
- Motor size: 138
- Motor body height: 75
- Motor body width: 25
- Motor body diameter: 110
- Motor body total width: 135
- Motor body mounting holes: 4- $\phi 9$

Motor size dimensions:

- Motor size: 138
- Motor size: 135

Technical drawings of the motor with dimensions in millimeters.

Top Drawing (Motor size):

- Total length: 176
- Mounting flange diameter: $\varnothing 110$
- Mounting hole diameter: $\varnothing 100$
- 4 mounting holes of diameter $\varnothing 7$ (4- $\varnothing 7$ 通孔均布)
- Mounting flange detail: 22.5, 6

Bottom Drawing (Motor size):

- Total length: 176
- Mounting flange diameter: $\varnothing 140$
- Mounting hole diameter: $\varnothing 115$
- 4 mounting holes of diameter $\varnothing 9$ (4- $\varnothing 9$ 通孔均布)
- Mounting flange detail: 22.5, 6

Technical drawing of the motor assembly showing dimensions 56 and 65, and labels "按电机尺寸" and "Motor size".

注: 1、“BR”表示BR、BRF。
2、需方自配电机G5 $\geq$ Φ200时,是否影响正常安装。

Note: 1. "BR" means BR、BRF.
2. If the motor provided by the purchaser is G5 $\geq$ Φ 200, please check if normal installation is influenced.

[illegible][illegible][illegible]

Φ160

按电机尺寸
Motor size

Dimensions shown:

- Top view: 197.5, 50, 10, 144
- Side view: 110.7, 28, 56, 4.4, 3.5, M10, 93, 144
- Front view: 144, 4-Ø9 通孔均

Technical drawing of a mechanical assembly. The main view shows a side profile with dimensions: 115 (total length), 40 (distance from end to start of cone), and $\phi 120$ (diameter of the cone). A detail view shows a cross-section of a hole with dimensions: 5 (hole diameter), 9 (hole depth), and $\phi 16k6$ (shaft diameter). The detail view also shows a hole with a diameter of 5 and a depth of 9.

[illegible]

Y2电机座号 Motor size	63	71		80	
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75
L2	56	56		56	
G5	Φ 140	Φ 160		Φ 200	

按电机尺寸
Motor size

L2

G5

Y2电机座号 Motor size	63	71		80		90		100	
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3
L2	56	56		56		56		82	
G5	Φ 140	Φ 160		Φ 200		Φ 200		Φ 250	

注：1、“BR”表示BR、BRF。
2、需方自配电机 $G5 \geq \Phi 200$ 时，是否影响正常安装。

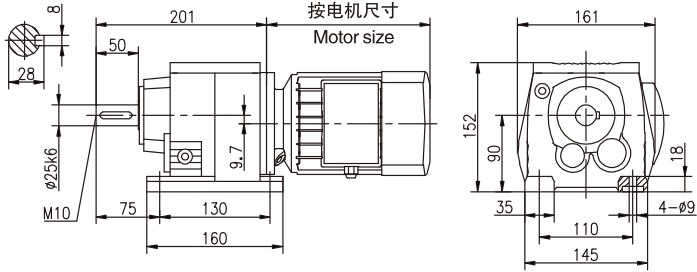
Note: 1. "BR" means BR、BRF.
2. If the motor provided by the purchaser is $G5 \geq \Phi 200$, please check if normal installation is influenced.

-46-

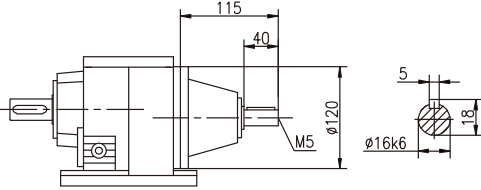


FECO
TRANSMISSION

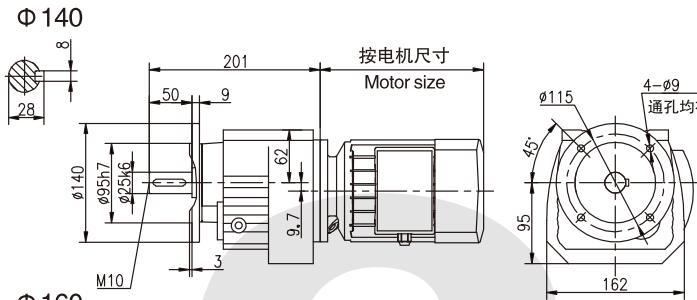
BR37



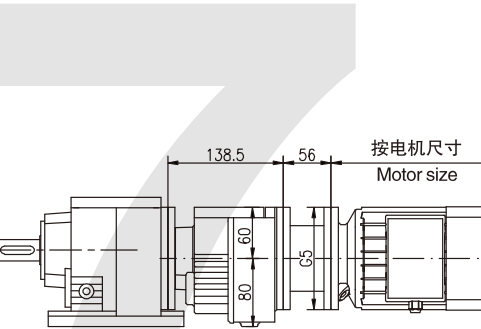
BR..S37



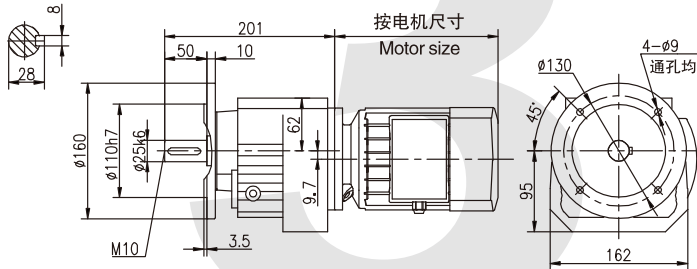
BRF37



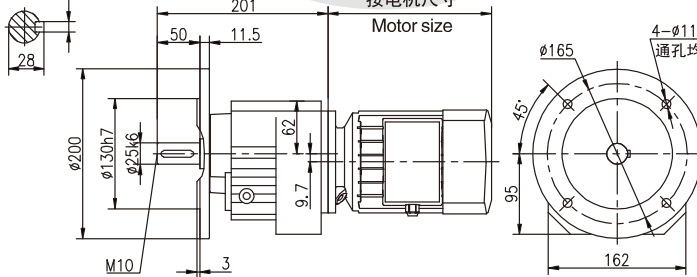
BR..S37BR17



Φ 140



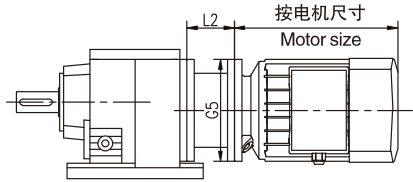
Φ 160



BR..37

需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer



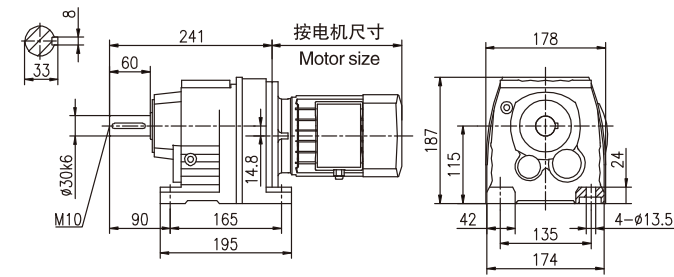
Y2电机座号 Motor size	63	71	80	90	100
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75
L2	56	56	56	56	82
G5	Φ 140	Φ 160	Φ 200	Φ 200	Φ 250

注：1、“BR”表示BR、BRF。
2、需方自配电机G5≥Φ 200时，是否影响正常安装。

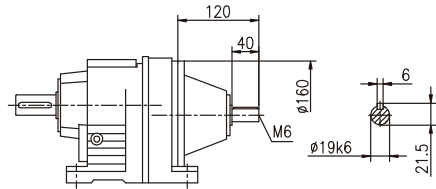
Note: 1. “BR” means BR、BRF.
2. If the motor provided by the purchaser is G5≥Φ 200, please check if normal installation is influenced.



BR47

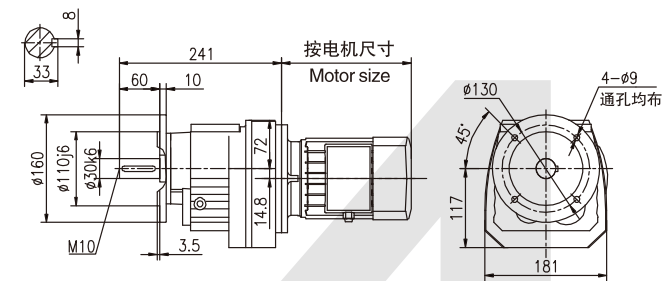


BR..S47

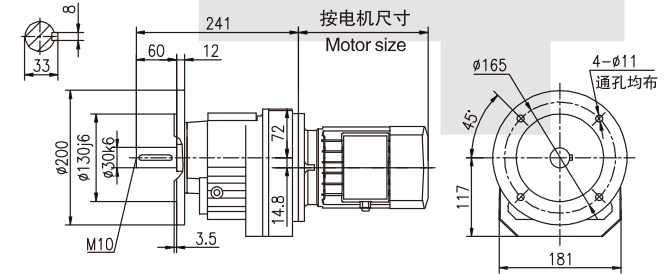


BRF47

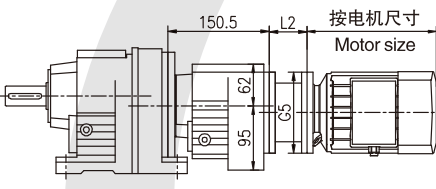
Φ 160



Φ 200



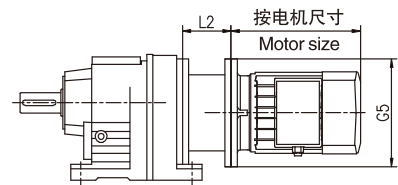
BR..47BR37



Y2电机座号 Motor size	63		71		80		90		100	
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	
L2	56	56		56		56		82		
G5	Φ 140	Φ 160		Φ 200		Φ 200		Φ 250		

BR..47 需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer



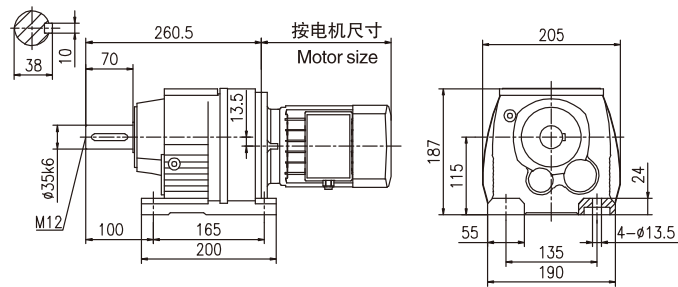
Y2电机座号 Motor size	63		71		80		90		100		112
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	
L2	56		57		72		72		68		68
G5	Φ 140		Φ 160		Φ 200		Φ 200		Φ 250		Φ 250

注：1、“BR”表示BR、BRF。
2、需方自配电机G5≥Φ 250时，是否影响正常安装。

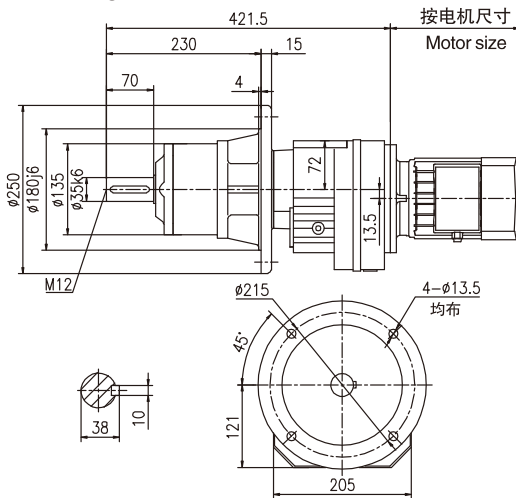
Note: 1. “BR” means BR、BRF.
2. If the motor provided by the purchaser is G5≥Φ 250, please check if normal installation is influenced.



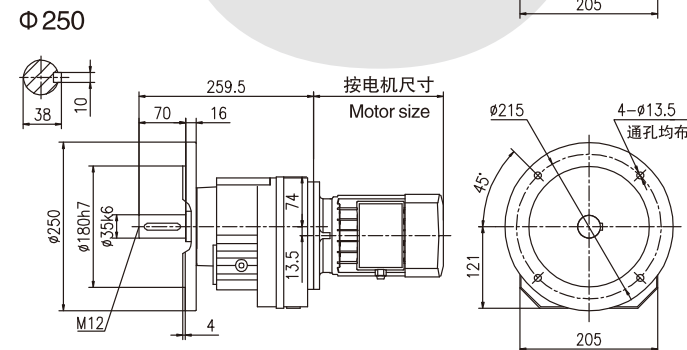
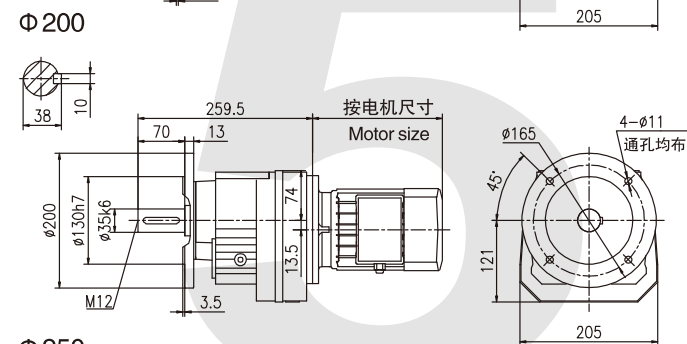
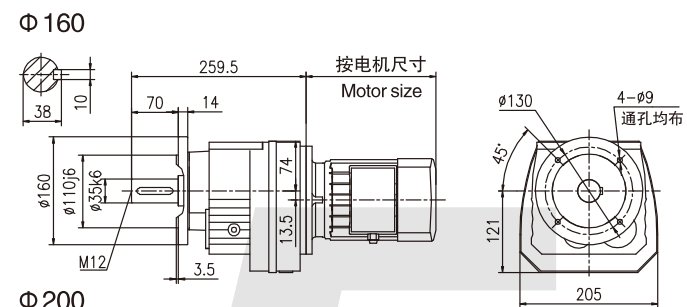
BR57



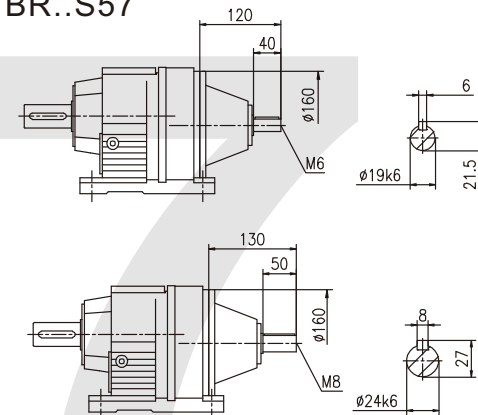
BRM57



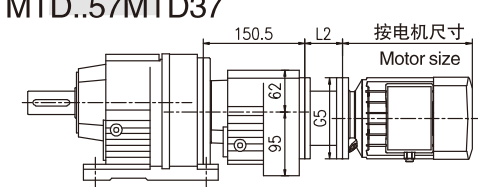
BRF57



BR..S57



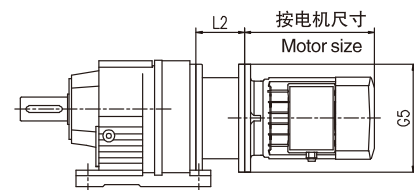
MTD..57MTD37



Y2电机座号 Motor size	63	71	80	90	100
功率/4P Power/(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3
L2	56	56	56	56	82
G5	Φ 140	Φ 160	Φ 200	Φ 200	Φ 250

BR..57 需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer

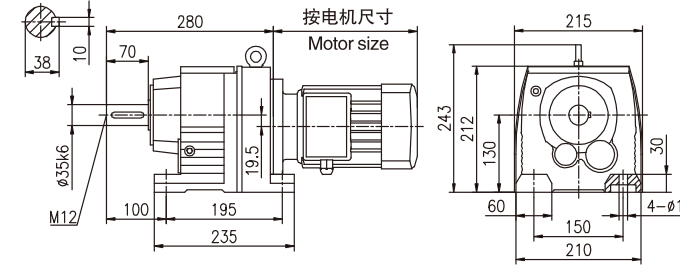


Y2电机座号 Motor size	63	71	80	90	100	112	132
功率/4P Power/(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4 5.5	7.5
L2	56	57	72	72	68	68	105
G5	Φ 140	Φ 160	Φ 200	Φ 200	Φ 250	Φ 250	Φ 300

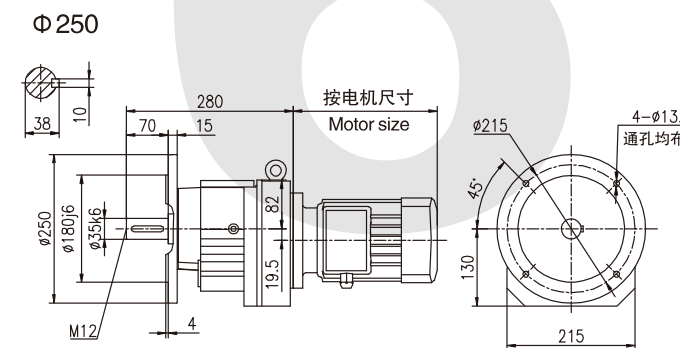
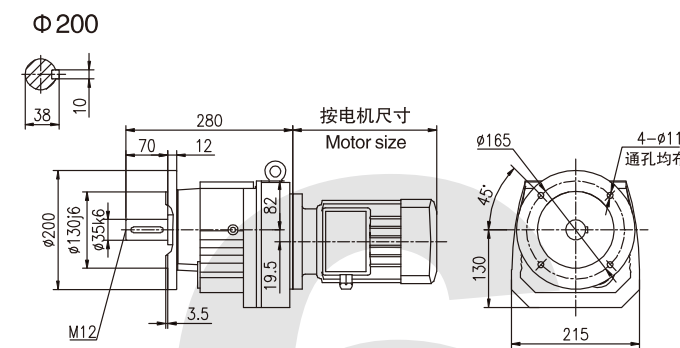
注：1、“BR”表示BR、BRF。
2、需方自配电机G5≥Φ250时，是否影响正常安装。

Note: 1. “BR” means BR、BRF.
2. If the motor provided by the purchaser is G5≥Φ250, please check if normal installation is influenced.

BR67

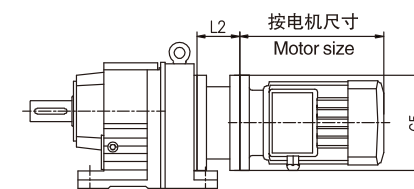


BRF67



BR..67 需方自配电机需加联接法兰

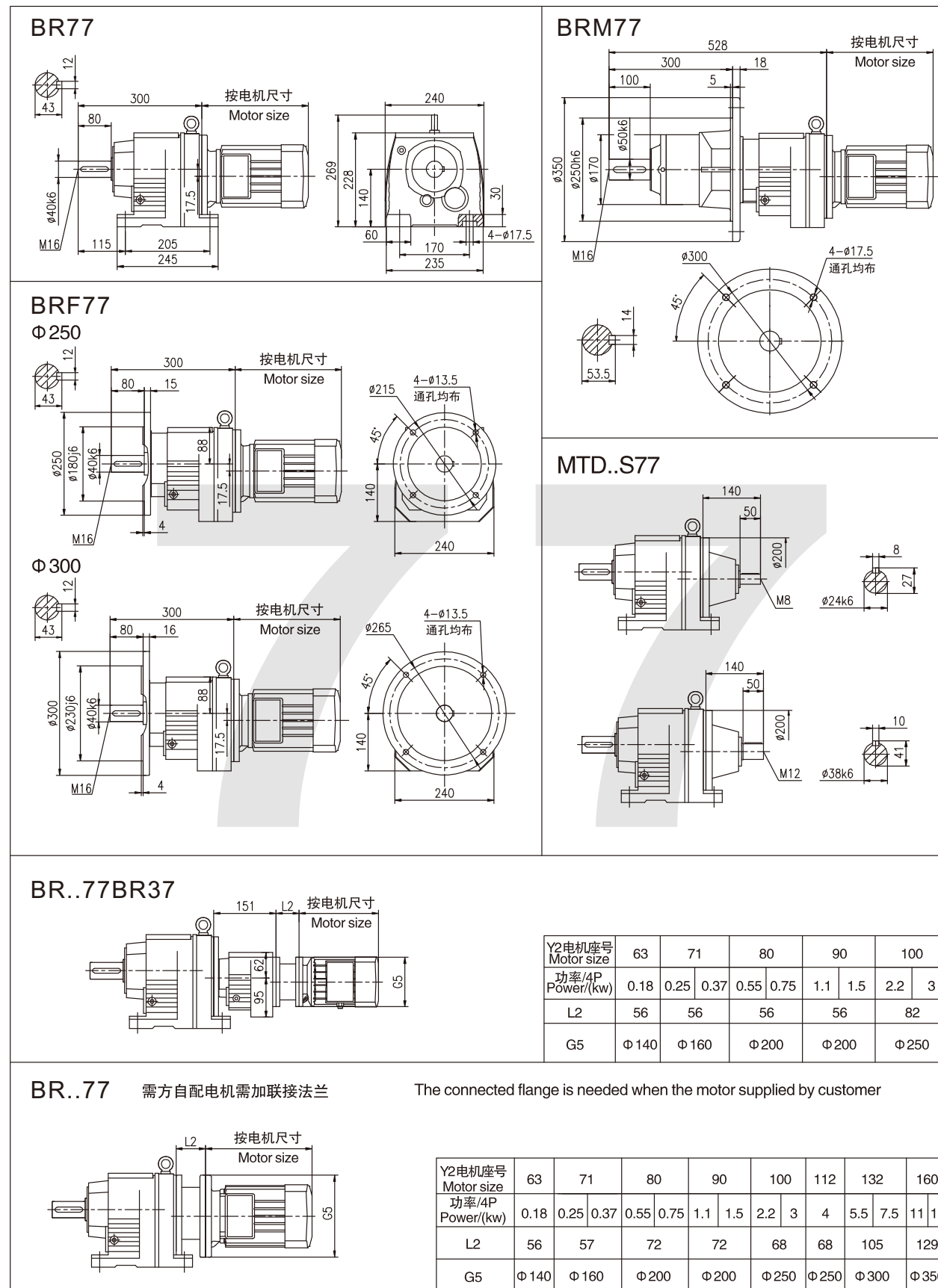
The connected flange is needed when the motor supplied by customer



Y2电机座号 Motor size	63	71	80	90	100	112	132
功率/4P Power/(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4 5.5	7.5
L2	56	57	72	72	68	68	105
G5	Φ 140	Φ 160	Φ 200	Φ 200	Φ 250	Φ 250	Φ 300

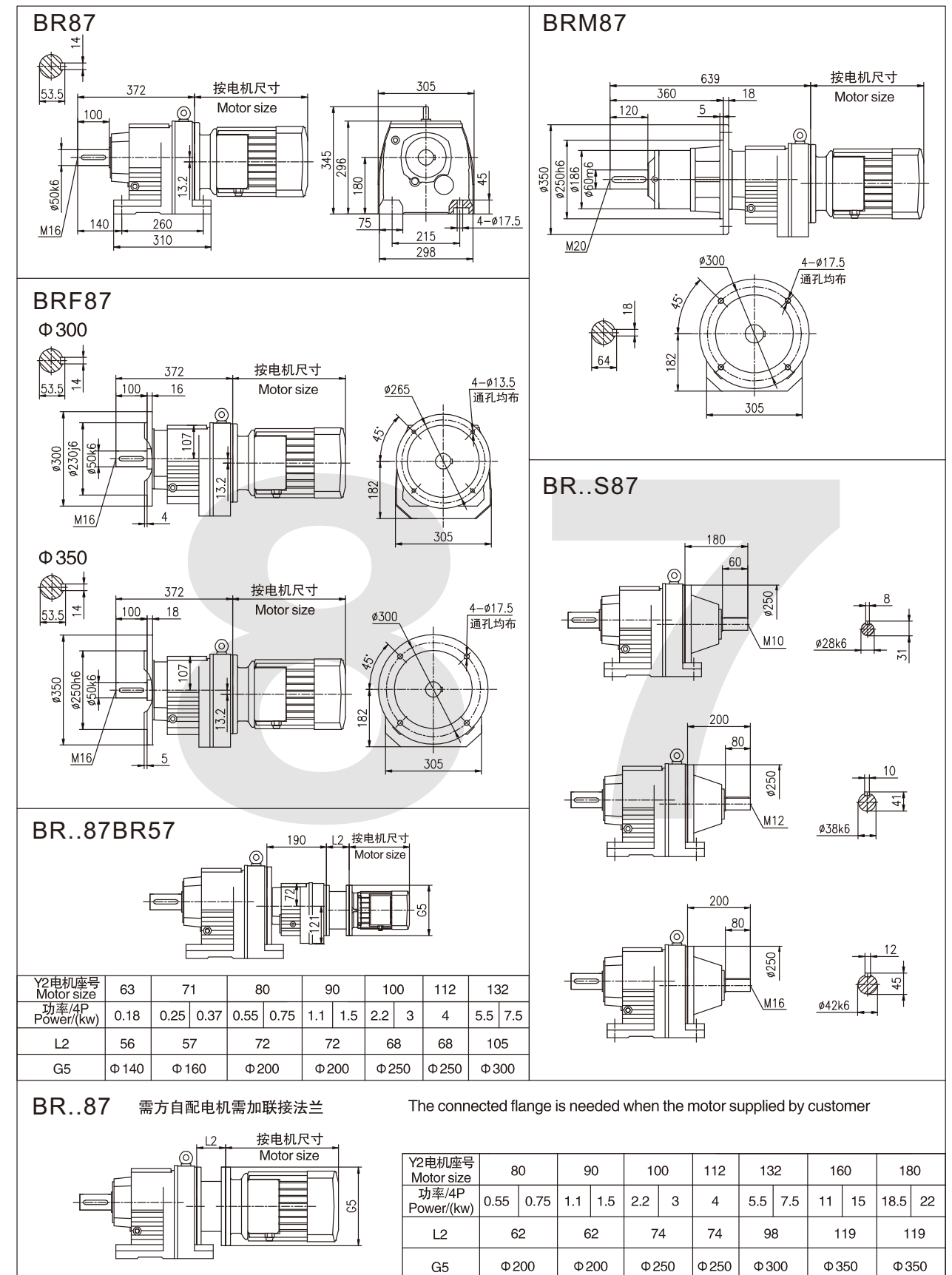
注：1、“BR”表示BR、BRF。
2、需方自配电机G5≥Φ250时，是否影响正常安装。

Note: 1. “BR” means BR、BRF.
2. If the motor provided by the purchaser is G5≥Φ250, please check if normal installation is influenced.



注：1、“BR”表示BR、BRF。
2、需方自配电机G5≥Φ250时，是否影响正常安装。

Note: 1. “BR” means BR、BRF.
2. If the motor provided by the purchaser is G5≥Φ250, please check if normal installation is influenced.

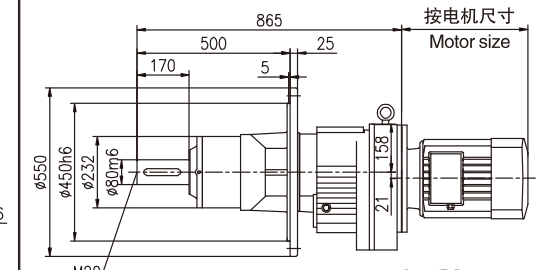
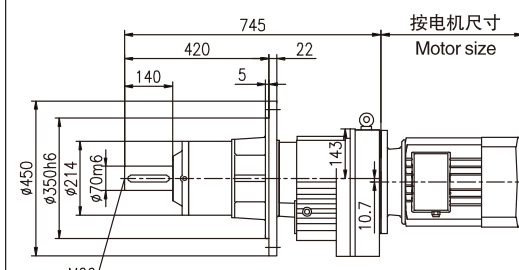


注：1、“BR..”表示BR、BRF。
2、需方自配电机G5≥Φ300时，是否影响正常安装。

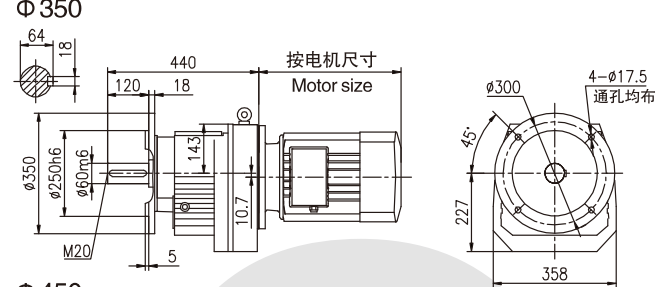
Note: 1. “BR..” means BR、BRF.
2. If the motor provided by the purchaser is G5≥Φ300, please check if normal installation is influenced.



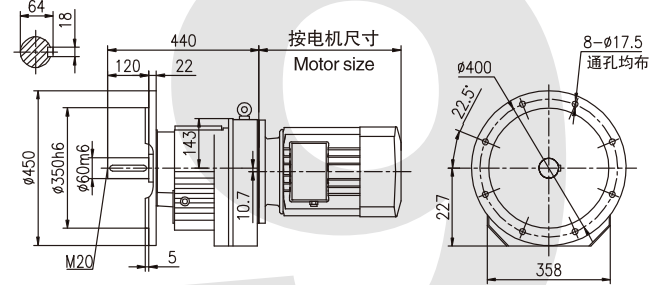
BRM107



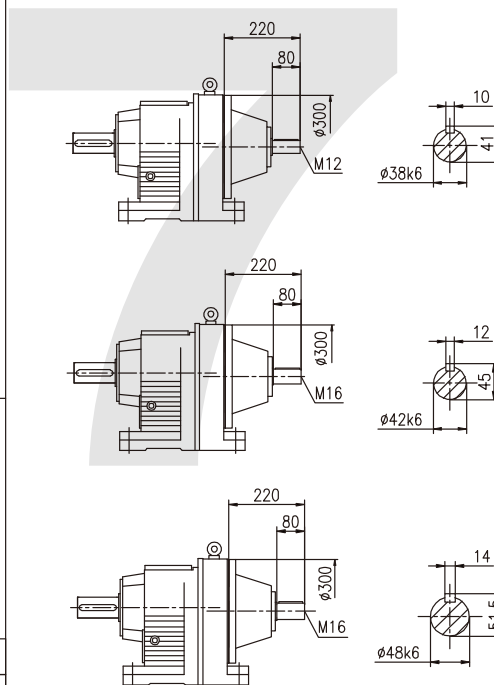
BRF97



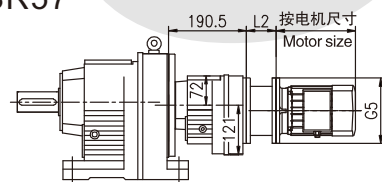
Φ 450



MTD..S97



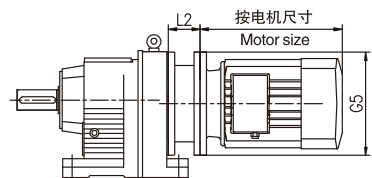
BR..97BR57



Y2电机座号 Motor size	63	71		80		90		100		112		132	
功率(4P Power/(kw))	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4		5.5	7.5
L2	56		56		72		72		68		68		105
G5	Φ 140		Φ 160		Φ 200		Φ 200		Φ 250		Φ 250		Φ 300

BR..97 需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer

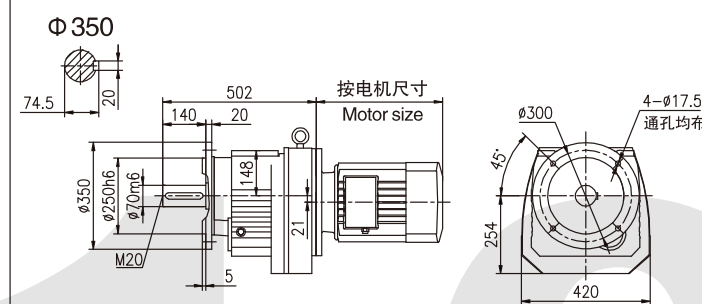


Y2电机座号 Motor size	80		90		100		112		132		160		180		200	
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4		5.5	7.5	11	15	18.5	22	30	
L2	50		50		50		50		92		113		113		123	
G5	Φ 200		Φ 200		Φ 250		Φ 250		Φ 300		Φ 350		Φ 350		Φ 400	

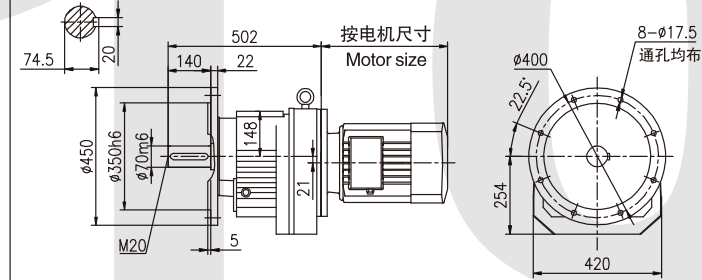
注：1、“BR.”表示BR、BRF。
2、需方自配电机G5 $\geq$ Φ300时，是否影响正常安装。

Note: 1. "BR.." means BR、BRF.
2. If the motor provided by the purchaser is $G5 \geq \Phi 300$, please check if normal installation is influenced.

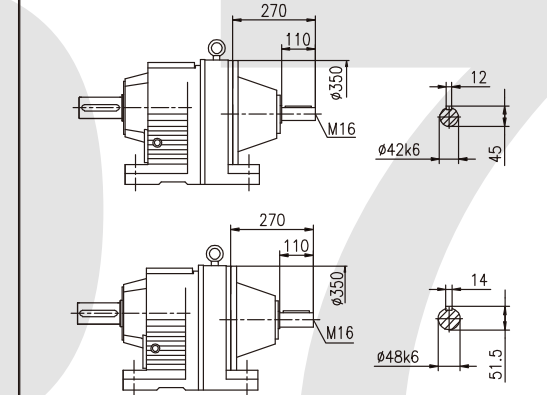
BRF107



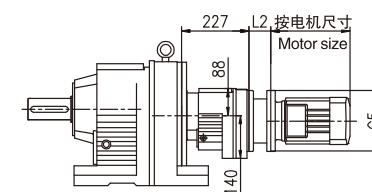
Φ 450



BR..S107



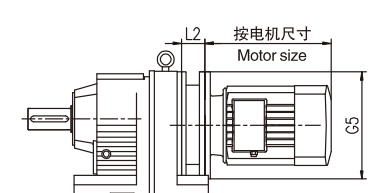
BR..107BR77



Y2电机型号 Motor size	63	71	80	90	100	112	132	160						
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15
L2	56	57	72	72	68	68	105	129						
G5	Φ 140	Φ 160	Φ 200	Φ 200	Φ 250	Φ 250	Φ 300	Φ 350						

BR..107 需方自配电机需加联接法兰

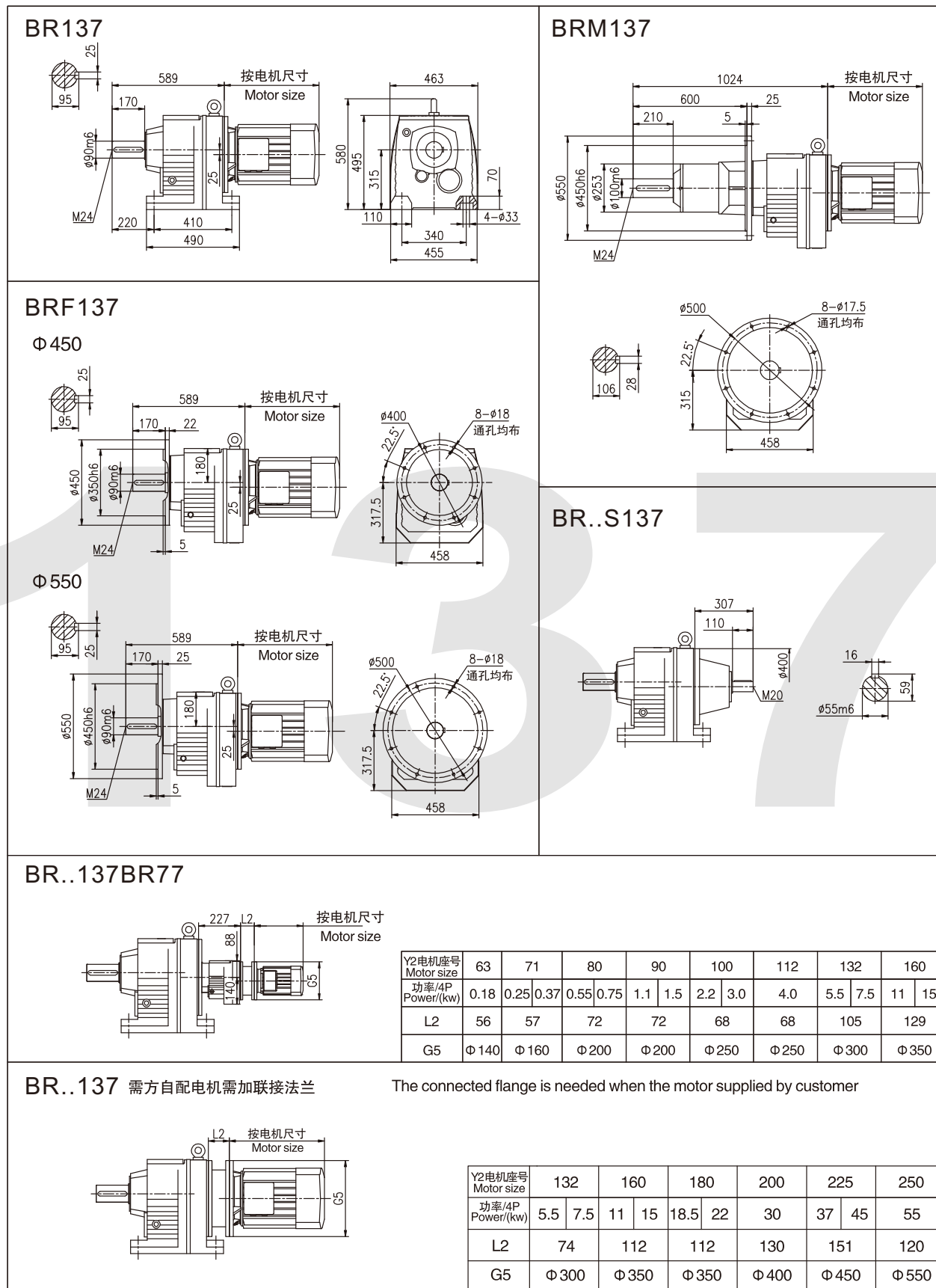
The connected flange is needed when the motor supplied by customer



Y2电机座号 Motor size	100		112		132		160		180		200		225	
功率/4P Power/(kw)	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45		
L2	55		55		76		112		112		130		151	
G5	Φ250		Φ250		Φ300		Φ350		Φ350		Φ400		Φ450	

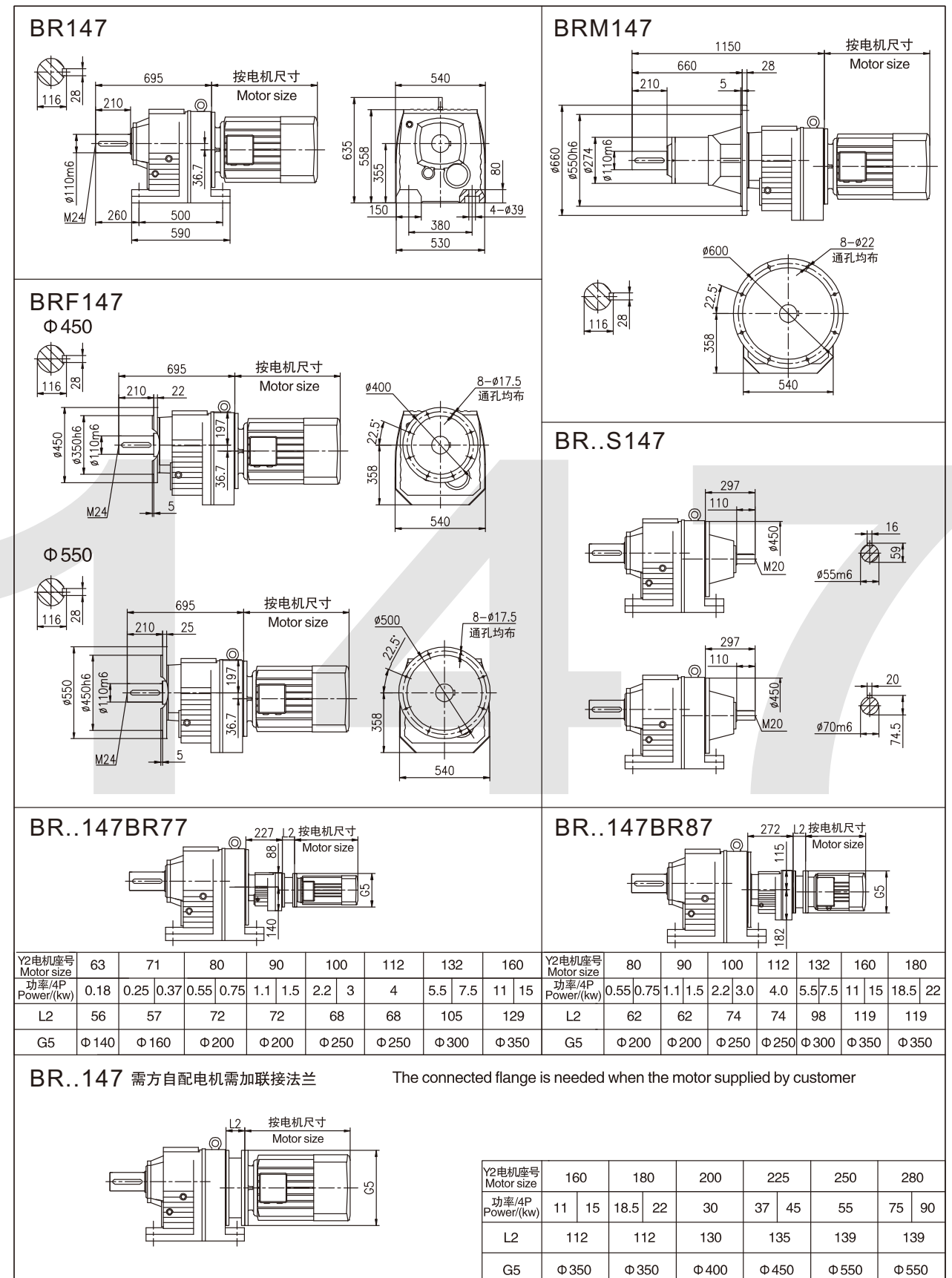
注：1、“BR..”表示BR、BRF。
2、需方自配电机G5 $\geq$ Φ350时，是否影响正常安装。

Note: 1. "BR.." means BR、BRF.
2. If the motor provided by the purchaser is $G5 \geq \Phi 350$, please check if normal installation is influenced.



注：1、“BR..”表示BR、BRF。
2、需方自配电机G5≥Φ350时，是否影响正常安装。

Note: 1. “BR..” means BR、BRF.
2. If the motor provided by the purchaser is G5 ≥ Φ 350, please check if normal installation is influenced.



注：1、“BR..”表示BR、BRF。
2、需方自配电机G5≥Φ400时，是否影响正常安装。

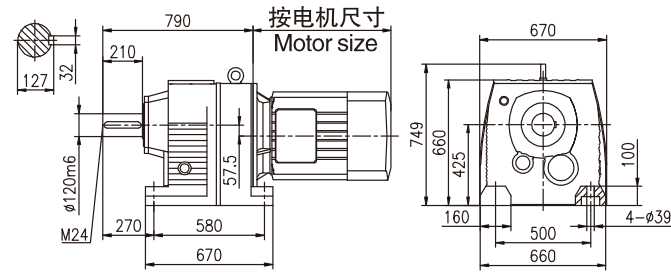
Note: 1. “BR..” means BR、BRF.
2. If the motor provided by the purchaser is G5 ≥ Φ 400, please check if normal installation is influenced.



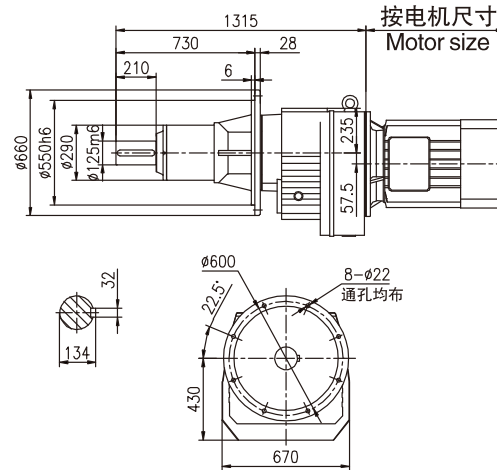
FECO TRANSMISSION

BR

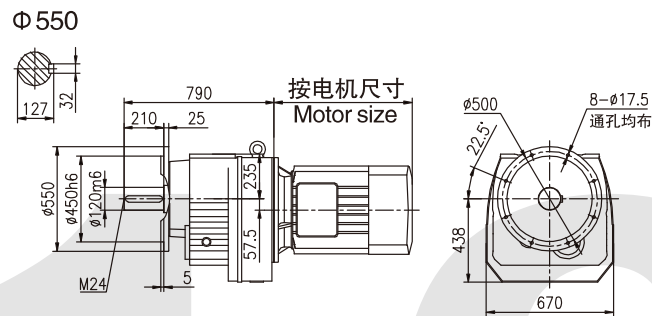
BR167



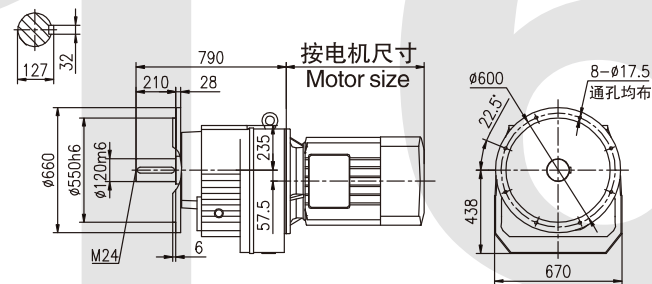
BRM167



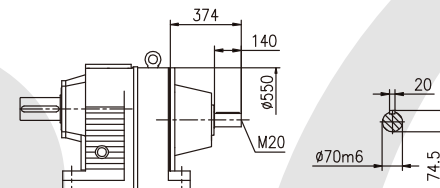
BRF167



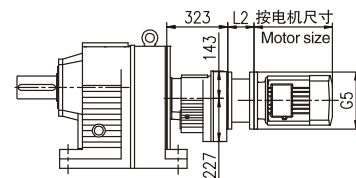
Φ660



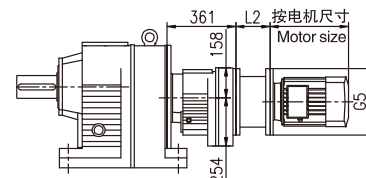
BR..S167



BR..167BR97



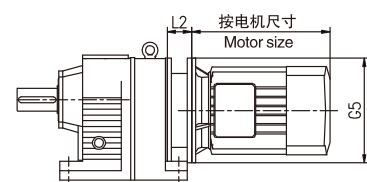
BR..167BR107



Y2电机座号 Motor size	80		90		100		112	132		160		180		200	Y2电机座号 Motor size	100		112	132		160		180		200	225	
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	1.1	15	18.5	22	30	功率/4P Power/(kw)	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45
L2	50		50		50		50	92		113		113		123	L2	55		55		76		112		112		130	151
G5	Φ200		Φ200		Φ250		Φ250	Φ300		Φ350		Φ350		Φ400	G5	Φ250		Φ250		Φ300		Φ350		Φ350		Φ350	Φ450

BR..167 需方自配电机需加联接法兰

The connected flange is needed when the motor supplied by customer



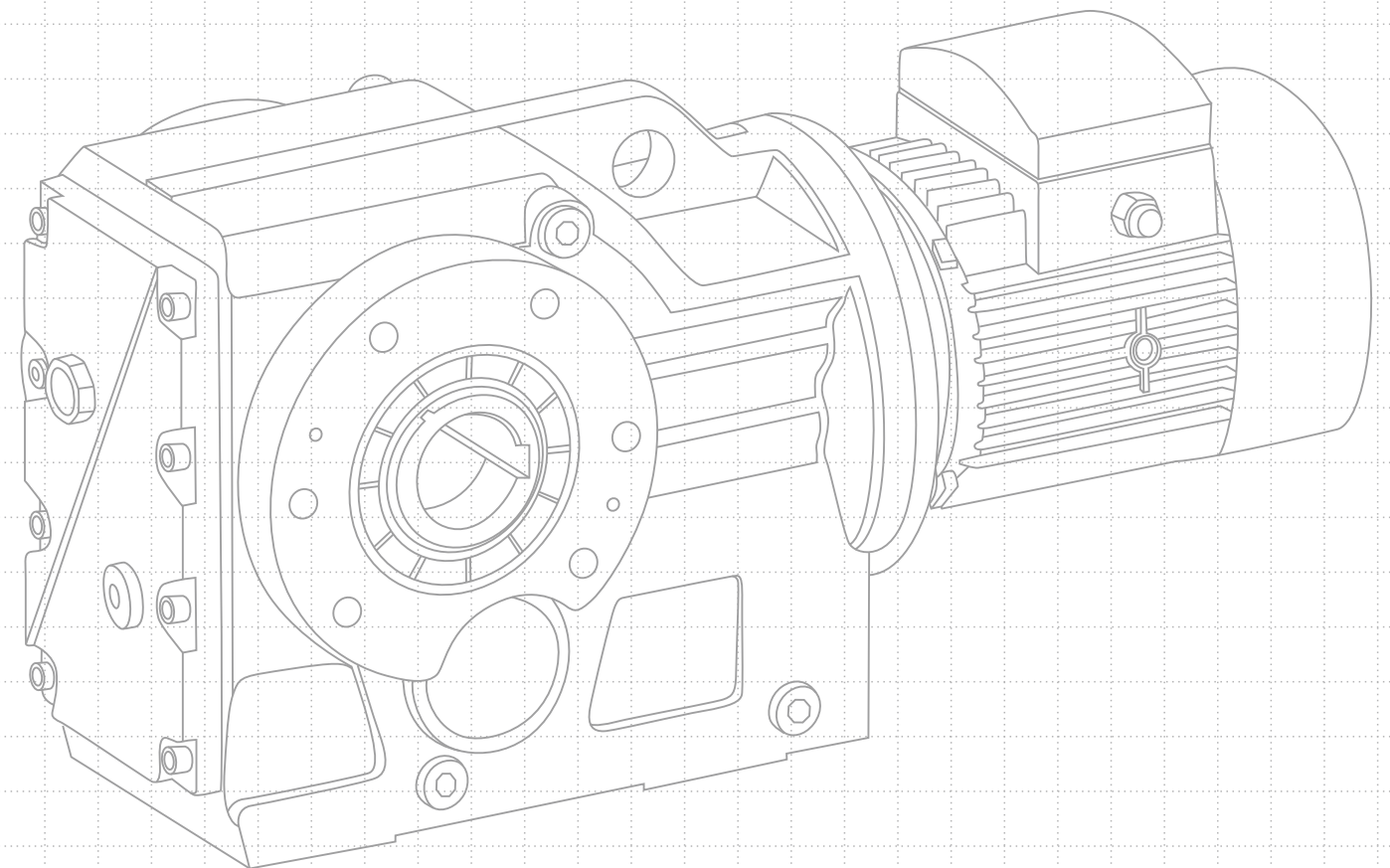
Y2电机座号 Motor size	160		180		200		225		250		280		315			
功率/4P Power/(kw)	11	15	18.5	22	30		37	45	55	75	90	110	132	160		
L2	101		101		111		116		120		120		170			
G5	Φ 350		Φ 350		Φ 400		Φ 450		Φ 550		Φ 550		Φ 660			

注：1、“BR..”表示BR、BRF。
2、需方自配电机G5≥Φ400时，是否影响正常安装。

Note: 1. “BR..” means BR、BRF.
2. If the motor provided by the purchaser is G5≥Φ400, please check if normal installation is influenced.

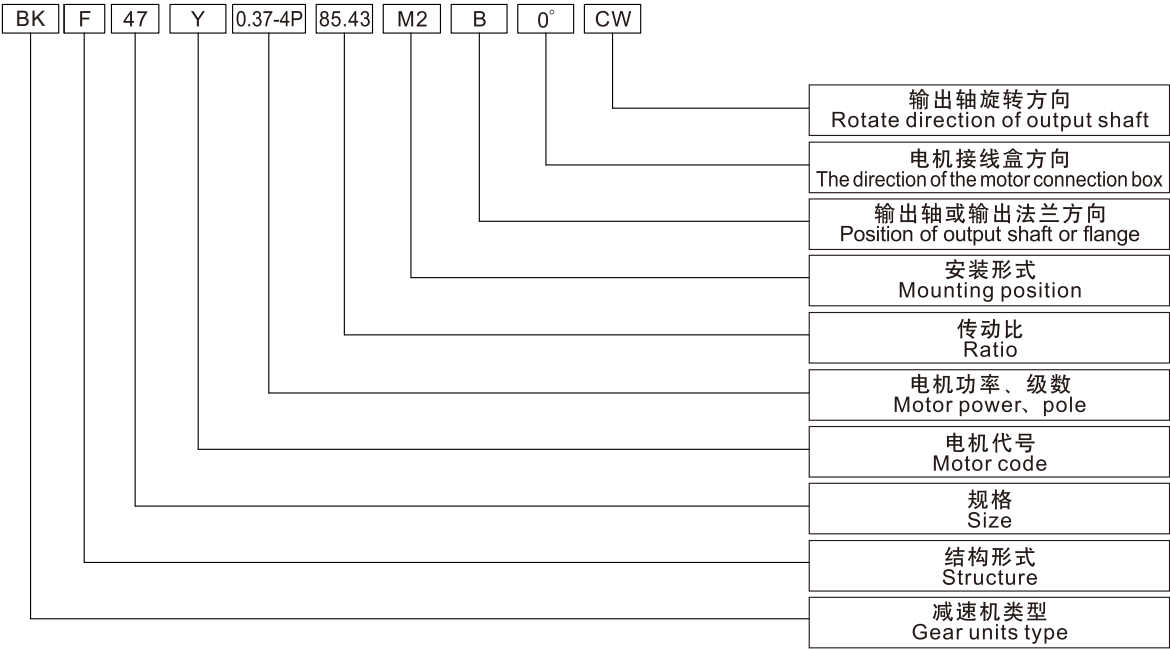


BK系列弧齿锥齿轮减速机 BK Series Helical Bevel Gear Reductor





一、型号说明 Instructions for Models



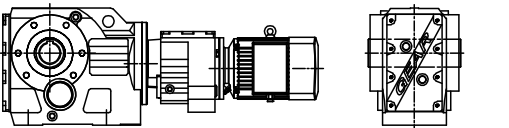
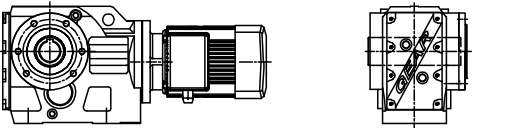
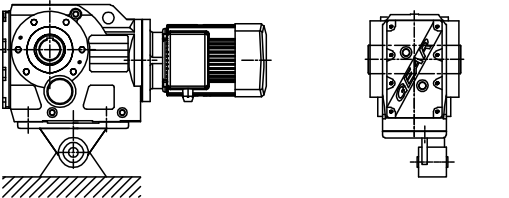
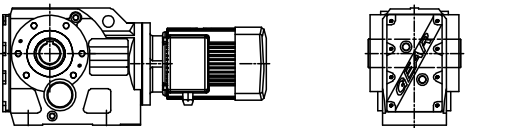
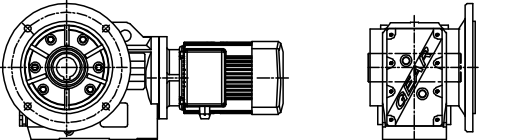
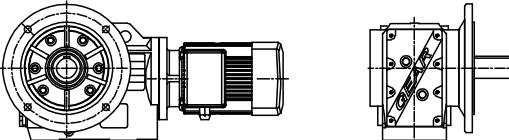
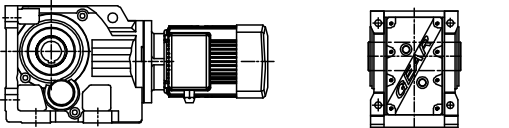
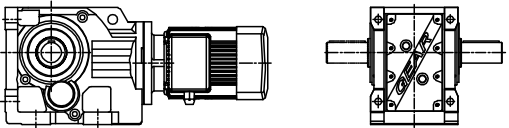
- 1、减速机类型及结构形式(见60页) Gear units type and structure(page 60)
2、减速机规格(见选型参数表) Size (see selection table)
3、电机类型代号 Codes for Motor Tyoes:

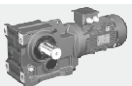
Y(Y2)系列普通电机 Y(Y2)series motor	Y(Y2)	防爆电机 Flameproof Motor	YB	直流电机 Direct Current Motor	Z
制动电机 Brake motor	YEJ	辊道电机 Roll Motor	YGa(YG B)	变频电机 Variable Frequency Motor	YVP
变频制动电机 Transduction braking	YVPEJ	变频辊道电机 Transduction roller way	YGP	冶金起重 Metallurgy hoisting	YZR
客户自配电机 Motor supplied by customer	ZP				

- 4、电机功率、极数:(见选型参数表) Motor power 、 pole:(see selection table)
5、传动比:(见选型参数表) Ratio: (see selection table)
6、安装形式:M1、M2、M3、M4、M5、M6(见安装形式图) Mounting position: M1、M2、M3、M4、M5、M6(see Mounting position)
7、输出轴或输出法兰方向:(见安装形式图) Position of output shaft or flange (see mounting position)
8、输出轴旋转方向(面对输出轴出轴端面看) Rotate direction of output shaft (viewing on output shaft)
顺时针方向: CW 逆时针方向: CCW Clockwise: CW Counter clockwise: CCW
9、联接法兰: 配标准电机时用, 直联电机可省略 Coupling flange: with standard motor, motor straight ellipsis

二、结构形式 Mounting type

- 1.BK 型
底脚安装弧齿锥齿轮硬齿面减速机。
1.Model BK..7
Foot-mounted helical-bevel gear redactor
- 2.BKAB 型
底脚空心轴安装弧齿锥齿轮硬齿面减速机。
2.Model BKAB
Foot-mounted helical-bevel gear redactor with hollow shaft
- 3.BKAB型
B5法兰安装弧齿锥齿轮硬齿面减速机。
3.Model BKAB
Helical-bevel gear redactor in B5 flange-mounted version
- 4.BKAF 型
B5法兰空心轴安装弧齿锥齿轮硬齿面减速机。
4.Model BKAF
Helical-bevel gear redactor in B5 flange-mounted version with hollow shaft
- 5.BKA 型
空心轴安装弧齿锥齿轮硬齿面减速机
5.Model BKA
Helical-bevel gear redactor with hollow shaft
- 6.BKAT 型
空心轴安装防转臂固定弧齿锥齿轮硬齿面减速机
6.Model BKAT
Helical-bevel gear redactor in torque-arm version with hollow shaft
- 7.BKAZ 型
B14法兰空心轴安装弧齿锥齿轮硬齿面减速机。
7.Model BKAZ
Helical-bevel gear redactor in B14 flange-mounted version with hollow shaft
- 8.BK..BR 型
BK系列与BR..7系列组合减速机
8.Model BK.BR
Combination of BK series redactor and BR..7 series redactor
- 9.BK..S 型
输入轴型, 即配输入轴不配电动机的弧齿锥硬齿面齿轮减速机
9.Model BK..S
Input-shaft style ,in another word, helical-bevel gear redactor equipped with input shaft but without the motor





三、润滑油量表 Lubrication table

BK...、BKAB...

机型号 type	润滑油量（升） Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
BK ...37	0.5	1	1	1.3	1	1
BK ...47	0.8	1.3	1.5	2	1.6	1.6
BK ...57	1.2	2.3	2.5	3	2.6	2.4
BK ...67	1.1	2.4	2.6	3.4	2.6	2.6
BK ...77	2.2	4.1	4.4	5.9	4.2	4.4
BK ...87	3.7	8	8.7	10.9	7.8	8
BK ...97	7	14	15.7	20	15.7	15.5
BK...107	10	21	25.5	33.5	24	24
BK...127	21	41.5	44	54	40	41
BK...157	31	62	65	90	58	62

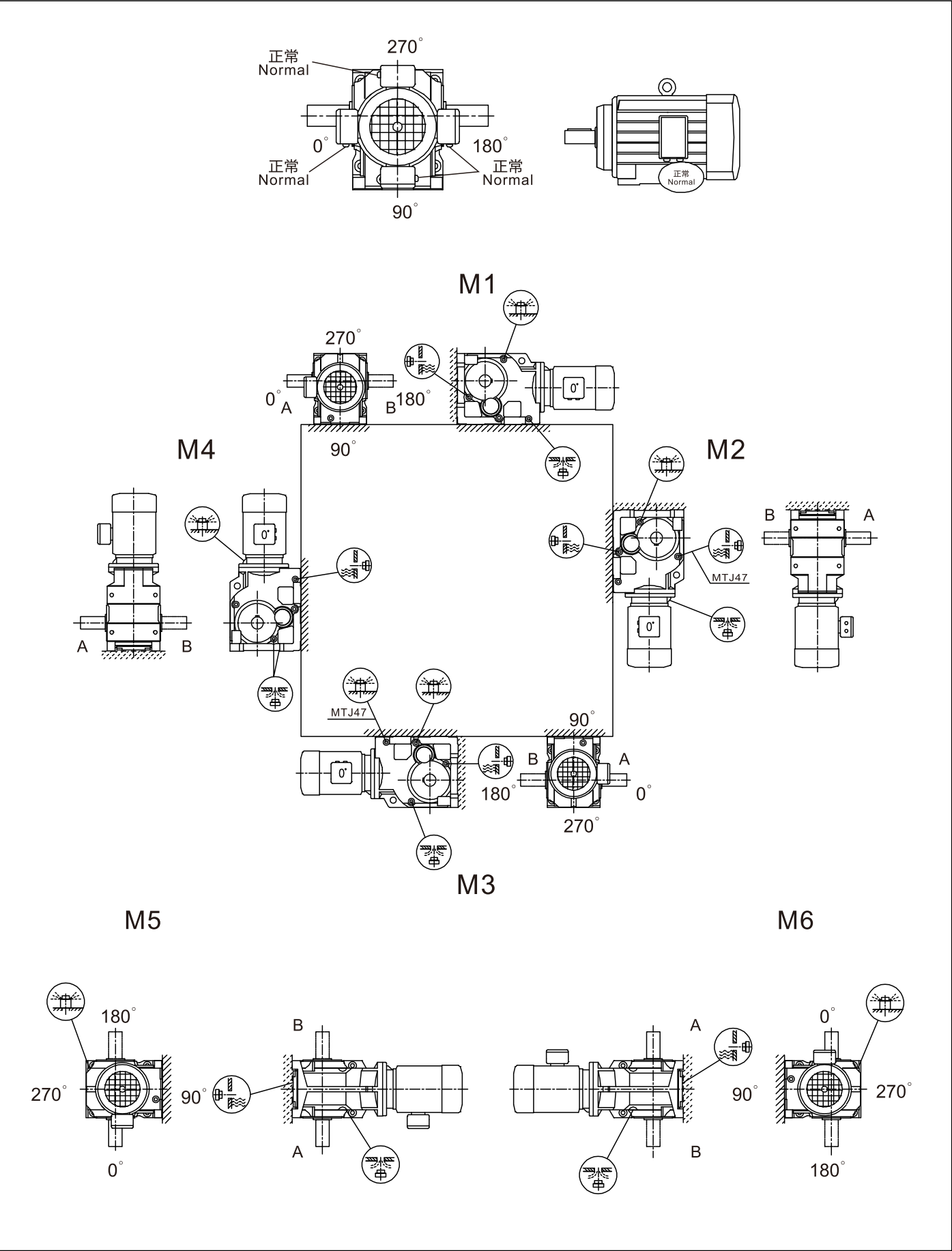
BKF...

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

BKA...、BKAF...、BKAZ...

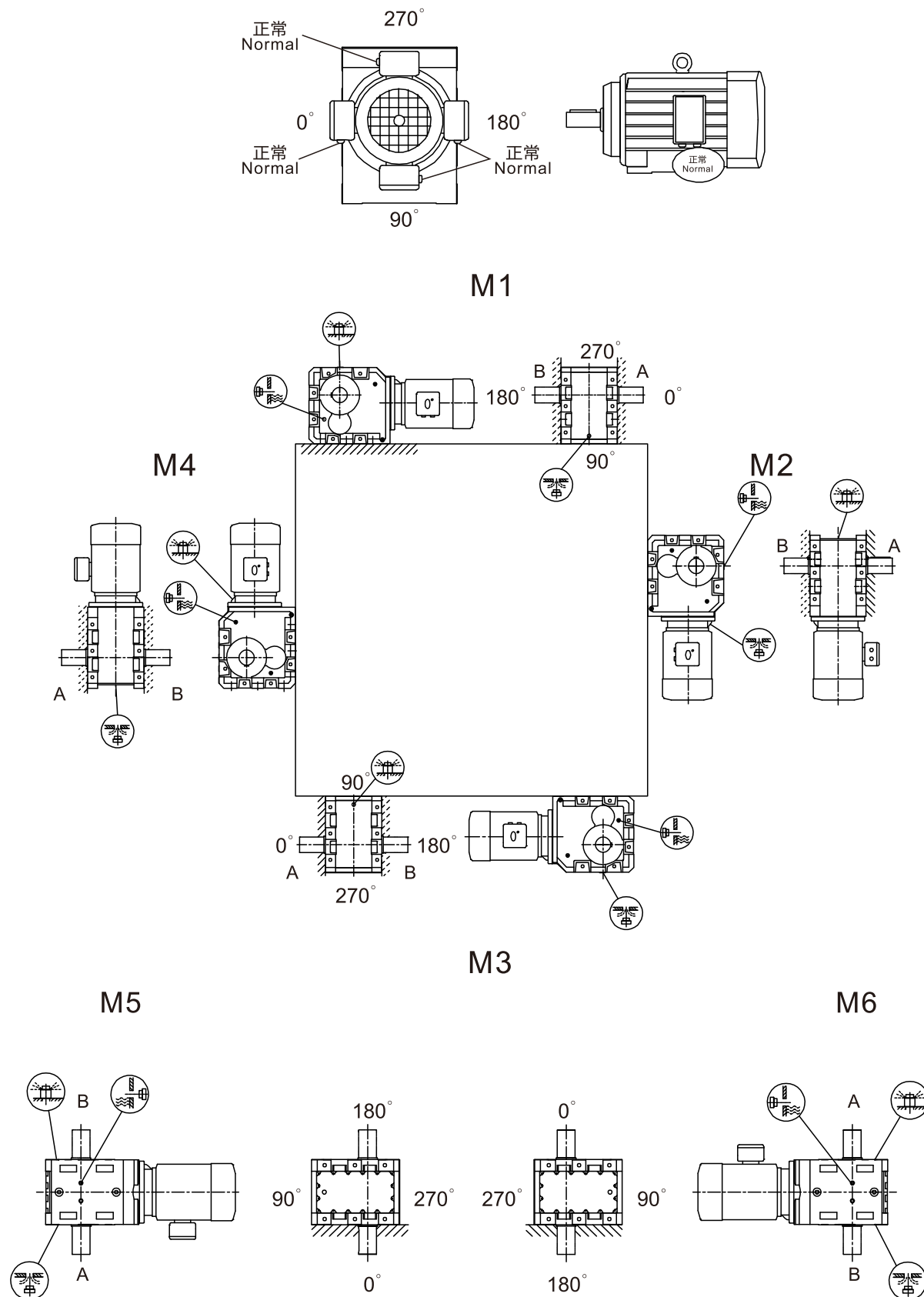
机型号 type	润滑油量（升） Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
BK ...37	0.5	1	1	1.4	1	1
BK ...47	0.8	1.3	1.6	2.1	1.6	1.6
BK ...57	1.3	2.3	2.7	3	2.9	2.7
BK ...67	1.1	2.4	2.7	3.6	2.6	2.6
BK ...77	2.1	4.1	4.6	6	4.4	4.4
BK ...87	3.7	8.2	8.8	11.1	8	8
BK ...97	7	14.7	15.7	20	15.7	15.7
BK...107	10	20.5	24	32	24	24
BK...127	21	41.5	43	52	40	40
BK...157	31	66	67	87	62	62

四、BK/BKAB37-157安装形式图 BK/BKAB37-157 Mounting position example



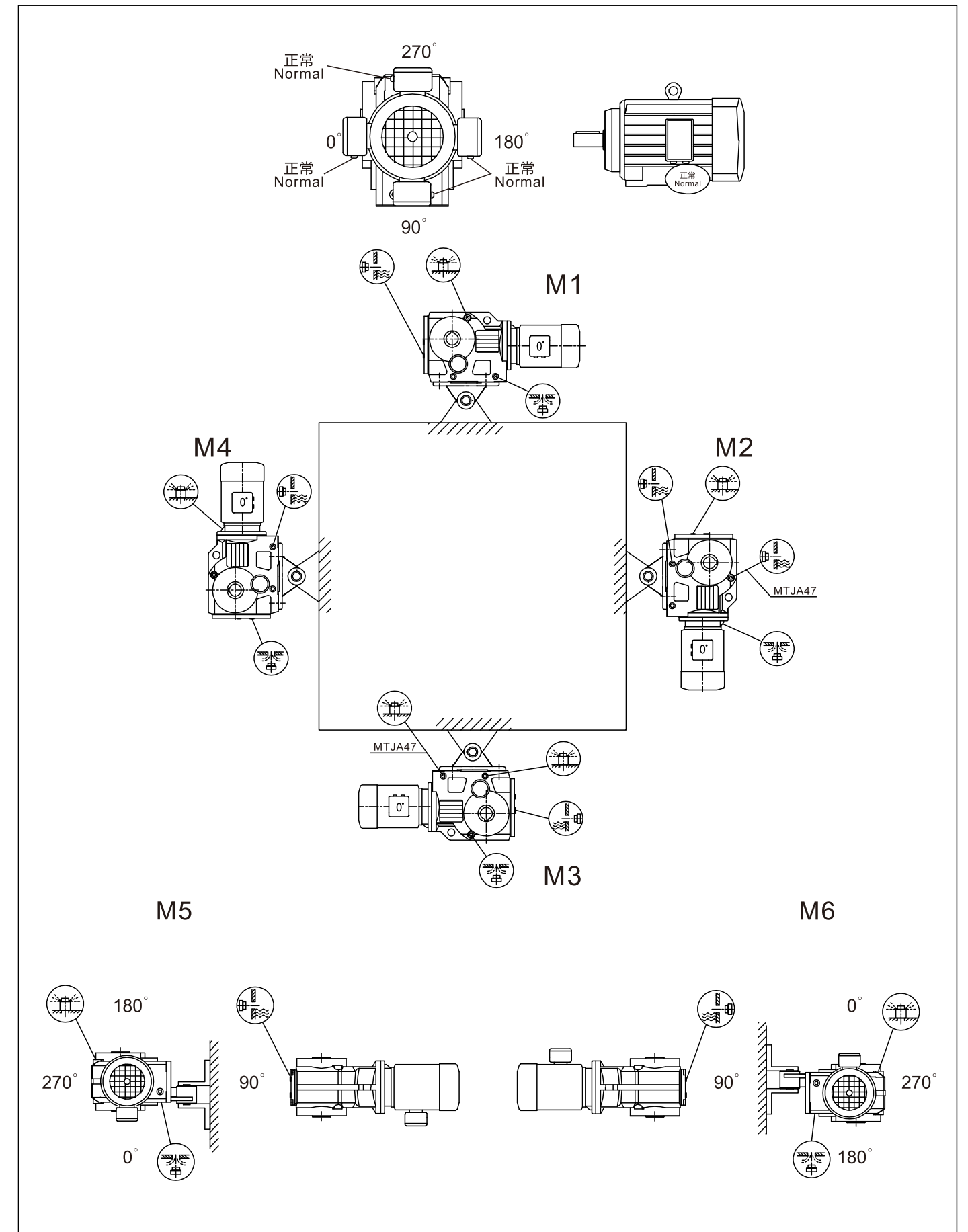


BK/BKA167-187 安装形式图 BK/BKA167-187 Mounting position example



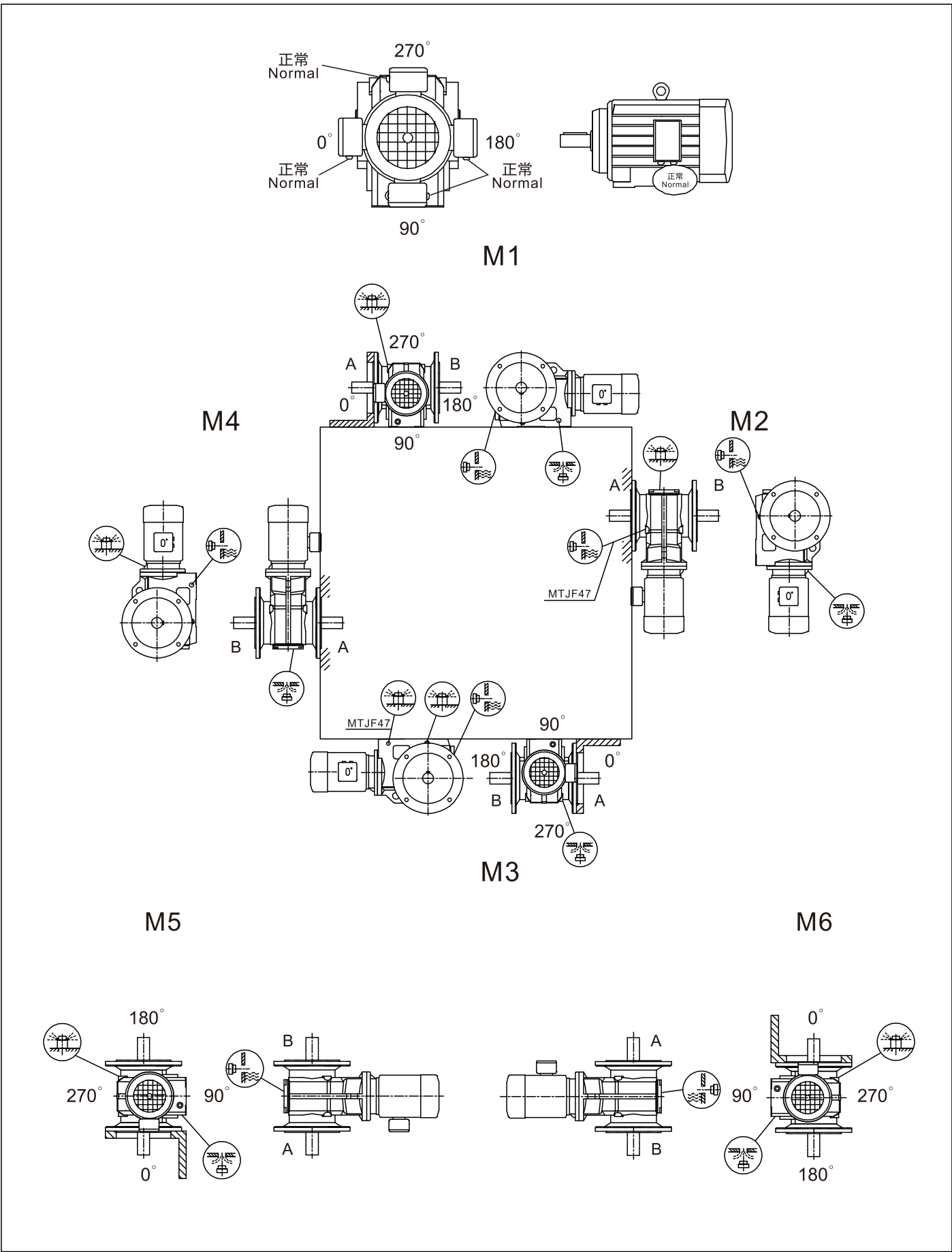


BAK/BKAT37-157安装形式图 BAK/BKAT37-157 Mounting position example





BKF/BKAF/BKAZ37-157 安装形式图 BKF/BKAF/BKAZ37-157 Mounting position example



五、BK系列主机重量表 Main machine weight form of BK series

型号Type	BK37	BK47	BK57	BK67	BK77	BK87	BK97	BK107	BK127	BK157	BK167	BK187
重量(kg) weight(kg)	19	26	29	33.5	62	103	170	275	437	679	1110	1736
型号Type	BKF37	BKF47	BKF57	BKF67	BKF77	BKF87	BKF97	BKF107	BKF127	BKF157		
重量(kg) weight(kg)	21	29	33	39.5	70	113	190	286	478	757		
型号Type	BKA37	BKA47	BKA57	BKA67	BKA77	BKA87	BKA97	BKA107	BKA127	BKA157	BKA167	BKA187
重量(kg) weight(kg)	19	25	26	31.5	55	91	151	247	409	647	1071	1669
型号Type	BKAF37	BKAF47	BKAF57	BKAF67	BKAF77	BKAF87	BKAF97	BKAF107	BKAF127	BKAF157		
重量(kg) weight(kg)	20	28	33	36.5	62	104	175	270	445	703		
型号Type	BKAT37	BKAT47	BKAT57	BKAT67	BKAT77	BKAT87	BKAT97	BKAT107	BKAT127	BKAT157		
重量(kg) weight(kg)	21	28	31	36.5	62	103	169	272	469	747		

六、选型参数表释义 Explanation of Parameter Selection List

		使用系数fb service factor fb						额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55	0.75	
365	3.83				4.42	3.08	2.33	45
310	4.51				4.01	2.80	2.11	48
275	5.09				3.97	2.77	2.09	51
243	5.76				3.46	2.42	1.82	53

		输出扭矩 T (N·M) output torque T (N·M)						输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55	0.75	
365	3.83				9.6	14	18	664
310	4.51				11	16	21	696
275	5.09				13	18	24	712
243	5.76				14	21	27	744

注: 1.名义输出转速统一按照电机转速1400r/min 计算(4极电机)
2.表中标注使用系数的配置均可用于直连,如 电机功率或速比超出使用系数配置范围,则向技术部咨询.
3.如遇到配置相同功率的6级及8级电机,使用系数值 相应按原使用系数的2/3和1/2计算,如:减速机速比3.83, 配 0.37KW-6P电机,则使用系数为 $4.42 \times 2/3 = 2.95$;输出扭矩值相应按原输出扭矩值的1.5和2计算,如:减速机速比 3.83,配0.37KW-6P电机,则输出扭矩为 $9.6 \times 1.5 = 14.4$.

Note: 1.Nominal output speed unified calculated according to the motor speed of 1400 r/min (4 pole motor)
2.Mark using coefficient of configuration in the table can be used to straight league motor, if motor power or speed ratio exceeds the scope using coefficient of configuration,please consult technical department.
3.If the configuration is the same power but level 6 or 8 motor, use coefficient values according to the corresponding coefficient of the original use of 2/3 or 1/2 computation,such as:reducer ratio With 0.37 kw - 6 p motor, uses coefficient is $4.42 \times 2/3 = 2.95$; Corresponding output torque value is calculated based on 1.5 or 2 original output torque value,such as: reducer ratio of 3.83, and 0.37 KW - 6 p motor,the output torque of $9.6 \times 1.5 = 14.4$.

三相异步电机实际转速(参考) Three-phase asynchronous motor actual speed(refer to)			三相异步电机实际转速(参考) Three-phase asynchronous motor actual speed(refer to)		
电机功率(4极) Motor power (4P)	KW	电机转速 Motor speed	电机功率(4极) Motor power (4P)	KW	电机转速 Motor speed
0.12		1310	15		1470
0.18		1310	18.5		1470
0.25		1330	22		1470
0.37		1330	30		1475
0.55		1380	37		1480
0.75		1420	45		1480
1.1		1430	55		1480
1.5		1430	75		1485
2.2		1445	90		1485
3		1445	110		1485
4		1450	132		1485
5.5		1460	160		1485
7.5		1460	200		1485
11		1470			



FECO
TRANSMISSION



BK系列选型参数表: BK37

BK Series Parameter Selection Table: BK37

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	额定输出扭矩 Rated output torque T2N(N · M)
261	5.36				9.83	6.86	5.18	3.55	2.61	1.80	1.32	140
220	6.37			12.69	8.57	5.98	4.52	3.10	2.27	1.57	1.15	145
206	6.80			12.29	8.31	5.80	4.37	3.00	2.20	1.52	1.11	150
176	7.96		14.36	8.05	5.44	3.80	2.86	1.97	1.44	0.99	0.73	115
157	8.91		13.68	10.00	6.76	4.72	3.56	2.44	1.79	1.23	0.91	160
135	10.34		11.79	8.62	5.82	4.06	3.07	2.11	1.54	1.06	0.78	160
114	12.28	14.90	9.93	7.26	4.91	3.42	2.58	1.77	1.30	0.90		160
107	13.11	14.39	9.59	7.01	4.74	3.31	2.50	1.71	1.26	0.87		165
91	15.35	13.03	8.69	6.35	4.29	3.00	2.26	1.55	1.14			175
81	17.19	11.97	7.98	5.83	3.94	2.75	2.08	1.43	1.05			180
68	20.63	10.25	6.83	5.00	3.38	2.36	1.78	1.22	0.90			185
60	23.38	9.53	6.35	4.65	3.14	2.19	1.65	1.14	0.83			195
55	25.39	9.01	6.00	4.39	2.97	2.07	1.56	1.07				200
47	30.02	7.61	5.08	3.71	2.51	1.75	1.32	0.91				200
39	35.64	6.41	4.28	3.13	2.11	1.47	1.11					200
37	38.05	6.01	4.01	2.93	1.98	1.38	1.04					200
31	44.55	5.13	3.42	2.50	1.69	1.18	0.89					200
28	49.90	4.58	3.05	2.23	1.51	1.05						200
24	58.73	3.89	2.60	1.90	1.28	0.89						200
21	67.94	3.37	2.24	1.64	1.11							200
19	72.69	3.15	2.10	1.53	1.04							200
17	83.86	2.73	1.82	1.33	0.90							200
14	98.15	2.33	1.55	1.14	0.77							200
13	106.31	2.15	1.43	1.05								200

BK系列选型参数表: BK47

BK Series Parameter Selection Table: BK47

输出扭矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	输出轴径向力 Radial Force of output shaft Fr2(N)
241	5.81										2.00	230
213	6.58										1.84	240
190	7.36										1.71	250
164	8.56										1.59	270
154	9.10									2.12	1.55	280
133	10.56									1.82	1.34	280
119	11.77							3.16	2.38	1.64	1.20	280
115	12.19								2.87	1.97	1.45	350
103	13.65								2.63	1.81	1.33	360
88	15.86								2.39	1.65	1.21	380
83	16.86								2.25	1.55	1.14	380
72	19.58							2.78	2.04	1.41	1.03	400
64	21.81							2.50	1.83	1.26		400
53	26.18							2.08	1.53	1.05		400
48	28.88							1.89	1.38			400
45	31.27						2.54	1.74	1.28			400
40	35.39						2.24	1.54	1.13			400
35	39.61						2.00	1.37	1.01			400
30	46.04					2.28	1.72	1.18				400
29	48.95					2.15	1.62	1.11				400
25	56.83					1.85	1.40	0.96				400
22	63.30				2.38	1.66	1.25					400
20	69.84				2.16	1.50	1.14					400
19	75.20				2.00	1.40	1.05					400
16	85.12		3.58	2.62	1.77	1.23						400
15	90.86		3.35	2.45	1.66	1.16						400
13	104.37		2.92	2.14	1.44	1.01						400
12	118.21	3.87	2.58	1.89	1.27							400
11	127.29	3.59	2.39	1.75	1.18							400

输出扭矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	输出轴径向力 Radial Force of output shaft Fr2(N)
261	5.36				13	19	25	37	50	73	100	1810
220	6.37			11	16	23	30	44	60	87	119	1899
206	6.80			11	17	24	32	47	64	93	127	1899
176	7.96		10	13	20	28	38	55	75	109	148	1899
157	8.91		11	15	22	32	42	62	84	122	166	2070
135	10.34		13	17	26	37	49	71	97	141	193	2250
114	12.28	10	15	21	31	44	58	85	116	168		2340
107	13.11	11	16	22	33	47	62	91	123	179		2430
91	15.35	13	19	26	38	55	73	106	145			2430
81	17.19	14	21	29	43	61	81	119	162			2610
68	20.63	17	25	35	52	74	98	142	194			2880
60	23.38	19	29	39	58	84	111	161	220			2997
55	25.39	21	31	43	63	91	120	175				3150
47	30.02	25	37	51	75	107	142	207				3285
39	35.64	29	44	60	89	128	169					3375
37	38.05	31	47	64	95	136	180					3375
31	44.55	37	55	75	111	159	211					4194
28	49.90	41	62	84	125	179						4410
24	58.73	48	72	99	147	210						4662
21	67.94	56	84	115	170							4968
19	72.69	60	90	123	182							5076
17	83.86	69	103	142	209							5076
14	98.15	81	121	166	245							5076
13	106.31	87	131	179								5076

输出扭矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	输出轴径向力 Radial Force of output shaft Fr2(N)
241	5.81										108	3150
213	6.58										123	3150
190	7.36										137	3150
164	8.56										159	3150
154	9.10									124	170	3240
133	10.56									144	197	3510
119	11.77							81	111	161	219	3348
115	12.19								115	167	227	3348
103	13.65								129	187	254	3510
88	15.86								149	217	296	3807
83	16.86								159	230	314	3807
72	19.58							135	184	268	365	3960
64	21.81							151	205	298		4239
53	26.18							181	246	358		4770
48	28.88							199	272			5040
45	31.27						148	216	294			5328
40	35.39						168	244	333			5328
35	39.61						188	274	373			5328
30	46.04					165	218	318				5328
29	48.95					175	232	338				5328
25	56.83					203	269	392				5328
22	63.30				158	226	300					5328
20	69.84				174	250	331					5328
19	75.20				188	269	357					5328
16	85.12		105	144	213	305						5328



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BK系列选型参数表: BK47 BK Series Parameter Selection Table: BK47

		输出扭矩 T (N·M) output torque T (N·M)										输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	
15	90.86		112	153	227	325						5328
13	104.37		129	176	261	373						5328
12	118.21	97	146	199	295							5328
11	127.29	105	157	215	318							5328

BK系列选型参数表: BK57 BK Series Parameter Selection Table: BK57

使用系数fb service factor fb													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	额定输出扭矩 Rated output torque T2N(N · M)
214	6.55										2.66	2.00	345
188	7.45										2.47	1.86	365
156	8.97										2.19	1.65	390
146	9.56										2.14	1.61	405
125	11.23							5.03		2.54	1.86	1.40	415
118	11.90							4.75		2.40	1.76	1.32	415
104	13.41							5.18		2.62	1.92	1.44	510
91	15.40							4.73		2.39	1.75	1.32	535
79	17.80							4.24		2.14	1.57	1.18	555
72	19.57							4.00	2.93	2.02	1.48	1.12	575
61	23.00							3.55	2.60	1.79	1.32	0.99	600
57	24.35							3.35	2.46	1.69	1.24	0.94	600
51	27.60							2.96	2.17	1.50	1.10		600
46	30.67							2.66	1.95	1.35	0.99		600
39	36.07							2.26	1.66	1.14			600
36	38.66							2.11	1.55	1.07			600
31	44.50						2.67	1.84	1.35	0.93			600
28	49.78						2.39	1.64	1.20				600
25	56.32					2.80	2.11	1.45	1.06				600
23	61.87					2.55	1.92	1.32	0.97				600
20	69.50				3.25	2.27	1.71	1.18					600
18	75.74		6.04	4.41	2.98	2.08	1.57	1.08					600
15	91.90	7.46	4.98	3.64	2.46	1.72	1.29						600
14	103.09	6.65	4.44	3.24	2.19	1.53	1.15						600
13	107.25	6.40	4.26	3.12	2.11	1.47	1.11						600
12	121.36	5.65	3.77	2.75	1.86	1.30	0.98						600
9.4	149.14	4.60	3.07	2.24	1.51								600

输 出 扭 矩 T (N·M) output torque T (N·M)													
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	输出轴径向力 Radial Force of output shaft Fr2(N)
214	6.55										122	162	3770
188	7.45										139	184	3925
156	8.97										167	222	4070
146	9.56										178	237	4185
125	11.23							78		153	209	278	4490
118	11.90							82		163	222	295	4635
104	13.41							93		183	250	332	4670
91	15.40							106		210	287	381	4887
79	17.80							123		243	332	441	5166
72	19.57							135	184	267	365	485	5320
61	23.00							159	217	314	429	570	5652
57	24.35							168	229	333	454	603	5832
51	27.60							191	260	377	514		6237
46	30.67							212	289	419	572		6586
39	36.07							249	340	493			6867
36	38.66							267	364	528			6867

BK系列选型参数表: BK57 BK Series Parameter Selection Table: BK57

		输 出 扭 矩 T (N·M) output torque T (N·M)											
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	输出轴径向力 Radial Force of output shaft Fr2(N)
31	44.50						211	307	419	608			6867
28	49.78						236	344	469				6867
25	56.32					202	267	389	530				6867
23	61.87					221	293	427	583				6867
20	69.50				174	249	330	480					6867
18	75.74		93	128	189	271	359	523					6867
15	91.90	76	113	155	230	329	436	635					6867
14	103.09	85	127	174	257	369	489						6867
13	107.25	88	132	181	268	384	509						6867
12	121.36	100	150	205	303	434	575						6867
9.4	149.14	123	184	252	372								6867

BK系列选型参数表: BK67 BK Series Parameter Selection Table: BK67

		使用系数fb service factor fb													
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比 i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	额定输出扭矩 Rated output torque T2N(N · M)	
177	7.91								3.65		2.01	1.48	1.08	420	
165	8.47								3.57		1.97	1.44	1.06	440	
144	9.74								3.39	2.49	1.87	1.37	1.01	480	
134	10.45								3.29	2.41	1.82	1.33	0.98	500	
113	12.37								2.95	2.16	1.63	1.19	0.87	530	
108	13.00								3.54	2.60	1.96	1.43	1.05	670	
91	15.33								3.14	2.30	1.73	1.27	0.93	700	
79	17.62								2.89	2.12	1.59	1.17	0.86	740	
74	18.92								2.76	2.03	1.52	1.12	0.82	760	
63	22.38								2.40	1.76	1.32	0.97	0.71	780	
60	23.53							3.39	2.34	1.71	1.29	0.95	0.69	800	
50	27.84							2.94	2.03	1.49				820	
47	29.52							2.77	1.91	1.40				820	
39	35.78							2.29	1.58	1.16				820	
36	38.37						2.91	2.13	1.47	1.08				820	
32	44.30						2.52	1.85	1.27	0.93				820	
29	48.74						2.29	1.68	1.16					820	
24	57.24					2.84	1.95	1.43	0.99					820	
23	60.62					2.68	1.84	1.35	0.93					820	
20	68.91					2.36	1.62	1.19						820	
18	76.33			4.04	2.82	2.13	1.46	1.07						820	
16	88.32			3.49	2.44	1.84	1.26	0.93						820	
13	104.13		4.39	2.96	2.07	1.56	1.07							820	
13	110.40	5.66	4.14	2.80	1.95	1.47	1.01							820	
11	123.47	5.06	3.70	2.50	1.74	1.32								820	
9.8	142.87	4.37	3.20	2.16										820	

		输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	输出轴径向力 Radial Force of output shaft Fr2(N)
	传动比 i ratio i													
177	7.91								108		196	268	365	9990
165	8.47								116		210	287	391	9990
144	9.74								133	181	241	329	449	10350
134	10.45								143	195	259	353	482	10620
113	12.37								169	230	306	418	570	11070
108	13.00								178	242	322	440	599	10260
91	15.33								210	286	380	519	707	10260
79	17.62								241	328	436	596	812	9720
74	18.92								259	353	468	640	872	9720
63	22.38								306	417	554	757	1032	9360



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BK系列选型参数表: BK67 BK Series Parameter Selection Table: BK67

输 出 扭 矩 T (N·M) output torque T (N·M)														
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	输出轴径向力 Radial Force of output shaft Fr2(N)
60	23.53							222	322	438	583	796	1085	9360
50	27.84							262	380	519	689			9270
47	29.52							278	404	550	731			9270
39	35.78							337	489	667				9270
36	38.37						265	361	524	715				9270
32	44.30						306	417	605	826				9270
29	48.74						337	459	666					9270
24	57.24					271	395	539	782					9270
23	60.62					287	419	571	829					9270
20	68.91					327	476	649						9270
18	76.33			191	273	362	527	719						9270
16	88.32			221	316	419	610	832						9270
13	104.13		176	260	373	494	719							9270
13	110.40	136	186	276	395	523	762							9270
11	123.47	152	208	308	442	585								9270
9.8	142.87	176	241	357										9270

BK系列选型参数表: BK77 BK Series Parameter Selection Table: BK77

使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	额定输出扭矩 Rated output torque T2N(N · M)
185	7.55											2.21	1.52	820
174	8.06											2.25	1.55	890
148	9.44											1.92	1.32	890
131	10.65										2.45	1.80	1.24	940
116	12.07										2.28	1.67	1.15	990
102	13.76												1.02	1000
88	15.98										2.33	1.71	1.17	1340
82	17.06										2.28	1.67	1.15	1400
70	19.98							4.99	3.66	2.75	2.02	1.48	1.02	1450
62	22.54							4.42	3.24	2.44	1.79	1.31	0.90	1450
55	25.54							4.04	0.00	2.23	1.63	1.20		1550
48	29.11							3.66	0.00	2.02	1.48	1.09		1550
43	32.87							3.24	2.38	1.79	1.31	0.96		1550
40	35.07							3.04	2.23	1.68	1.23			1550
34	41.08					5.14	3.77	2.60	1.90	1.43	1.05			1550
30	46.34					4.55	3.34	2.30	1.69	1.27	0.93			1550
27	52.52					4.02	2.95	2.03	1.49	1.12				1550
23	59.86					3.52	2.58	1.78	1.31	0.98				1550
21	66.45					3.18	2.33	1.60	1.18	0.89				1550
18	75.92					2.78	2.04	1.40	1.03					1550
17	80.11					2.63	1.93	1.33	0.98					1550
15	91.29					2.31	1.69	1.17	0.86					1550
14	99.59			4.09	3.09	2.12	1.55	1.07						1550
13	110.17			3.70	2.79	1.92	1.40	0.97						1550
11	128.91			3.16	2.38	1.64	1.20							1550
10	137.65			2.96	2.23	1.53	1.12							1550
8.9	158.05		3.69	2.58	1.94									1550
8.0	174.80		3.12											1450
7.4	189.19		2.88											1450

输 出 扭 矩 T (N·M)														output torque T (N·M)			
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW)	传动比 ratio i	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	输出轴径向力 Radial Force of output shaft Fr2(N)			
185	7.55											348	507	11135			
174	8.06											372	541	11135			
148	9.44											435	634	12510			
131	10.65										360	491	715	12960			

BK系列选型参数表: BK77 BK Series Parameter Selection Table: BK77

输 出 扭 矩 T (N·M) output torque T (N·M)													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	输出轴径向力 Radial Force of output shaft Fr2(N)
116	12.07									408	556	811	13590
102	13.76									465	634	924	13500
88	15.98									540	737	1073	14490
82	17.06									577	787	1146	14490
70	19.98						273	372	495	676	921	1342	13860
62	22.54						308	420	558	762	1039	1514	13860
55	25.54						349		632	864	1178		13860
48	29.11						398		721	984	1342		13860
43	32.87						449	613	814	1112	1516		13860
40	35.07						479	654	868	1186			13860
34	41.08				284	387	561	766	1017	1389			13860
30	46.34				320	436	633	864	1148	1567			13860
27	52.52				363	495	718	979	1301				13860
23	59.86				413	564	818	1116	1482				13860
21	66.45				459	626	908	1238	1646				13860
18	75.92				524	715	1038	1415					13860
17	80.11				553	754	1095	1493					13860
15	91.29				630	860	1248	1701					13860
14	99.59		356	472	688	938	1361						13860
13	110.17		394	522	761	1037	1506						13860
11	128.91		461	611	890	1214							13860
10	137.65		492	653	951	1296							13860
8.9	158.05	395	565	749									13860
8.0	174.80	437											13860
7.4	189.19	472											13860

BK系列选型参数表: BK87 BK Series Parameter Selection Table: BK87

使用系数fb service factor fb															名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	传动比i ratio i	额定输出扭矩 Rated output torque T2N(N · M)
0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22							
194	7.22								2.52	1.85	1.50	1.26	1300					
169	8.31								2.36	1.73	1.40	1.18	1400					
140	10.01								2.10	1.54	1.25	1.05	1500					
125	11.18								1.88	1.38	1.12	0.94	1500					
112	12.51								2.24	1.64	1.33	1.12	2000					
97	14.39							2.98	2.04	1.50	1.21	1.02	2100					
87	16.03							2.29	1.57	1.15	0.93	0.79	1800					
81	17.34							2.59	1.78	1.30	1.06	0.89	2200					
72	19.37							2.42	1.66	1.22	0.99	0.83	2300					
63	22.31						2.87	2.10	1.44	1.06	0.86		2300					
56	24.82						2.80	2.05	1.41	1.03	0.84		2500					
50	27.76						2.60	1.91	1.31	0.96			2600					
44	31.76						2.36	1.73	1.19	0.87			2700					
38	36.52				3.45	2.60	1.90	1.40	0.96				2500					
32	44.02				2.98	2.24	1.64	1.20	0.83				2600					
28	49.16				2.77	2.08	1.53	1.12					2700					
25	56.64				2.40	1.81	1.33	0.97					2700					
22	63.00			2.95	2.16	1.63	1.19	0.87					2700					
20	70.46			2.64	1.93	1.45	1.07						2700					
18	79.34			2.34	1.72	1.29	0.95						2700					
16	88.28		3.05	2.10	1.54	1.16	0.85						2700					
14	102.71			1.81	1.33	1.00							2700					
12	115.82			2.33	1.60	1.18	0.88						2700					
11	126.91		2.90	2.12	1.46	1.07							2700					
9.3	149.98	3.57	2.45	1.80	1.24	0.91							2700					
8.5	165.37	3.24	2.22	1.63									2700					
8.0	174.11	3.07	2.11	1.55									2700					
7.1	197.37	2.71											2700					



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BK系列选型参数表: BK87 BK Series Parameter Selection Table: BK87

		输出扭矩 T (N·M) output torque T (N·M)												输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	
194	7.22									485	662	816	971	12150
169	8.31									558	761	939	1116	12150
140	10.01									673	917	1131	1345	13410
125	11.18									751	1024	1263	1502	13320
112	12.51									840	1146	1413	1681	13770
97	14.39								663	966	1318	1625	1933	13770
87	16.03								739	1077	1468	1811	2153	14670
81	17.34								800	1165	1588	1959	2330	14670
72	19.37								893	1301	1774	2188	2602	15120
63	22.31							755	1029	1499	2044	2521		16200
56	24.82							839	1144	1667	2273	2804		16650
50	27.76							939	1280	1865	2543			17280
44	31.76							1074	1464	2133	2909			19260
38	36.52					681	904	1235	1684	2453				19260
32	44.02					820	1090	1489	2030	2957				20520
28	49.16					916	1217	1663	2267					22500
25	56.64					1056	1403	1915	2612					23580
22	63.00				861	1174	1560	2130	2905					24570
20	70.46				963	1313	1745	2383						24570
18	79.34				1084	1479	1965	2683						24570
16	88.28			831	1207	1645	2186	2985						24570
14	102.71				1404	1914	2544							24570
12	115.82			1091	1583	2159	2868							24570
11	126.91		876	1195	1734	2365								24570
9.3	149.98	711	1036	1412	2050	2795								24570
8.5	165.37	784	1142	1557										24570
8.0	174.11	826	1202	1640										24570
7.1	197.37	936												24570

BK系列选型参数表: BK97 BK Series Parameter Selection Table: BK97

		使用系数fb service factor fb												额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	
161	8.71											2.14	1.57	2660
134	10.41											1.93	1.42	2870
117	11.99										2.70	2.27	1.67	3890
101	13.85										2.58	2.17	1.60	4300
85	16.56									2.66	2.16	1.82	1.34	4300
74	18.96									2.33	1.89	1.59	1.17	4300
63	22.37								2.69	1.97	1.60	1.34	0.99	4300
57	24.74								2.43	1.78	1.45	1.22	0.89	4300
50	27.90								2.16	1.58	1.28	1.08		4300
45	30.81								1.95	1.43	1.16	0.98		4300
41	34.22							2.56	1.76	1.29	1.05			4300
36	39.23							2.23	1.53	1.12	0.91			4300
33	41.87							2.09	1.44	1.05	0.85			4300
29	47.93						2.49	1.83	1.26	0.92				4300
25	56.55				3.83		2.11	1.55	1.06					4300
22	62.55				3.47		1.91	1.40	0.96					4300
20	70.54				3.07	2.31	1.69	1.24	0.85					4300
18	77.89				2.78	2.10	1.53	1.13						4300
16	86.52				2.51	1.89	1.38	1.01						4300
14	96.80			3.06	2.24	1.69	1.23	0.91						4300
14	102.26			2.89	2.12	1.60	1.17							4300
11	124.25		3.45	2.38	1.75	1.31	0.96							4300
10	140.28	4.17	3.06	2.11	1.55	1.16								4300
9.1	153.21	3.82	2.80	1.93	1.42	1.07								4300
8.1	173.13	3.38	2.48	1.71	1.25									4300

BK系列选型参数表: BK97 BK Series Parameter Selection Table: BK97

		输出扭矩 T (N·M) output torque T (N·M)												输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	
161	8.71											1170	1590	14220
134	10.41											1399	1901	14580
117	11.99										1355	1611	2189	14470
101	13.85										1565	1861	2529	15300
85	16.56									1517	1871	2225	3024	16020
74	18.96									1737	2142	2547	3462	17190
63	22.37								1503	2049	2527	3005	4084	19800
57	24.74								1662	2266	2795	3324	4517	19800
50	27.90								1874	2556	3152	3748		22050
45	30.81								2070	2822	3481	4139		23130
41	34.22							1578	2299	3135	3866			23130
36	39.23							1809	2635	3594	4432			23130
33	41.87							1931	2812	3835	4730			25470
29	47.93						1621	2210	3220	4391				27900
25	56.55				1054		1912	2608	3799					30420
22	62.55				1166		2115	2884	4202					32040
20	70.54				1315	1747	2385	3253	4738					33390
18	77.89				1452	1929	2634	3592						34920
16	86.52				1613	2143	2926	3990						36000
14	96.80			1323	1804	2397	3274	4464						36000
14	102.26			1398	1906	2532	3458							36000
11	124.25		1170	1698	2316	3077	4202							36000
10	140.28	969	1321	1917	2614	3474								36000
9.1	153.21	1058	1443	2094	2855	3794								36000
8.1	173.13	1196	1630	2366	3227									36000

BK系列选型参数表: BK107 BK Series Parameter Selection Table: BK107

使用系数fb service factor fb													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	3	4	5.5	7.5	11	15	18.5	22	30	37	45	额定输出扭矩 Rated output torque T2N(N · M)
161	8.68									2.42	1.97	1.62	4070
141	9.93								2.95	2.17	1.77	1.45	4190
120	11.70								2.57	1.89	1.54	1.27	4300
104	13.41								2.24	1.65	1.34	1.10	4300
96	14.59								3.30	2.43	1.98	1.63	6890
84	16.70							3.51	2.95	2.17	1.77	1.45	7050
71	19.68							3.04	2.56	1.88	1.53	1.26	7200
62	22.55							2.66	2.23	1.64	1.34	1.10	7200
53	26.24							2.28	1.92	1.41	1.15	0.95	7200
48	28.91					3.48	2.56	2.07	1.74	1.28	1.04	0.86	7200
45	31.26					3.04	2.23	1.81	1.52	1.12	0.91		6800
43	32.58					3.09	2.27	1.84	1.55	1.14	0.93		7200
38	36.97				3.97	2.73	2.00	1.62	1.36	1.00	0.82		7200
33	42.29				3.55	2.44	1.79	1.45	1.22	0.90			7360
28	49.86				3.20	2.20	1.61	1.31	1.10				7840
25	57.13				2.85	1.96	1.44	1.17	0.98				8000
21	66.46				2.45	1.68	1.24	1.00					8000
19	73.24		4.15		2.23	1.53	1.12	0.91					8000
17	82.55		3.68	2.69	1.98	1.36	0.99						8000
15	90.88		3.34	2.45	1.79	1.23	0.90						8000
14	100.67		3.02	2.21	1.62	1.11							8000
12	113.18		2.68	1.96	1.44	0.99							8000
12	119.21	3.38	2.55	1.87	1.37								8000
9.7	143.72	2.81	2.11	1.55	1.13								8000



BK系列选型参数表: BK107 BK Series Parameter Selection Table: BK107

输 出 扭 矩 T (N·M) output torque T (N·M)													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	3	4	5.5	7.5	11	15	18.5	22	30	37	45	输出轴径向力 Radial Force of output shaft Fr2(N)
161	8.68									1584	1947	2368	22140
141	9.93								1333	1812	2228	2709	23220
120	11.70								1572	2137	2626	3194	25200
104	13.41								1801	2448	3009	3659	19710
96	14.59								1960	2664	3275	3983	19710
84	16.70							1886	2243	3048	3747	4557	21240
71	19.68							2224	2644	3594	4417	5372	26010
62	22.55							2548	3030	4117	5061	6155	28800
53	26.24							2964	3525	4790	5888	7161	29700
48	28.91					1942	2648	3266	3884	5279	6488	7891	31500
45	31.26					2100	2863	3531	4199	5707	7015		33300
43	32.58					2189	2985	3681	4378	5949	7313		33300
38	36.97				1705	2483	3386	4176	4966	6749	8296		33300
33	42.29				1950	2841	3874	4778	5682	7722			36450
28	49.86				2299	3350	4568	5633	6699				39960
25	57.13				2634	3837	5233	6454	7675				41220
21	66.46				3065	4465	6088	7509					43200
19	73.24		1814		3377	4920	6709	8274					45450
17	82.55		2044	2792	3807	5545	7562						47700
15	90.88		2251	3073	4191	6105	8325						51300
14	100.67		2493	3404	4642	6762							51300
12	113.18		2803	3827	5219	7603							51300
12	119.21	2222	2952	4031	5497								51300
9.7	143.72	2679	3559	4860	6628								51300

BK系列选型参数表: BK127 BK Series Parameter Selection Table: BK127

使用系数fb service factor fb													
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比 i ratio i	7.5	11	15	18.5	22	30	37	45	55	75	90	额定输出扭矩 Rated output torque T2N(N · M)
158	8.86							3.42	2.81	2.30	1.69	1.41	7230
128	10.97							3.05	2.51	2.05	1.51	1.26	8000
107	13.06							2.74	2.25	1.84	1.35	1.13	8530
98	14.34							3.53	2.91	2.38	1.75	1.46	12100
79	17.76							3.07	2.52	2.06	1.52	1.26	13000
66	21.13					4.30		2.58	2.12	1.73	1.28	1.06	13000
59	23.89					3.81	2.80	2.28	1.87	1.53	1.13	0.94	13000
51	27.66				3.91	3.29	2.42	1.97	1.62	1.32	0.97	0.81	13000
45	31.35				3.45	2.90	2.13	1.74	1.43	1.17	0.86	0.72	13000
39	36.22				2.99	2.51	1.85	1.50	1.24	1.01			13000
35	40.19				2.69	2.26	1.67	1.35	1.11	0.91			13000
29	47.82			2.79	2.26	1.90	1.40	1.14	0.94				13000
26	54.06			2.47	2.00	1.68	1.24	1.01					13000
22	62.60			2.13	1.73	1.45	1.07	0.87					13000
20	70.94	3.74	2.56	1.88	1.52	1.28	0.94						13000
17	81.97	3.23	2.22	1.63	1.32	1.11							13000
16	89.88	2.95	2.02	1.48	1.20	1.01							13000
13	110.17	2.41	1.65	1.21	0.98								13000
11	122.47	2.16	1.49	1.09									13000
10	136.47	1.94	1.33	0.98									13000
9.7	143.73	1.84											13000

BK系列选型参数表: BK127 BK Series Parameter Selection Table: BK127

输 出 扭 矩 T (N·M) output torque T (N·M)													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	7.5	11	15	18.5	22	30	37	45	55	75	90	输出轴径向力 Radial Force of output shaft Fr2(N)
158	8.86							1988	2418	2956	4017	4820	29700
128	10.97							2462	2994	3660	4974	5968	30510
107	13.06							2931	3565	4357	5921	7105	28620
98	14.34							3219	3915	4785	6503	7803	12100
79	17.76							3985	4847	5924	8051	9661	31500
66	21.13					2839		4742	5768	7049	9580	11496	34200
59	23.89					3210	4362	5361	6521	7970	10831	12997	36900
51	27.66				3125	3716	5051	6208	7550	9228	12541	15050	38700
45	31.35				3542	4212	5724	7036	8557	10458	14213	17056	44460
39	36.22				4092	4867	6614	8129	9887	12084			44460
35	40.19				4540	5399	7337	9019	10969	13406			48600
29	47.82			4380	5402	6424	8730	10731	13051				52200
26	54.06			4952	6108	7263	9870	12132					53910
22	62.60			5734	7072	8410	11429	14048					60930
20	70.94	3271	4766	6498	8015	9531	12953						63000
17	81.97	3780	5506	7509	9261	11013							66150
16	89.88	4145	6038	8233	10154	12076							71280
13	110.17	5080	7401	10092	12446								71280
11	122.47	5648	8227	11219									71280
10	136.47	6293	9167	12501									71280
9.7	143.73	6628											71280

BK系列选型参数表: BK157 BK Series Parameter Selection Table: BK157

使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	11	15	18.5	22	30	37	45	55	75	90	110	132	额定输出扭矩 Rated output torque T2N(N · M)
111	12.66								3.78	2.78	2.32	1.90	1.58	17000
94	14.93								3.40	2.50	2.08	1.70	1.42	18000
76	18.38							3.37	2.76	2.03	1.69	1.38	1.15	18000
66	21.32							2.91	2.38	1.75	1.46	1.19	0.99	18000
56	24.88							2.49	2.04	1.50	1.25	1.02	0.85	18000
51	27.64							2.24	1.84	1.35	1.13			18000
45	31.32					2.96	2.41	1.98	1.62	1.19	0.99			18000
37	38.00			3.94	3.31	2.44	1.98	1.63	1.33	0.98	0.82			18000
30	46.78			3.20	2.69	1.98	1.61	1.33	1.08					18000
26	54.27			2.76	2.32	1.71	1.39	1.14	0.93					18000
23	60.99			2.46	2.06	1.52	1.24	1.02	0.83					18000
20	70.35			2.13	1.79	1.32	1.07	0.88						18000
18	79.72		2.32	1.88	1.58	1.16	0.95							18000
15	91.62	2.75	2.02	1.63	1.37	1.01	0.82							18000
14	100.18	2.51	1.84	1.49	1.26	0.92								18000
11	122.35	2.06	1.51	1.22	1.03									18000
9.2	152.52	1.65	1.21											18000

输 出 扭 矩 T (N·M) output torque T (N·M)														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	11	15	18.5	22	30	37	45	55	75	90	110	132	输出轴径向力 Radial Force of output shaft Fr2(N)
111	12.66								4224	5741	6889	8420	10104	32600
94	14.93								4981	6769	8123	9928	11914	32600
76	18.38							5016	6130	8331	9998	12219	14663	38800
66	21.32							5819	7112	9666	11599	14176	17012	42300
56	24.88							6792	8301	11282	13539	16547	19856	48600
51	27.64							7544	9220	12531	15037			48600
45	31.32					5718	7029	8549	10448	14200	17040			54000
37	38.00			4294	5106	6939	8529	10373	12679	17231	20677			54000
30	46.78			5284	6284	8540	10498	12767	15604					65250



BK系列选型参数表: BK157 BK Series Parameter Selection Table: BK157

输出扭矩 T (N·M) output torque T (N·M)														输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	11	15	18.5	22	30	37	45	55	75	90	110	132	
26	54.27			6131	7291	9908	12179	14812	18104					67410
23	60.99			6891	8195	11136	13689	16648	20348					71100
20	70.35			7948	9452	12845	15789	19203						79200
18	79.72		7303	9007	10711	14556	17892							82710
15	91.62	6154	8392	10351	12309	16728	20562							88200
14	100.18	6730	9177	11318	13460	18292								88200
11	122.35	8219	11207	13822	16437									88200
9.2	152.52	10246	13971											88200

BK系列选型参数表: BK167 BK Series Parameter Selection Table: BK167

使用系数fb service factor fb														额定输出扭矩 Rated output torque T2N(N· M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	15	18.5	22	30	37	45	55	75	90	110	132	160	
81	17.34									3.19	2.61	2.17	1.79	32000
69	20.32									2.72	2.23	1.86	1.53	32000
57	24.52								2.71	2.25	1.84	1.54	1.27	32000
49	28.77								2.31	1.92	1.57	1.31	1.08	32000
43	32.25								2.06	1.71	1.40	1.17	0.96	32000
38	36.61							2.46	1.81	1.51	1.24	1.03	0.85	32000
33	42.89						2.57	2.10	1.55	1.29	1.05	0.88		32000
27	51.77					2.59	2.13	1.74	1.28	1.07	0.87			32000
23	60.74				2.71	2.21	1.81	1.48	1.09	0.91				32000
21	68.07				2.42	1.97	1.62	1.32	0.97	0.81				32000
18	78.14			2.87	2.11	1.72	1.41	1.15	0.85					32000
16	87.86		3.03	2.55	1.88	1.53	1.25	1.03						32000
13	109.83		2.42	2.04	1.50	1.22	1.00							32000
10	134.99	2.43	1.97	1.66										32000
8.5	164.50	2.00												32000

输出扭矩 T (N·M) output torque T (N·M)														输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	15	18.5	22	30	37	45	55	75	90	110	132	160	
81	17.34									9434	11530	13837	16772	66600
69	20.32									11055	13512	16214	19654	69750
57	24.52								11117	13340	16305	19566	23716	73500
49	28.77								13044	15653	19131	22957	27827	81900
43	32.25								14622	17546	21445	25734	31193	89730
38	36.61							12213	16598	19918	24344	29213	35410	89730
33	42.89						11707	14308	19446	23335	28520	34224		96660
27	51.77					11618	14131	17271	23472	28166	34425			108000
23	60.74				11090	13632	16579	20263	27539	33046				114300
21	68.07				12428	15277	18580	22708	30862	37034				126000
18	78.14			10498	14267	17537	21328	26068	35427					126090
16	87.86		9926	11804	16042	19718	23981	29311						135000
13	109.83		12408	14756	20053	24649	29978							135000
10	134.99	12365	15251	18136										135000
8.5	164.50	15069												135000

BK系列选型参数表: BK187 BK Series Parameter Selection Table: BK187

使用系数fb service factor fb														额定输出扭矩 Rated output torque T2N(N· M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	18.5	22	30	37	45	55	75	90	110	132	160	200	
81	17.18										2.84	2.34	1.87	41400
69	20.15										2.57	2.12	1.69	43900
58	24.18										2.32	1.91	1.53	47600
50	27.92									2.53	2.11	1.74	1.39	50000
42	33.23									2.13	1.77	1.46	1.17	50000
36	38.57								2.24	1.83	1.53	1.26	1.01	50000
33	42.51								2.03	1.66	1.39	1.14	0.91	50000
31	45.50							2.28	1.90	1.55	1.29	1.07	0.85	50000
26	53.36							1.94	1.62	1.32	1.10	0.91		50000
22	64.04						2.20	1.62	1.35	1.10	0.92			50000
19	73.96					2.33	1.90	1.40	1.17	0.96	0.80			50000
16	88.00			2.93	2.38	1.96	1.60	1.18	0.98	0.80				50000
14	102.16			2.52	2.05	1.69	1.38	1.01	0.85					50000
12	112.60			2.29	1.86	1.53	1.25	0.92						50000
11.0	129.69	3.21	2.70	1.98	1.61	1.33	1.09	0.80						50000
9.7	144.59	2.88	2.42	1.78	1.45	1.19	0.97							50000
8.5	165.21	2.52	2.12	1.56	1.27	1.04								50000
7.8	179.86	2.31	1.95	1.43	1.16	0.96								50000

输出扭矩 T (N·M) output torque T (N·M)														输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	18.5	22	30	37	45	55	75	90	110	132	160	200	
81	17.18										13709	16617	20771	74700
69	20.15										16079	19489	24362	76770
58	24.18										19295	23387	29234	78120
50	27.92									18566	22279	27005	33756	85050
42	33.23									22097	26516	32141	40176	92700
36	38.57								20984	25648	30777	37306	46632	92700
33	42.51								23128	28268	33921	41116	51396	101430
31	45.50							20629	24755	30256	36307	44008	55011	113400
26	53.36							24193	29031	35482	42579	51611		113490
22	64.04						21364	29035	34842	42584	51101			130500
19	73.96					20187	24673	33532	40239	49181	59017			132300
16	88.00			16067	19749	24020	29357	39898	47877	58517				143100
14	102.16			18653	22927	27885	34081	46318	55581					152910
12	112.60			20559	25270	30734	37564	51051						152910
11.0	129.69	14652	17424	23679	29106	35399	43265	58799						152910
9.7	144.59	16335	19426	26400	32450	39466	48236							152910
8.5	165.21	18665	22196	30165	37077	45094								152910
7.8	179.86	20320	24164	32839	40365	49093								152910



FECO
TRANSMISSION

BK组合参数表 BR Combined parameters table

		使用系数fb service factor fb						
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW
4.0	346	BK37BR17 BKF37BR17 BKA37BR17 BKAF37BR17	0.80					
4.6	304		0.95					
5.2	267		1.05					
6.0	234		1.20					
6.8	205		1.40	0.85				
7.7	181		1.60	1.00				
8.8	160		1.85	1.10				
10	136		2.2	1.35				
11	127			1.40				
2.5	552	BK47BR37 BKF47BR37 BKA47BR37 BKAF47BR37	1.05					
2.8	495		1.25					
3.3	426		1.40					
3.7	375		1.65	1.00				
4.3	327		1.75	1.10				
4.8	289		2.0	1.20				
5.5	256			1.45				
6.2	225			1.60				
7.1	198			1.85				
8.2	171			2.1				
9.2	153			2.4				
11	131			2.7				
1.5	906	BK57BR37 BKF57BR37 BKA57BR37 BKAF57BR37	1.00					
1.7	806		1.10					
2.0	699		1.30					
2.3	615		1.50					
2.6	544		1.70	1.00				
3.0	473		1.85	1.10				
3.3	421		2.2	1.30	0.90			
3.9	362		2.4	1.45	1.00			
4.4	319		2.8	1.65	1.15			
5.0	280		3.3	1.95	1.35	0.95		
5.7	246		3.8	2.2	1.55	1.10		
6.5	215		4.3	2.5	1.75	1.20		
7.3	192		4.8	2.9	1.95	1.40	0.90	
8.4	166			3.3	2.3	1.60	1.05	
1.0	1351	BK67BR37 BKF67BR37 BKA67BR37 BKAF67BR37	0.85					
1.2	1171		1.00					
1.4	1034		1.15					
1.6	903		1.35					
1.8	793		1.45	0.90				
2.0	697		1.80	1.05				
2.3	613		2.0	1.20	0.85			
2.6	542		2.3	1.40	0.95			
3.0	471		2.5	1.50	1.05			
3.3	420		3.0	1.80	1.25	0.85		
3.9	361		3.3	2.0	1.40	1.00		
4.3	323		3.8	2.3	1.55	1.10		
5.0	279		4.5	2.7	1.85	1.30	0.85	
5.7	246		5.2		2.1	1.50	0.95	
6.5	217		5.9		2.4	1.65	1.10	
7.3	191					1.90	1.25	
8.4	166					2.2	1.40	
9.7	144					2.5	1.60	
0.52	2717	BK77BR37 BKF77BR37 BKA77BR37 BKAF77BR37	0.85					
0.59	2370		1.00					
0.68	2050		1.10					
0.79	1772		1.25					
0.92	1514		1.50	0.90				
1.0	1388		1.60	1.01				
1.1	1218		1.85	1.10				
1.3	1053		2.1	1.31				



		使用系数fb service factor fb						
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW
1.5	924	BK77BR37 BKF77BR37 BKA77BR37 BKAF77BR37	2.4	1.45	1.00			
1.7	815		2.7	1.65	1.15	0.80		
2.0	709		3.5	2.0	1.41	0.96		
2.3	622		3.9	2.3	1.60	1.10		
2.5	552			2.6	1.75	1.25		
2.9	485			2.9	2.0	1.40	0.90	
3.3	428			3.3	2.3	1.60	1.05	
3.8	367			3.8	2.6	1.85	1.20	0.90
4.3	328				2.9	2.1	1.35	1.00
4.8	290				3.3	2.3	1.50	1.15
5.6	252				3.9	2.7	1.75	1.30
6.3	221				4.4	3.1	2.0	1.50
7.2	195				5.0	3.5	2.3	

		使用系数fb service factor fb												
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW	5.5KW
0.27	5240	BK87BR57 BKF87BR57 BKA87BR57 BKAF87BR57	0.80											
0.31	4562		0.95											
0.35	4037		1.00											
0.39	3609		1.15											
0.45	3107		1.30	0.80										
0.51	2728		1.55	0.90										
0.59	2371		1.75	1.05										
0.67	2088		1.90	1.15	0.80									
0.76	1854		2.1	1.30	0.90									
0.84	1657		2.4	1.45	1.00									
1.00	1399		2.8	1.72	1.16	0.86								
1.2	1214		3.2	1.97	1.37	0.96								
1.3	1078		3.7	2.3	1.55	1.10								
1.5	951		4.4	2.6	1.80	1.25	0.80							
1.7	837		5.2	3.0	2.1	1.45	0.95							
1.9	726		5.9	3.5	2.4	1.65	1.10	0.80						
2.2	638				2.7	1.85	1.20	0.90						
2.5	562					2.2	1.40	1.00						
3.0	474					2.6	1.65	1.20	0.85					
3.3	426					2.8	1.85	1.35	0.90					
3.8	373					3.2	2.1	1.55	1.05					
4.2	330						2.4	1.75	1.20	0.90				
4.8	294						2.7	1.95	1.35	1.00				
5.6	250						3.1	2.3	1.55	1.15				
5.9	236						3.3	2.4	1.65	1.20				
7.0	201						3.9	2.9	1.95	1.45				
0.17	8054	BK97BR57 BKF97BR57 BKA97BR57 BKAF97BR57	0.80											
0.20	6970		0.95											
0.23	6027		1.05											
0.26	5391		1.20											
0.30	4669		1.40	0.85										
0.34	4082		1.55	0.95										
0.39	3583		1.80	1.10										
0.45	3108		2.1	1.25	0.85									
0.51	2757		2.4	1.45	1.00									
0.58	2419		2.6	1.62	1.11									
0.66	2123		3.0	1.80	1.25	0.90								
0.75	1856		3.4	2.1	1.40	1.00								
0.86	1625		4.1	2.4	1.65	1.15								
0.98	1430		4.8	2.8	1.90	1.35	0.85							
1.1	1261		5.0	3.0	2.1	1.50	0.95							
1.3	1102		5.7	3.5	2.4	1.70	1.10	0.80						
1.5	957			4.0	2.7	1.97	1.26	0.96						
1.6	855			4.5	3.1	2.2	1.42	1.06						

BK



		使用系数fb service factor fb												
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW	5.5KW
1.9	743	BK97BR57 BKF97BR57 BKA97BR57 BKAF97BR57		5.6		2.6	1.70	1.25	0.85					
2.1	652			6.2		3.0	1.90	1.40	0.95					
2.4	573					3.3	2.1	1.55	1.10	0.80				
2.8	504						2.5	1.85	1.25	0.90				
3.2	437						2.9	2.1	1.45	1.05				
3.7	382						3.3	2.4	1.65	1.20	0.80			
4.1	342								1.85	1.35	0.90			
4.6	305						4.0	3.0		1.50	1.00			
5.4	258							3.5		1.75	1.20	0.85		
6.0	232							3.9		1.95	1.35	0.95		
7.0	199							4.6		2.3	1.55	1.15	0.85	
0.10	14311	BK107BR77 BKF107BR77 BKA107BR77 BKAF107BR77	0.90											
0.11	12211		1.05											
0.13	10677		1.20											
0.15	9524		1.35											
0.17	8328		1.55	0.90										
0.19	7270		1.80	1.05										
0.23	6184		2.2	1.25	0.85									
0.25	5662		2.5	1.40	0.95									
0.27	5138		2.7	1.55	1.05									
0.32	4359		3.0	1.75	1.20									
0.37	3810			2.0	1.35	0.95								
0.42	3358			2.4	1.60	1.10								
0.47	2977			2.6	1.75	1.20	0.80							
0.54	2599			3.0	2.0	1.40	0.90							
0.61	2286			3.5	2.3	1.60	1.05							
0.72	1939				2.7	1.90	1.20							
0.82	1713				3.0	2.1	1.35	1.00						
0.90	1554				3.3	2.3	1.50	1.10						
1.0	1336				3.8	2.7	1.75	1.30						
1.2	1166					3.1	2.0	1.45	1.00					
1.4	1030						2.3	1.70	1.15	0.85				
1.5	904						2.7	1.95	1.30	0.95				
1.8	793						2.9	2.2	1.52	1.10				
2.0	696						3.4	2.5	1.70	1.25				
2.3	615						3.9	2.8	1.95	1.40	0.95			
2.7	522								2.3	1.65	1.10			
3.0	461								2.6	1.90	1.30	0.90		
3.4	408								2.9	2.1	1.45	1.05		
3.8	364								3.2	2.4	1.60	1.15	0.90	
4.4	318								3.7	2.7	1.85	1.35	1.00	
4.9	286										2.0	1.50	1.10	
5.6	251										2.3	1.70	1.30	
6.3	222											1.90	1.45	1.05
7.1	196											2.20	1.65	1.20
8.0	174											2.20	1.65	1.20
9.1	154											2.50	1.85	1.35

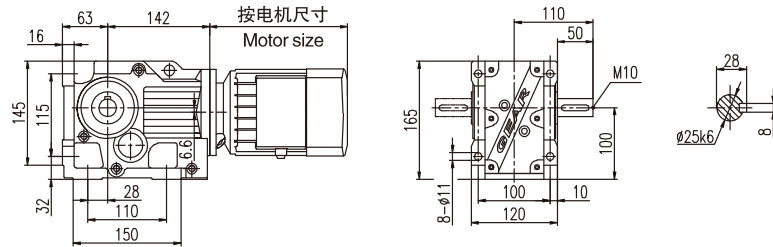
使用系数fb service factor fb																
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW	5.5KW	7.5KW	
0.08	17550	BK127BR77 BKF127BR77 BKA127BR77 BKAF127BR77	1.20													
0.09	16006		1.30													
0.09	14975		1.40	0.80												
0.11	12440		1.70	1.01												
0.13	10915		1.95	1.15												
0.14	9819		2.1	1.26	0.86											
0.17	8443		2.5	1.45	1.00											
0.19	7482		2.8	1.67	1.11	0.81										
0.21	6565			1.90	1.30	0.90										
0.24	5804				2.2	1.50	1.05									

使用系数fb service factor fb																
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW	5.5KW	7.5KW	
0.28	5027	BK127BR77 BKF127BR77 BKA127BR77 BKAF127BR77		2.5	1.70	1.20										
0.32	4423			2.9	1.95	1.35	0.85									
0.36	3889			3.3	2.2	1.55	1.00									
0.42	3311			4.0	2.7	1.85	1.20	0.85								
0.47	3009						1.30	0.95								
0.54	2607						1.50	1.10								
0.73	1926					3.0	1.97	1.46	1.01							
0.80	1757					3.3	2.2	1.62	1.11	0.81						
0.91	1541					3.8	2.5	1.80	1.25	0.90						
1.0	1342						2.8	2.1	1.41	1.06						
1.2	1177						3.2	2.4	1.60	1.20						
1.4	1025						3.7	2.7	1.87	1.36	0.91					
1.6	899							3.1	2.1	1.55	1.05					
1.8	790								2.5	1.80	1.20	0.90				
2.0	704								2.7	2.0	1.35	1.00				
2.3	610								3.2	2.3	1.55	1.15	0.85			
2.6	549								3.5	2.6	1.75	1.25	0.95			
2.9	477								4.1	3.0	2.0	1.45	1.10			
3.3	418								3.4	2.3	1.65	1.25				

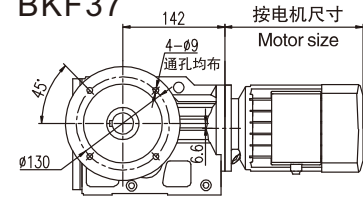
		使用系数fb service factor fb														
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW	5.5KW	7.5KW	11KW	15KW	18.5KW	22KW	
2.6	536	BK127BR87 BKF127BR87 BKA127BR87 BKAF127BR87				2.7	1.80	1.30	1.00							
3.0	473						2.1	1.50	1.10							
3.3	418					3.4	2.3	1.65	1.25	0.90						
3.8	367					3.9	2.6	1.90	1.45	1.05						
4.2	330						2.9	2.1	1.60	1.15	0.85					
4.9	287							2.5	1.85	1.35	1.00					
5.5	253								2.1	1.50	1.10					
6.6	213									1.80	1.30	0.90				
7.0	200									1.75	1.30	0.90				
8.4	166									2.1	1.55	1.05				
9.5	147									2.4	1.75	1.20				
0.20	6881	BK157BR97 BKF157BR97 BKA157BR97 BKAF157BR97	0.80													
0.24	5931		0.95													
0.35	3979		1.40	1.00												
0.40	3516				0.80											
0.46	3051		1.80	1.30	0.90											
0.54	2610				1.10											
0.60	2322				1.20	0.90										
0.84	1659			2.4	1.65	1.20	0.80									
1.0	1365			3.0	2.0	1.45	1.00									
1.1	1229				2.3	1.65	1.10	0.80								
1.3	1093				2.5	1.85	1.25	0.90								
1.5	942				2.9	2.1	1.40	1.05								
1.6	854				3.3	2.4	1.60	1.15	0.85							
1.9	756						1.80	1.30	1.00							
2.1	661									0.80						
2.5	567					3.6		1.70	1.30	0.95						
2.8	504					4.0		1.95	1.45	1.05						
3.2	434								1.70	1.25	0.90					
3.7	379									1.45	1.05					
4.2	333									1.60	1.20	0.80				
4.8	291										1.35	0.90				
6.1	230	BK157BR107 BKF157BR107 BKA157BR107 BKAF157BR107											0.87			
6.6	213												0.95			
7.5	187												1.08	0.87		
8.9	157												1.28	1.08	0.87	
11	122												1.60	1.30	1.10	
13	107												1.85	1.50	1.25	



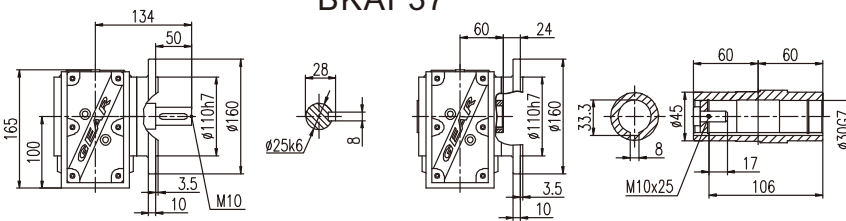
BK37



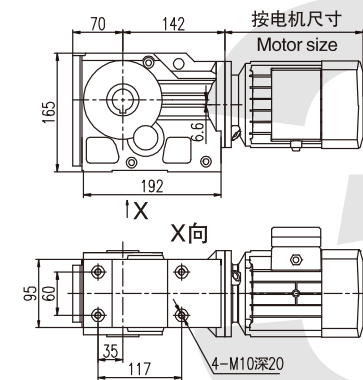
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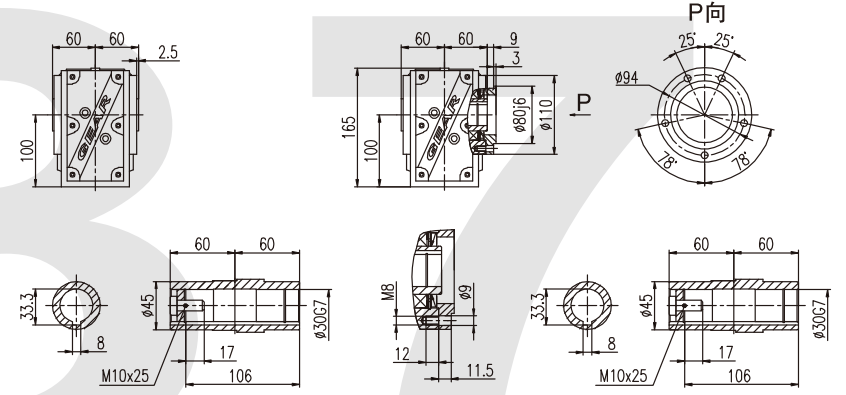
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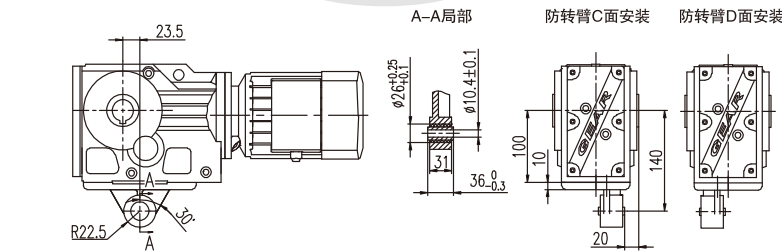
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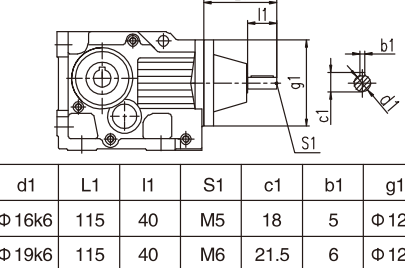
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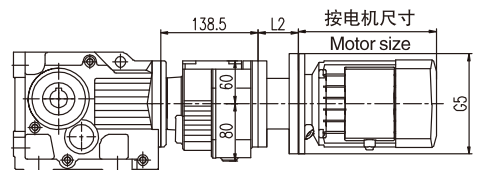
BKAT37



BK..S37

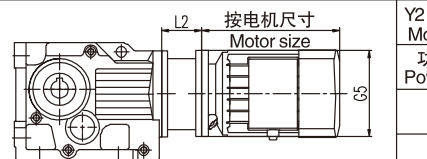


BK..37BR17



BK..37

需方自配电机需加连接法兰
The connected flange is needed when
the motor supplied by customer

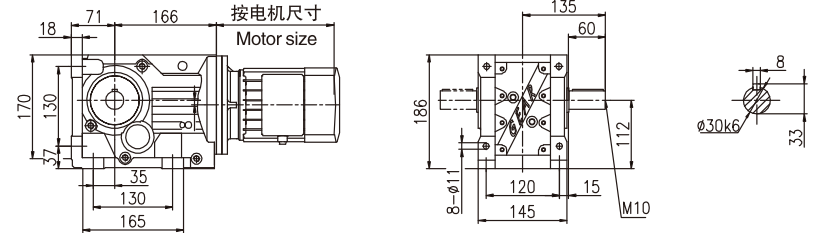


Y2电机座号 Motor size	63	71		80	90		100		
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0
L2	56	56		56		56		82	
G5	Φ 140	Φ 160		Φ 200		Φ 200		Φ 250	

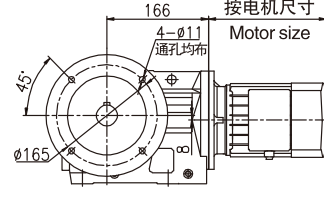
注：1、BAK、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BAK、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ250时，是否影响正常安装。

Note: 1. The housings of BKA、BKAF、BKAZ are common parts,The
moun thing dimen sions may consult each other.
2. “BK..” means BK、BAK、BKAF、BKAZ、BKAT、BKAB.
3. If the motor provided by the purchaser is G5≥Φ250,
please check if normal installation is influenced.

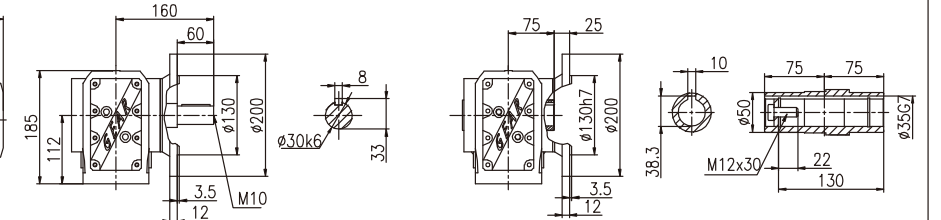
BK47



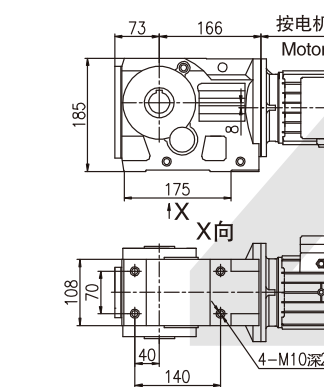
BKF47



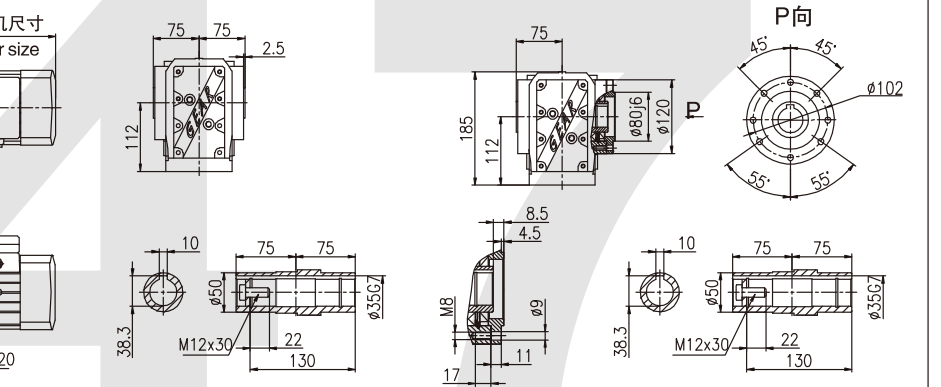
BKAF47



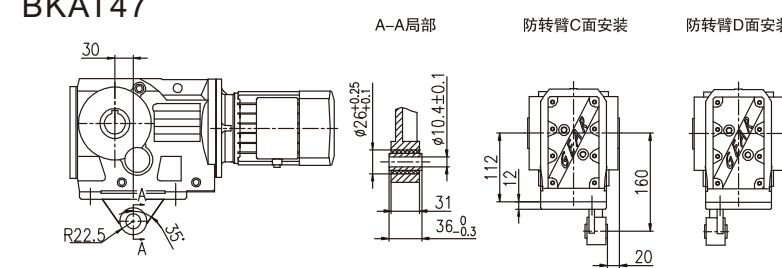
BAK47



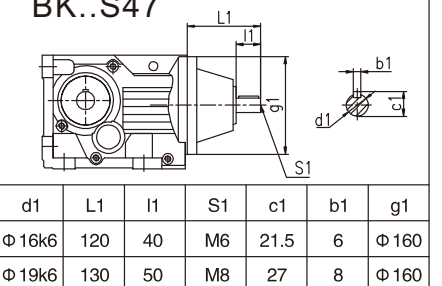
BKAZ47



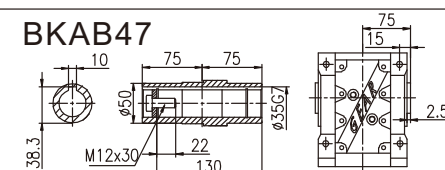
BKAT47



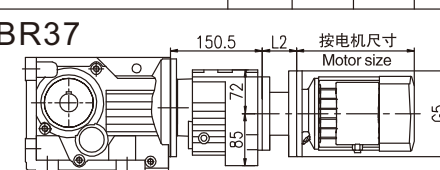
BK..S47



BKAB47

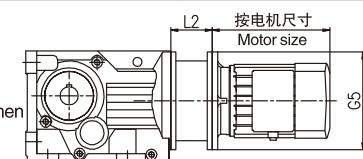


BK..47BR37



BK..47

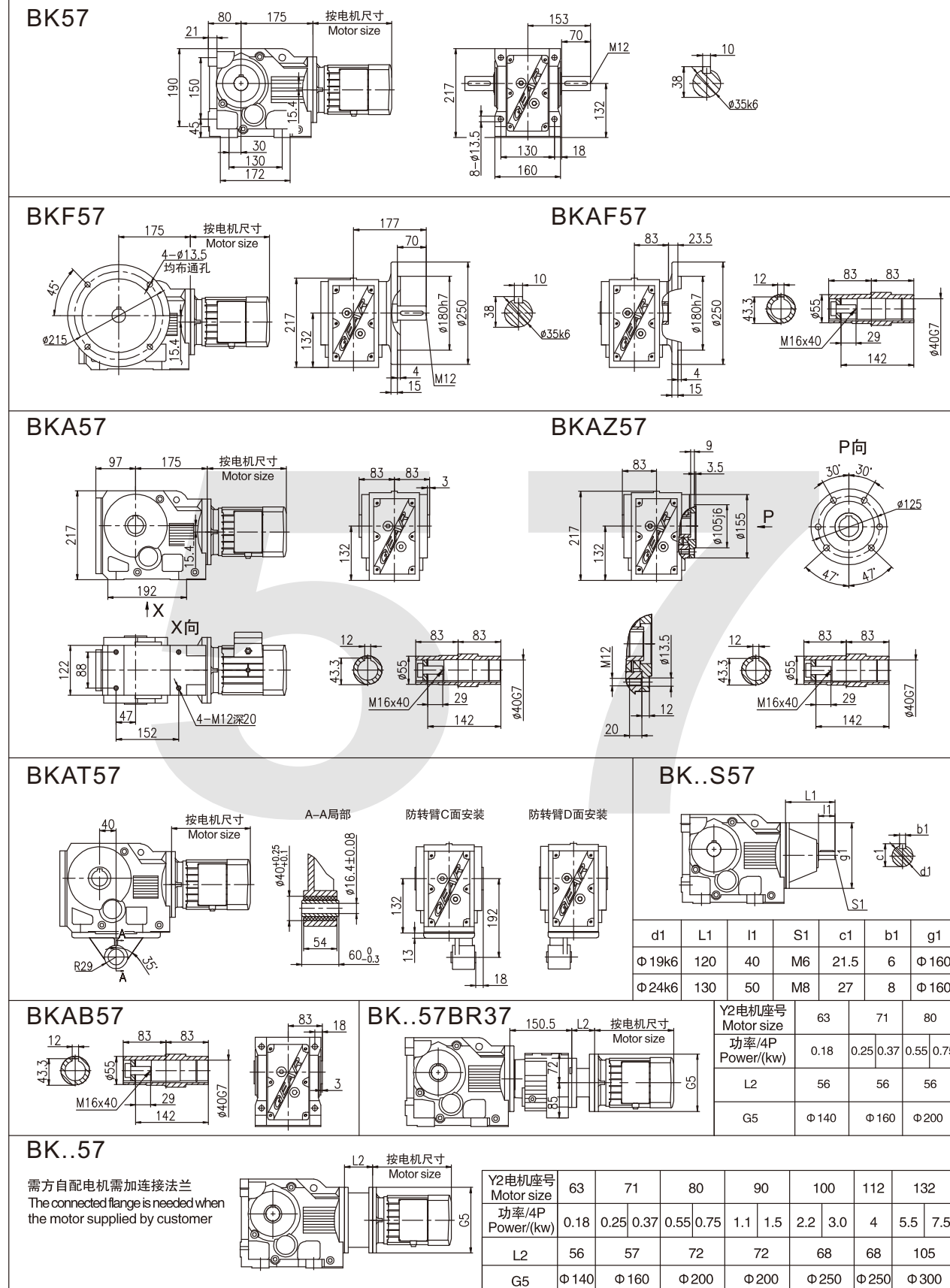
需方自配电机需加连接法兰
The connected flange is needed when
the motor supplied by customer



Y2电机座号 Motor size	63		71		80		90		100		112	
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0		
L2	56		57		72		72		68		68	
G5	Φ 140		Φ 160		Φ 200		Φ 200		Φ 250		Φ 250	

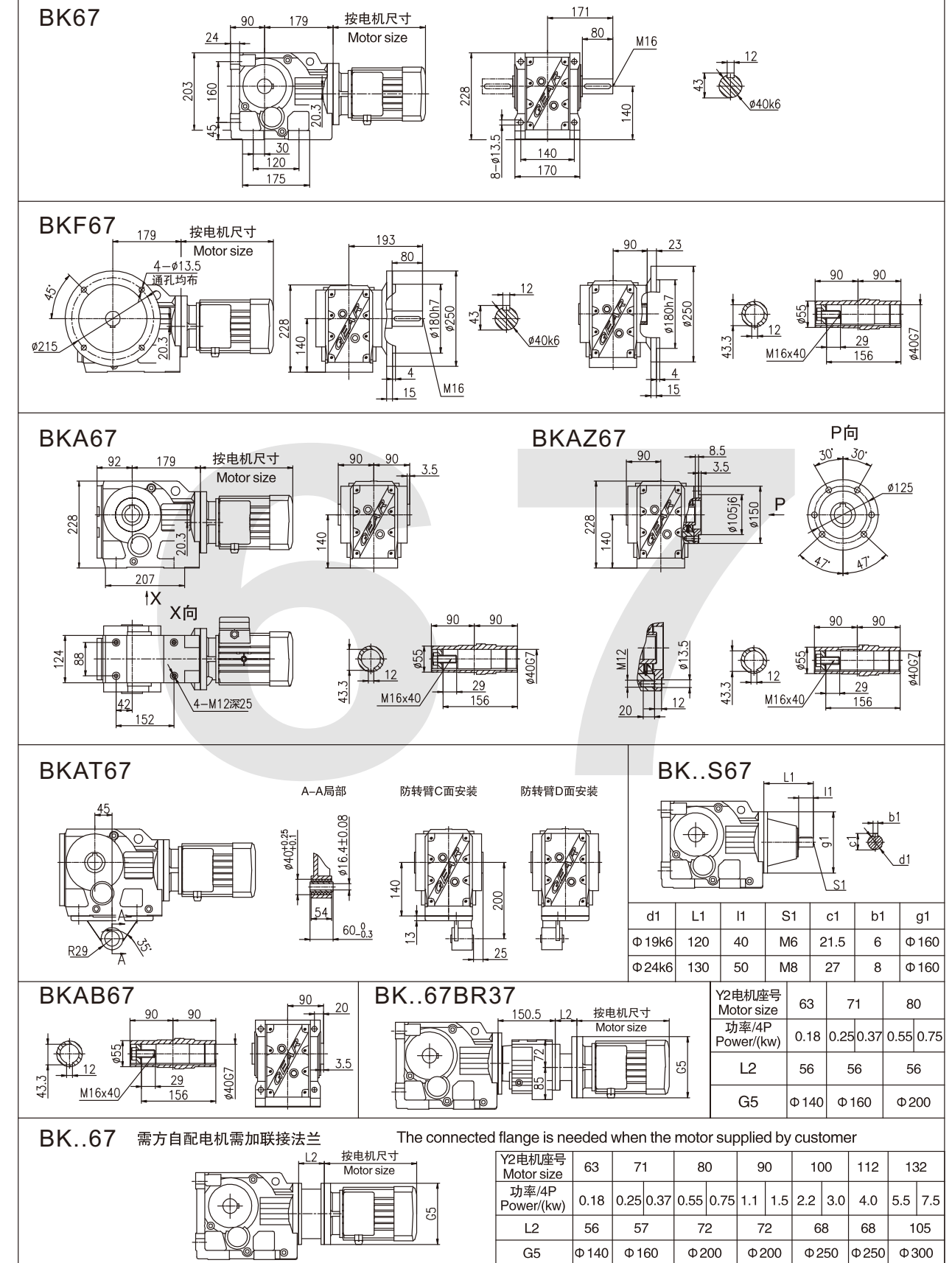
注：1、BAK、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BAK、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ250时，是否影响正常安装。

Note: 1. The housings of BKA、BKAF、BKAZ are common parts,The
moun thing dimen sions may consult each other.
2. “BK..” means BK、BAK、BKAF、BKAZ、BKAT、BKAB.
3. If the motor provided by the purchaser is G5≥Φ250,
please check if normal installation is influenced.



注：1、BKA、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BKA、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ300时，是否影响正常安装。

Note: 1. The housings of BKA, BKAF, BKAZ are common parts, The mounting dimensions may consult each other.
2. “BK..” means BK, BKA, BKAF, BKAZ, BKAT, BKAB.
3. If the motor provided by the purchaser is G5≥Φ300, please check if normal installation is influenced.

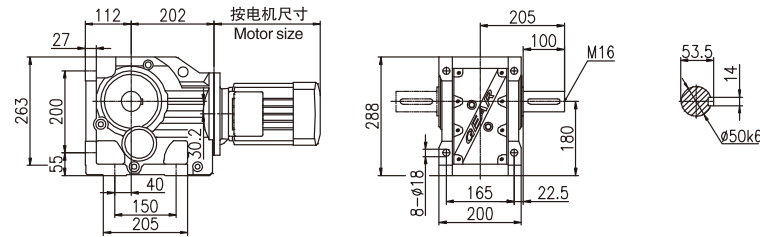


注：1、BKA、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BKA、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ300时，是否影响正常安装。

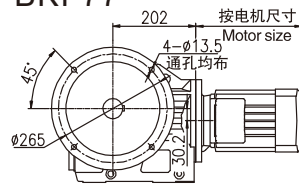
Note: 1. The housings of BKA, BKAF, BKAZ are common parts, The mounting dimensions may consult each other.
2. “BK..” means BK, BKA, BKAF, BKAZ, BKAT, BKAB.
3. If the motor provided by the purchaser is G5≥Φ300, please check if normal installation is influenced.



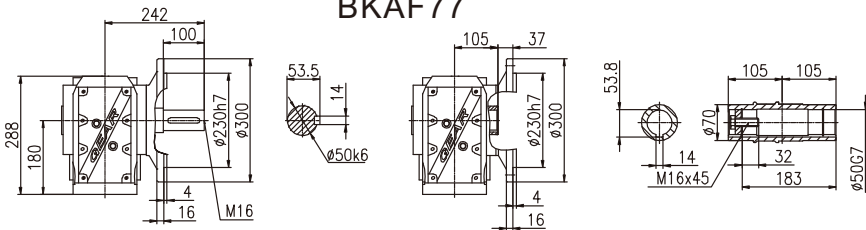
BK77



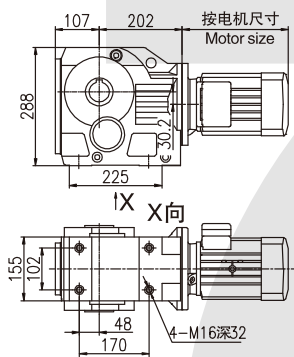
BKF77



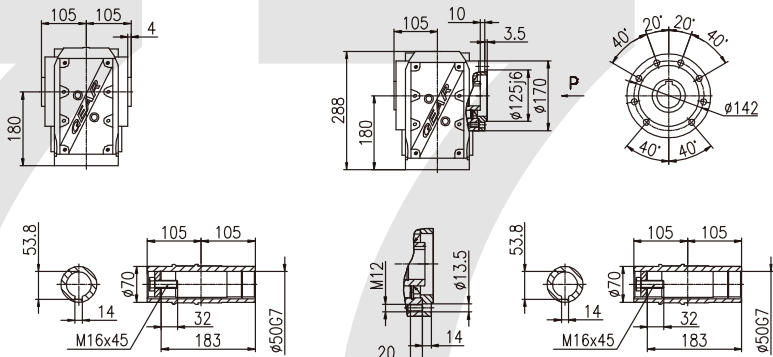
BKAF77



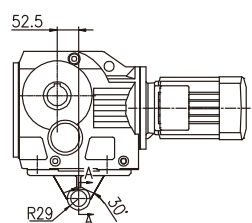
BKA77



BKAZ77



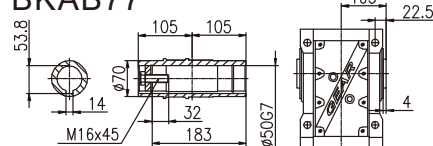
BKAT77



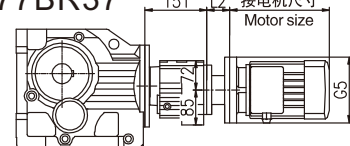
BK..S77

d1	L1	l1	S1	c1	b1	g1
Φ24k6	140	50	M8	27	8	Φ200
Φ38k6	140	50	M12	41	10	Φ200

BKAB77



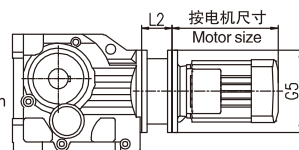
BK..77BR37



Y2电机座号 Motor size	63	71		80	
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.7
L2	56	56		56	
G5	Φ 140	Φ 160		Φ 200	

BK..77

需方自配电机需加连接法兰
The connected flange is needed when the motor supplied by customer

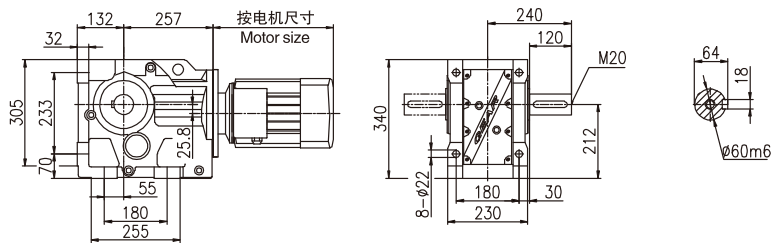


Y2电机座号 Motor size	63			71			80			90			100		112		132		160	
功率/4P Power/(kw)	0.18		0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15					
L2	56		57		72			72			68		68		105		129			
G5	Φ 140			Φ 160			Φ 200			Φ 200			Φ 250		Φ 250		Φ 300		Φ 350	

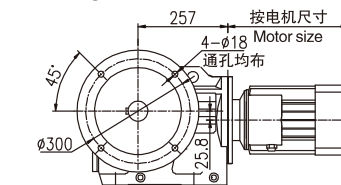
- 注：1、BKA、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BKA、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ350时，是否影响正常安装。

Note: 1. The housings of BKA、BKAF、BKAZ are common parts,The moun thing dimen sions may consult each other.
2、“BK..” means BK、BKA、BKAF、BKAZ、BKAT、BKAB.
3. If the motor provided by the purchaser is G5≥Φ350, please check if normal installation is influenced.

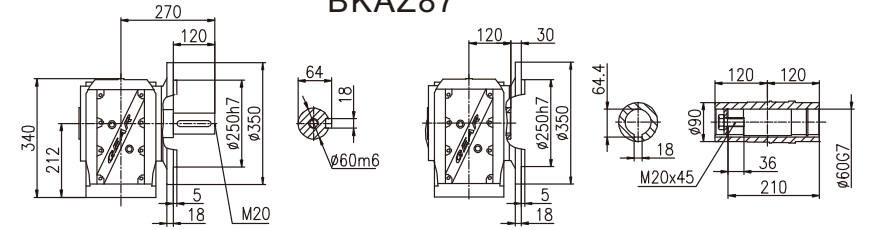
BK87



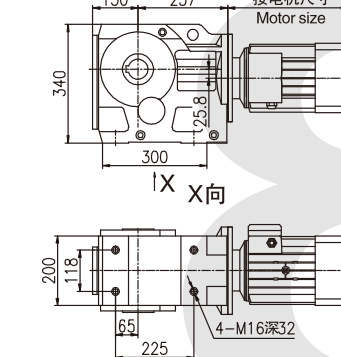
BKF87



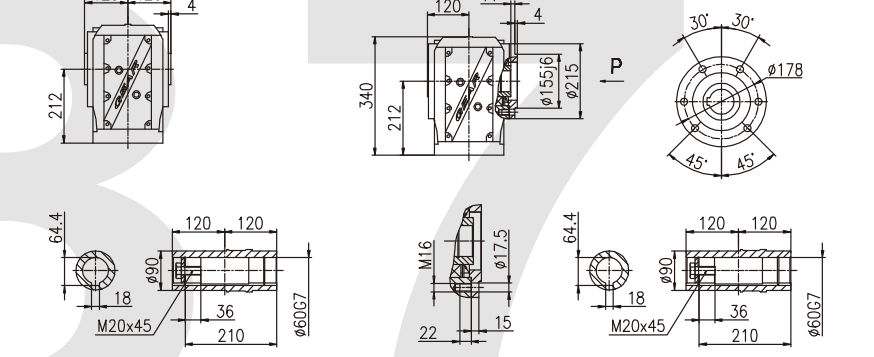
BKAZ87



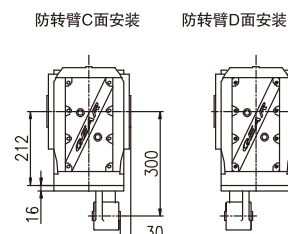
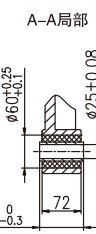
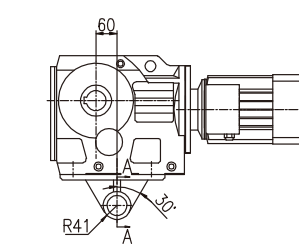
BKA87



BKAZ87



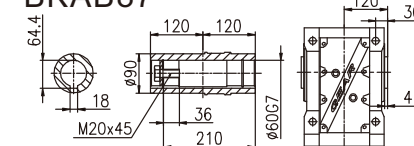
BKAT87



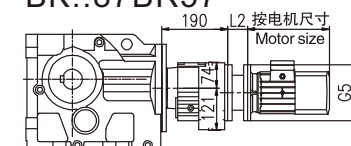
BK..S87

d1	L1	l1	S1	c1	b1	g1
Φ28k6	180	60	M10	31	8	Φ250
Φ38k6	200	80	M12	41	10	Φ250
Φ42k6	200	80	M16	45	12	Φ250

BKAB87



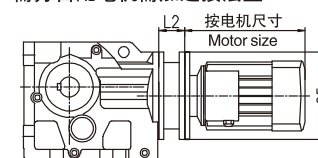
BK..87BR57



Y2电机座号 Motor size	63		71		80		90	
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	
L2	56		57		72		72	
G5	Φ 140		Φ 160		Φ 200		Φ 200	

BK..87 需方自配电机需加连接法兰

The connected flange is needed when the motor supplied by customer



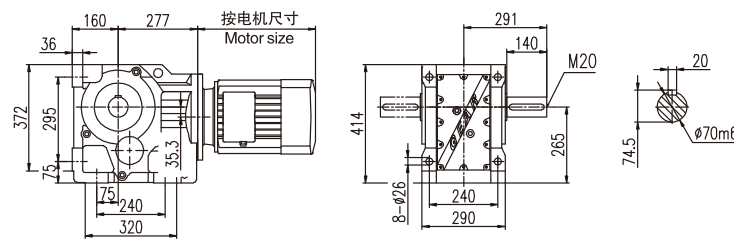
Y2电机座号 Motor size	80		90		100		112		132		160		160	
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	
L2	62		62		74		74		98		119		119	
G5	Φ200		Φ200		Φ250		Φ250		Φ300		Φ350		Φ350	

- 注：1、BKA、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BKA、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ350时，是否影响正常安装。

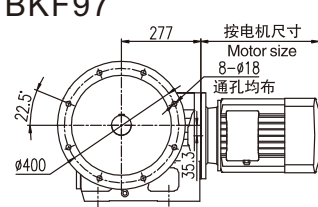
Note: 1. The housings of BKA、BKAF、BKAZ are common parts,The moun thing dimen sions may consult each other.
2、“BK..” means BK、BKA、BKAF、BKAZ、BKAT、BKAB.
3. If the motor provided by the purchaser is G5≥Φ350, please check if normal installation is influenced.



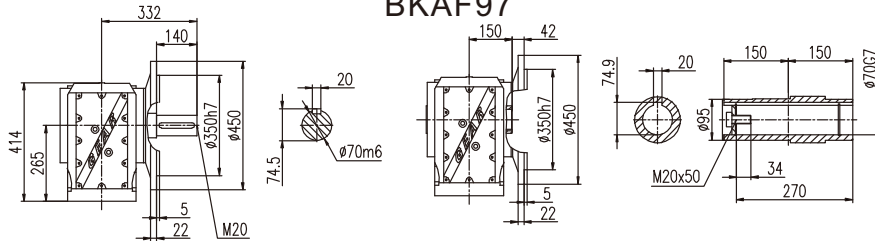
BK97



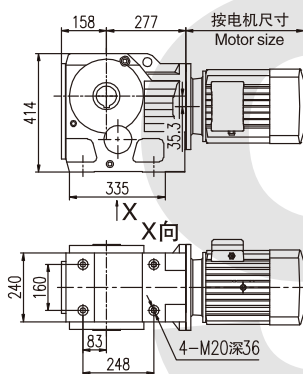
BKF97



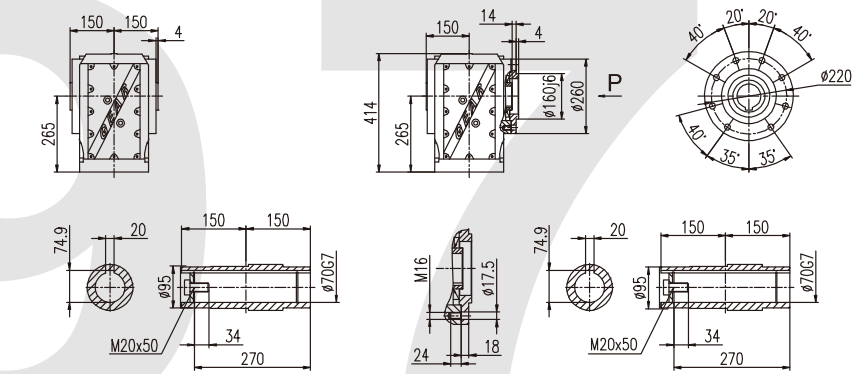
BKAF97



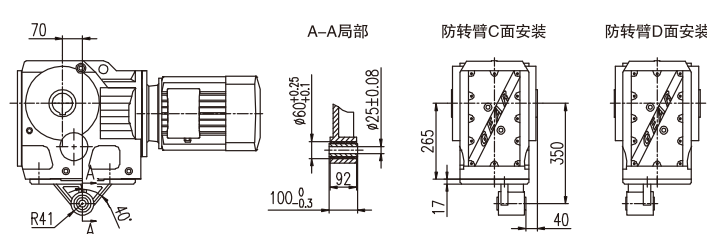
BKA97



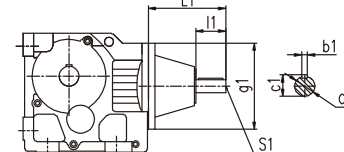
BKAZ97



BKAT97

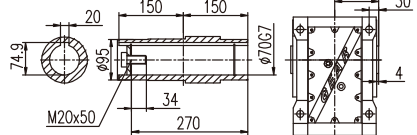


BK..S97

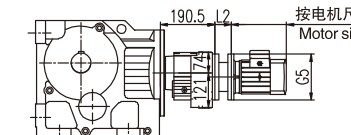


d1	L1	l1	S1	c1	b1	g1
Φ 38k6	220	80	M12	41	10	Φ 300
Φ 42k6	220	80	M16	45	12	Φ 300
Φ 48k6	220	80	M16	51.5	14	Φ 300

BKAB97

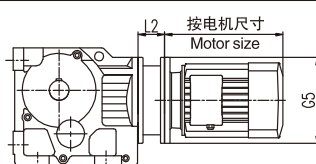


BK..97BR57



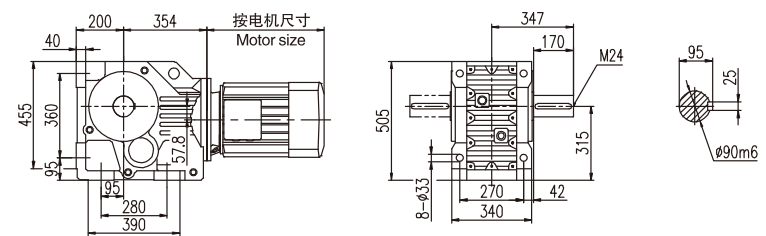
BK..97

需方自配电机需加连接法兰
The connected flange is needed when
the motor supplied by customer

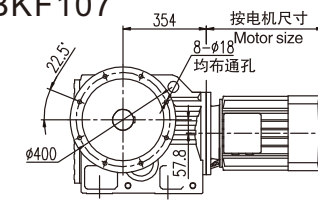


Y2电机座号 Motor size	63	71	80	90	100
功率/4P Power/(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3.0
L2	56	57	72	72	68
G5	Φ140	Φ160	Φ200	Φ200	Φ250

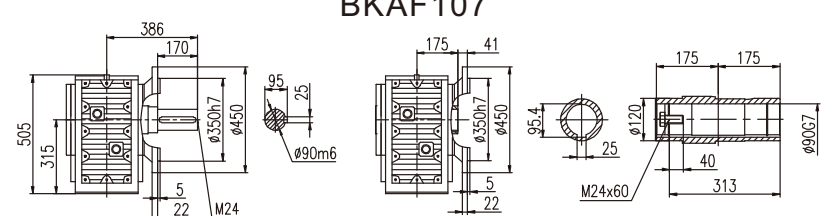
BK107



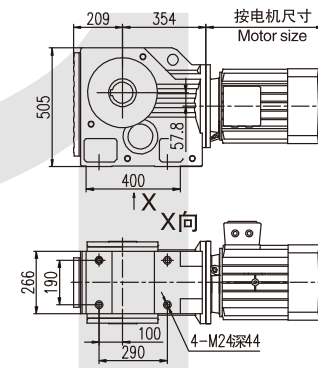
BKF107



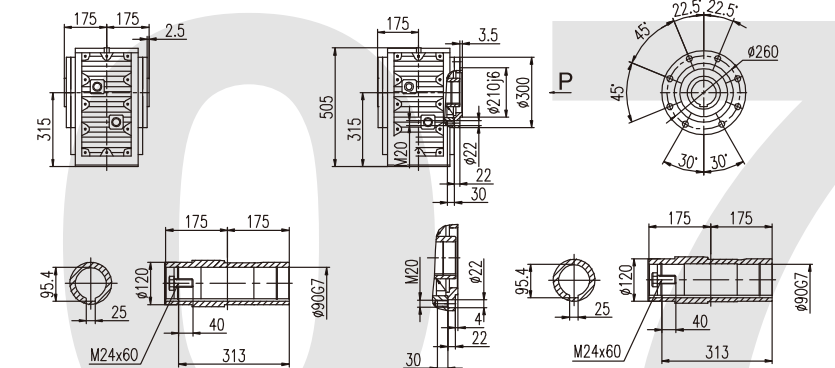
BKAF107



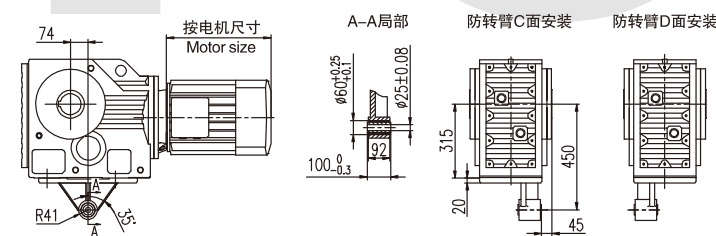
BKA107



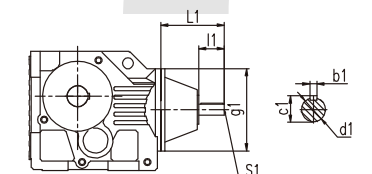
BKAZ107



BKAT107

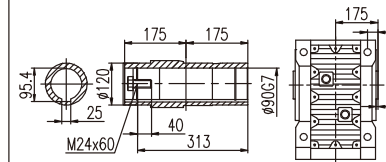


BK..S107

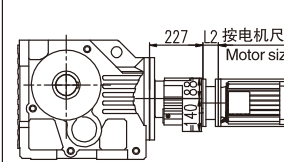


d1	L1	l1	S1	c1	b1	g1
Φ 42k6	270	110	M16	45	12	Φ 350
Φ 48k6	270	110	M16	51.5	14	Φ 350

BKAB107



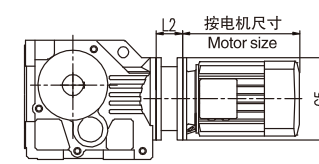
BK..107BR77



Y2电机座号 Motor size	63	71	80	90	100	112	132
功率/4P Power/(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3.0	4	5.5
L2	56	57	72	72	68	68	105
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250	Φ300

BK..107

需方自配电机需加连接法兰
The connected flange is needed when
the motor supplied by customer



Y2电机座号 Motor size	100	112	132	160	180	200	225
功率/4P Power/(kw)	2.2 3.0	4	5.5 7.5	11 15	18.5 22	30 37	45
L2	55	55	76	112	112	130	151
G5	Φ250	Φ250	Φ300	Φ350	Φ350	Φ400	Φ450

注：1、BKA、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BKA、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ250时，是否影响正常安装。

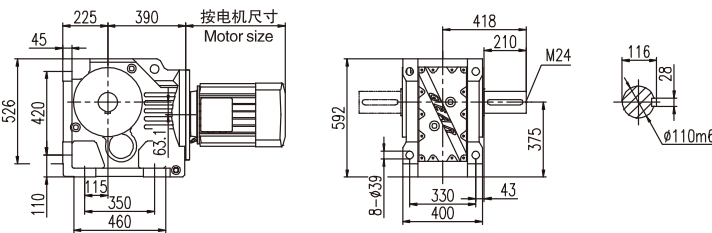
Note: 1. The housings of BKA、BKAF、BKAZ are common parts, The moun thing dimen sions may consult each other.
2、“BK..” means BK、BKA、BKAF、BKAZ、BKAT、BKAB.
3. If the motor provided by the purchaser is G5≥Φ250, please check if normal installation is influenced.

注：1、BKA、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BKA、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ250时，是否影响正常安装。

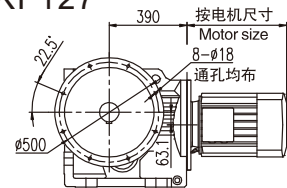
Note: 1. The housings of BKA、BKAF、BKAZ are common parts, The moun thing dimen sions may consult each other.
2、“BK..” means BK、BKA、BKAF、BKAZ、BKAT、BKAB.
3. If the motor provided by the purchaser is G5≥Φ250, please check if normal installation is influenced.



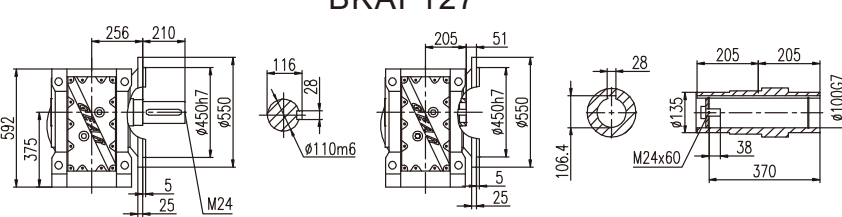
BK127



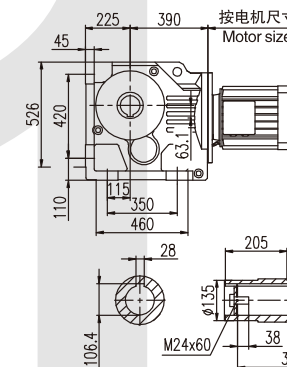
BKF127



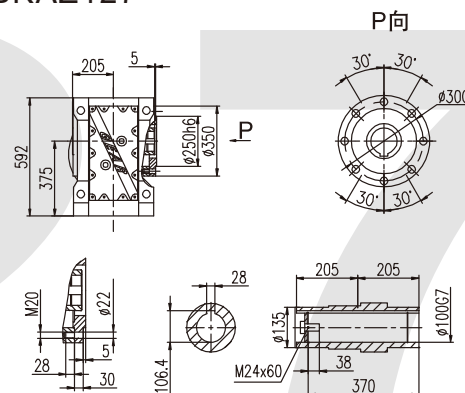
BKAF127



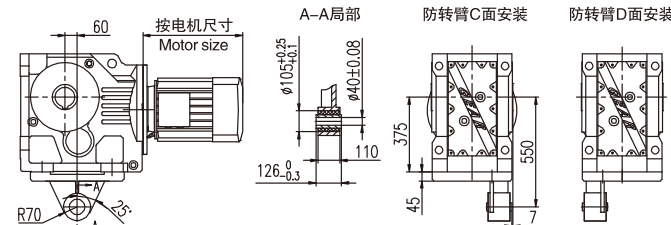
BKA(BKAB)127



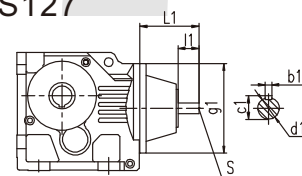
BKAZ127



BKAT127

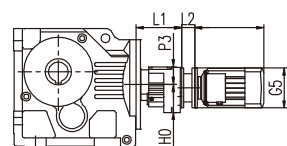


BK..S127



d1	L1	I1	S1	c1	b1	g1
Φ55m6	297	110	M20	59	16	Φ450

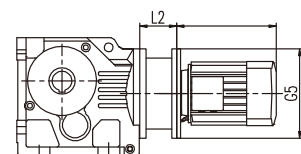
BK..127BRFD..7



				Y2电机座号 Motor size	63	71		80		90		100		112		132	
				功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4		5.5	7.5
型号type	L1	P3	H0	GR77(L2)	56	57	72		72	68		68		—			
GK..127GR77	227	88	114	GR87(L2)	—	—	62		62	74		74		98			
GK..127GR87	274	115	184	G5	Φ 140	Φ 160	Φ 200		Φ 200	Φ 250		Φ 250		Φ 300			

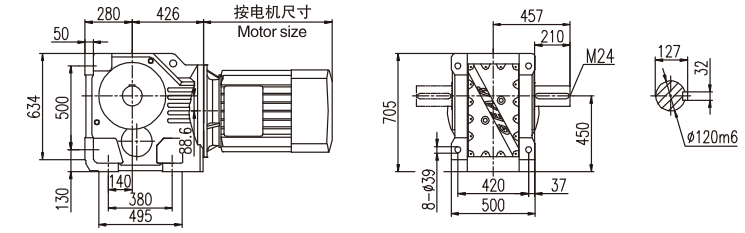
BK..127

需方自配电机需加连接法兰
The connected flange is needed when the motor supplied by customer

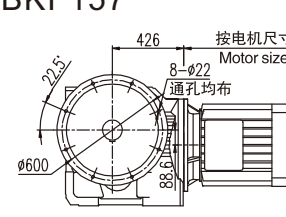


Note: 1. The housings of BKA, BKAF, BKAZ are common parts, The mounting dimensions may consult each other.
2. "BK.." means BK, BKA, BKAF, BKAZ, BKAT, BKAB.
3. If the motor provided by the purchaser is G5 ≥ Φ250, please check if normal installation is influenced.

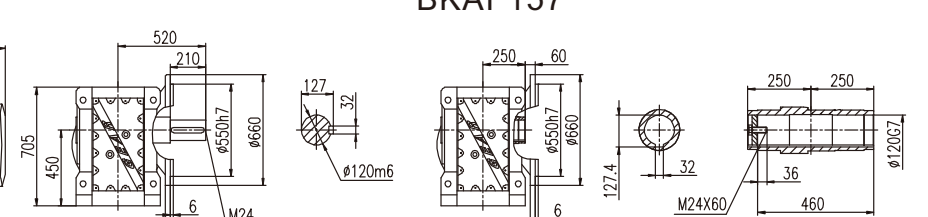
BK157



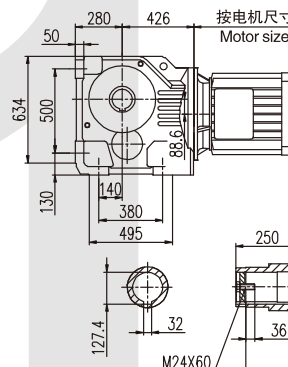
BKF157



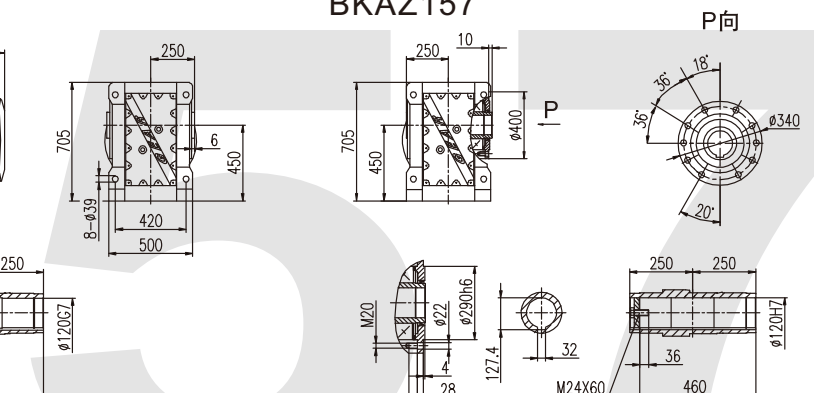
BKAF157



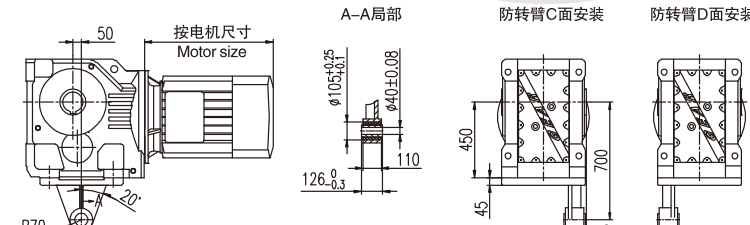
BKA(BKAB)157



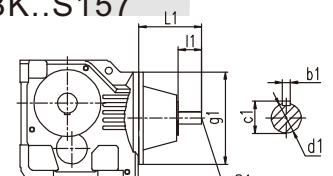
BKAZ157



BKAT157

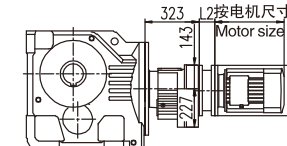


BK..S157



d1	L1	I1	S1	c1	b1	g1
Φ70m6	374	140	M20	74.5	20	Φ550

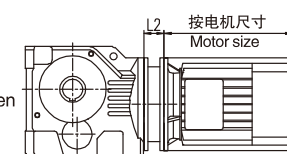
BK..157BR97



Y2电机座号 Motor size	80		90		100		112		132		132	
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3.0	4	5.5	7.5	11	—	
L2	50		50		50		50		92		113	
G5	Φ200		Φ200		Φ250		Φ250		Φ300		Φ350	

BK..157

需方自配电机需加连接法兰
The connected flange is needed when the motor supplied by customer



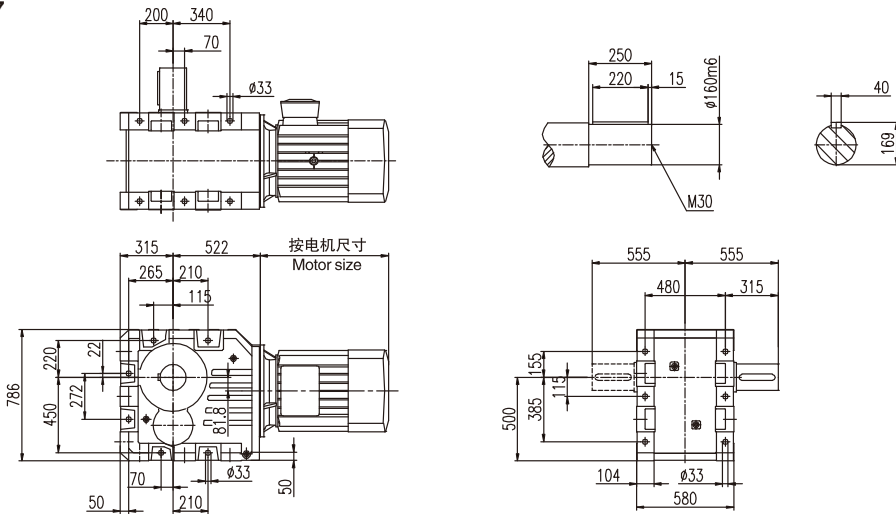
Y2电机座号 Motor size		160		180		200		225		250		280		315	
功率/4P Power/(kw)		11	15	18.5	22	30	37	45	55	75	90	110	132	160	
L2		101		101		111		116		120		120		170	
G5		Φ 350		Φ 350		Φ 400		Φ 450		Φ 550		Φ 550		Φ 660	

注: 1. BKA, BKAF, BKAZ 壳体为通用件, 安装尺寸均可相互参照。
2. "BK.." 表示BK, BKA, BKAF, BKAZ, BKAT, BKAB。
3. 需方自配电机G5 ≥ Φ250时, 是否影响正常安装。

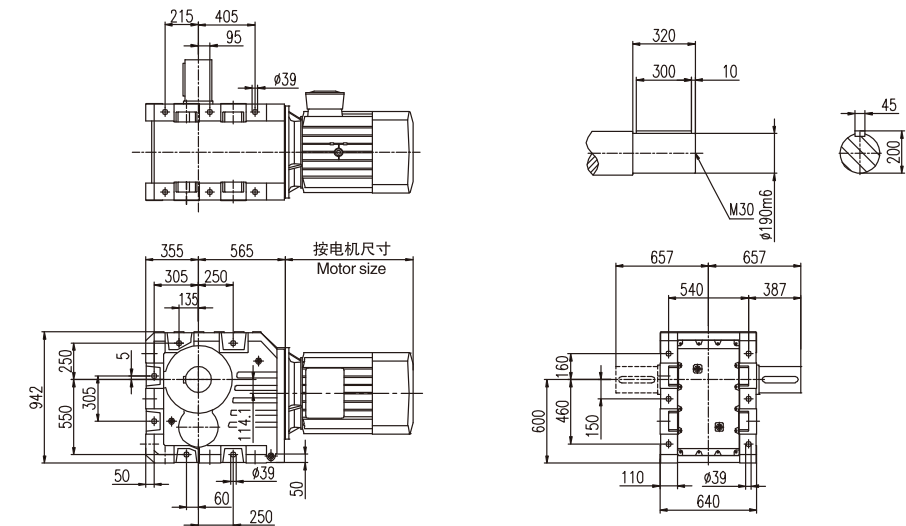
Note: 1. The housings of BKA, BKAF, BKAZ are common parts, The mounting dimensions may consult each other.
2. "BK.." means BK, BKA, BKAF, BKAZ, BKAT, BKAB.
3. If the motor provided by the purchaser is G5 ≥ Φ250, please check if normal installation is influenced.



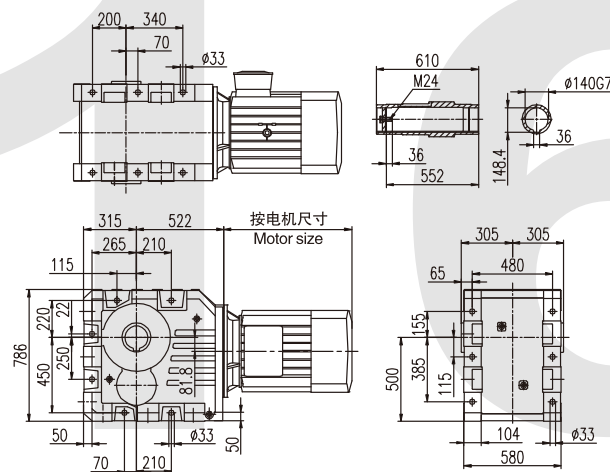
BK167



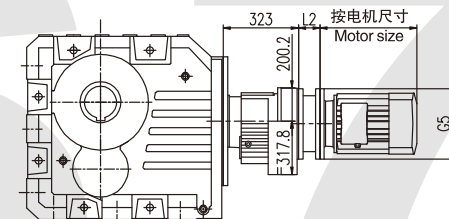
BK187



BKA167

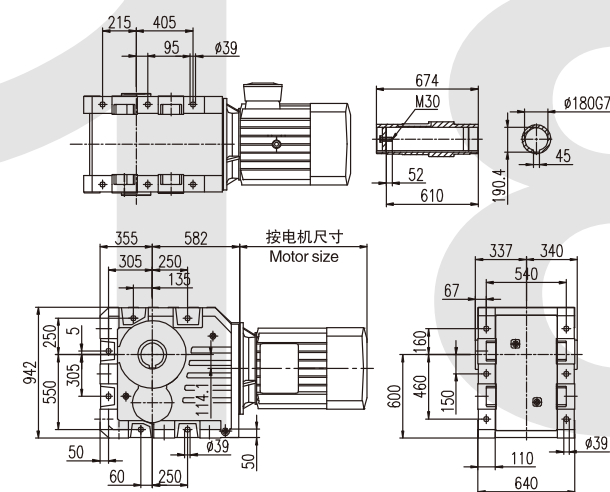


BK167..BR97

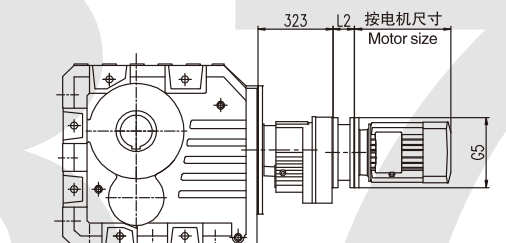


Y2电机座号 Motor size	80		90		100		112	132		160
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11
L2	50		50		50		50	92		113
G5	Φ 200		Φ 200		Φ 200		Φ 250	Φ 300		Φ 350

BKA187



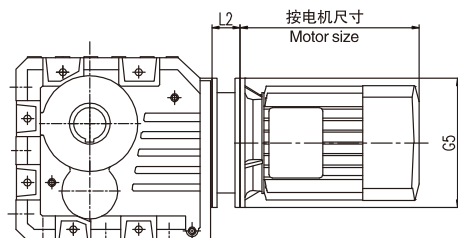
BK187..BR97



Y2电机座号 Motor size	80		90		100		112	132		160
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11
L2	50		50		50		50	92		113
G5	Φ 200		Φ 200		Φ 250		Φ 250	Φ 300		Φ 350

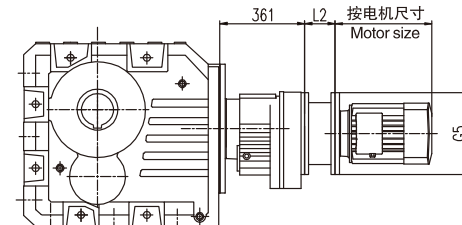
BK..167

需方自配电机需加连接法兰
The connected flange is needed when
the motor supplied by customer



Y2电机座号 Motor size	160		180		200		225		250		280		315	
功率/4P Power/(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160	
L2	101		101		111		116		120		120		170	
G5	Φ 350		Φ 350		Φ 400		Φ 450		Φ 550		Φ 550		Φ 660	

BK..167BR107



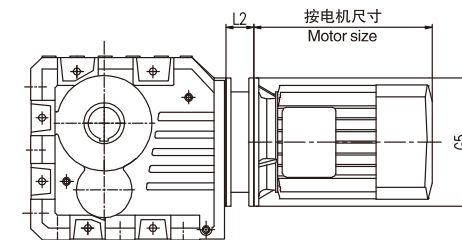
Y2电机座号 Motor size	160		180		200	225	
功率/4P Power/(kw)	11	15	18.5	22	30	37	45
L2	112		112		130	151	
G5	Φ 350		Φ 350		Φ 400	Φ 450	

注：1、BKA、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BKA、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ660时，是否影响正常安装。

Note: 1. The housings of BKA、BKAF、BKAZ are common parts, The moun thing dimen sions may consult each other.
2. “BK..” means BK、BKA、BKAF、BKAZ、BKAT、BKAB.
3. If the motor provided by the purchaser is G5≥Φ660, please check if normal installation is influenced.

BK..187

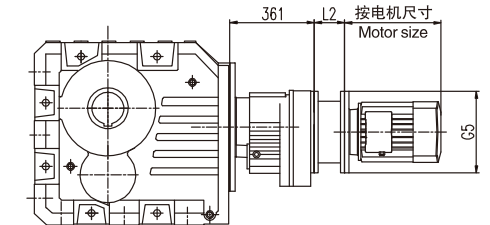
需方自配电机需加连接法兰
The connected flange is needed when
the motor supplied by customer



Y2电机座号 Motor size	180		200		225		250		280		315			
功率/4P Power/(kw)	18.5	22	30	37	45	55	75	90	110	132	160	200		
L2	101		111		116		120		120		170			
G5	Φ 350		Φ 400		Φ 450		Φ 550		Φ 550		Φ 660			

注：1、BKA、BKAF、BKAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BK..”表示BK、BKA、BKAF、BKAZ、BKAT、BKAB。
3、需方自配电机G5≥Φ660时，是否影响正常安装。

BK..187BR107

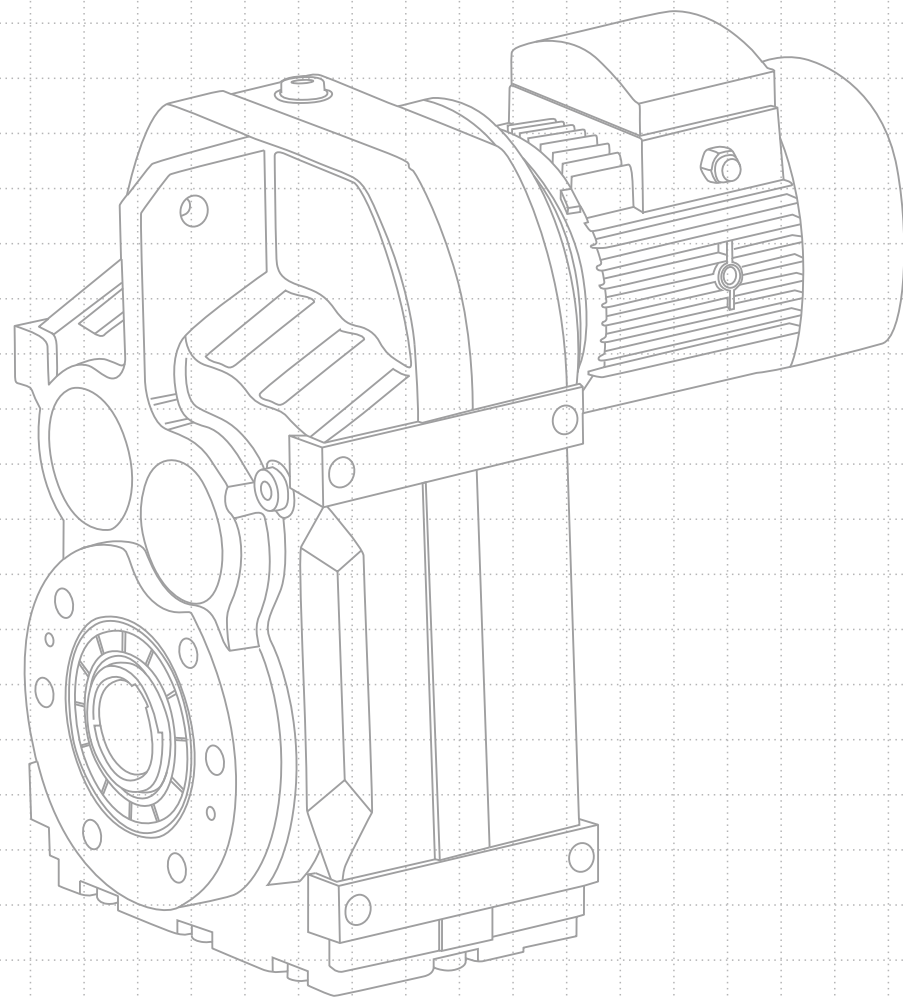


Y2电机座号 Motor size	160		180		200	225	
功率/4P Power/(kw)	11	15	18.5	22	30	37	45
L2	112		112		130	151	
G5	Φ 350		Φ 350		Φ 400	Φ 450	

Note: 1. The housings of BKA、BKAF、BKAZ are common parts, The moun thing dimen sions may consult each other.
2. “BK..” means BK、BKA、BKAF、BKAZ、BKAT、BKAB.
3. If the motor provided by the purchaser is G5≥Φ660, please check if normal installation is influenced.

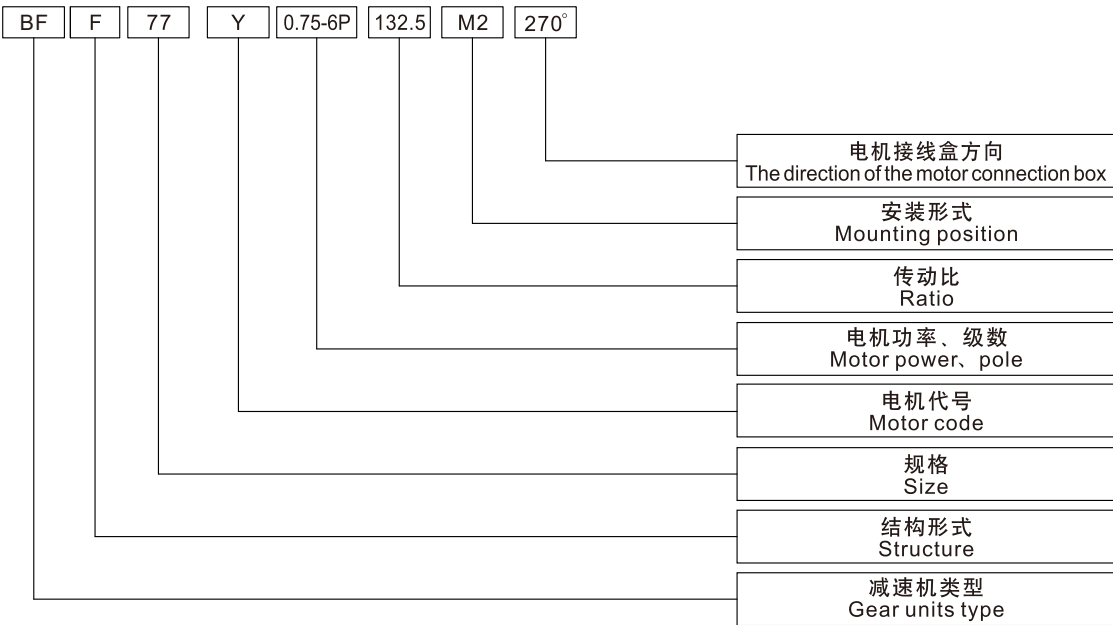
FECO TRANSMISSION

BF系列平行轴斜齿轮减速机
BF Series Parallel shaftHelical Gear Reductor





一、型号说明 Instructions for Models



- 1、减速机类型及结构形式(见页 97)

2、减速机规格(见选型参数表)

3、电机类型代号
- Gear units type and structure (page 97)

Size (see selection table)

Codes for Motor Tyoes:
- | | | | | | |
|--------------------------------------|-------|-----------------------------------|-----------|----------------------------------|-----|
| Y(Y2)系列普通电机
Y(Y2)series motor | Y(Y2) | 防爆电机
Flameproof Motor | YB | 直流电机
Direct Current Motor | Z |
| 制动电机
Brake motor | YEJ | 辊道电机
Roll Motor | YGa(YG B) | 变频电机
Variable Frequency Motor | YVP |
| 变频制动电机
Transduction braking | YVPEJ | 变频辊道电机
Transduction roller way | YGP | 冶金起重
Metallurgy hoisting | YZR |
| 客户自配电机
Motor supplied by customer | ZP | | | | |
- 4、电机功率、极数:(见选型参数表)

5、传动比:(见选型参数表)

6、安装形式:M1、M2、M3、M4、M5、M6(见安装形式图)

7、联接法兰：配标准电机时用直联电机可省略
- Motor power 、 pole: (see selection table)

Ratio: (see selection table)

Mounting position: M1、 M2、 M3、 M4、 M5、 M6(see Mounting position)

Coupling flange: with standard motor,motor straight ellipsis



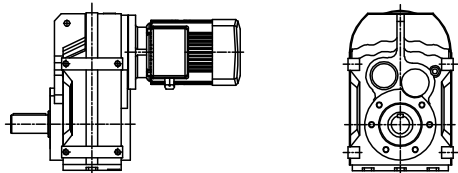
二、结构形式 Mounting type

1.BF 型

底脚安装平行轴斜齿轮减速机。

1.Model BF

Foot-mounted parallel shaft helical gear redactor

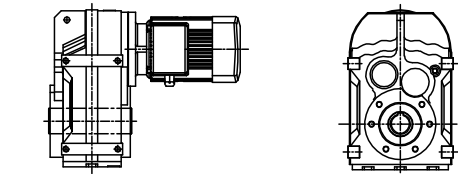


2.BFAB 型

底脚空心轴安装平行轴斜齿轮减速机。

2.Model BFAB

Foot-mounted parallel shaft helical gear redactor with hollow shaft

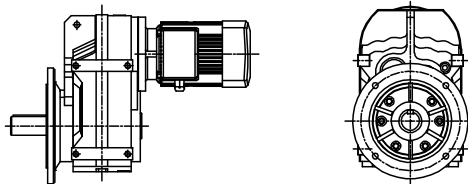


3.BFF 型

B5法兰安装平行轴斜齿轮减速机。

3.Model BFF

Parallel shaft helical gear redactor in B5 flange-mounted version

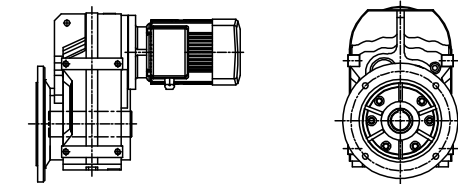


4.BFAF 型

B5法兰空心轴安装平行轴斜齿轮减速机。

4.Model BFAF

Parallel shaft helical gear redactor in B5 flange-mounted version with hollow shaft

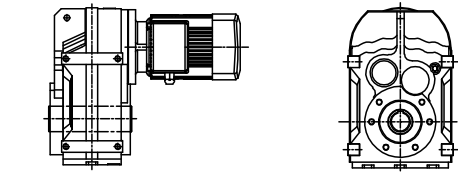


5.BFA 型

空心轴安装平行轴斜齿轮减速机

5.Model BFA

Parallel shaft helical gear redactor with hollow shaft

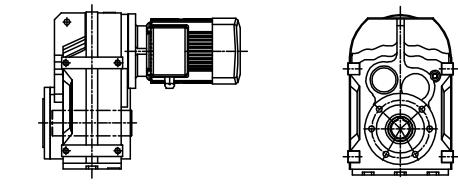


6.BFAZ 型

B14法兰空心轴安装平行轴斜齿轮减速机。

6.Model BFAZ

Parallel shaft helical gear redactor in B14 flange-mounted version with hollow shaft

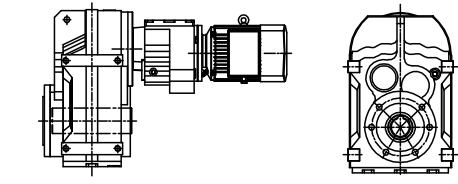


7.BF..BR 型

BF系列与BR..7系列组合减速机

7.Model BF..BR

Combination of BF series redactor and BR..7 series redactor

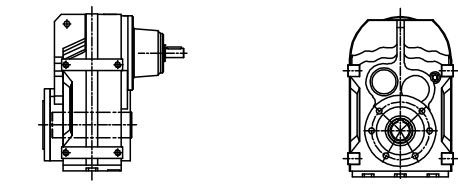


8.BF..S 型

输入轴型，即配输入轴不配电动机的平行轴斜齿轮减速机

8.Model BF..S

Input-shaft style ,in another word, parallel shaft helical gear redactor equipped with input shaft but without the motor



三、润滑油量表 Lubrication table

BF.

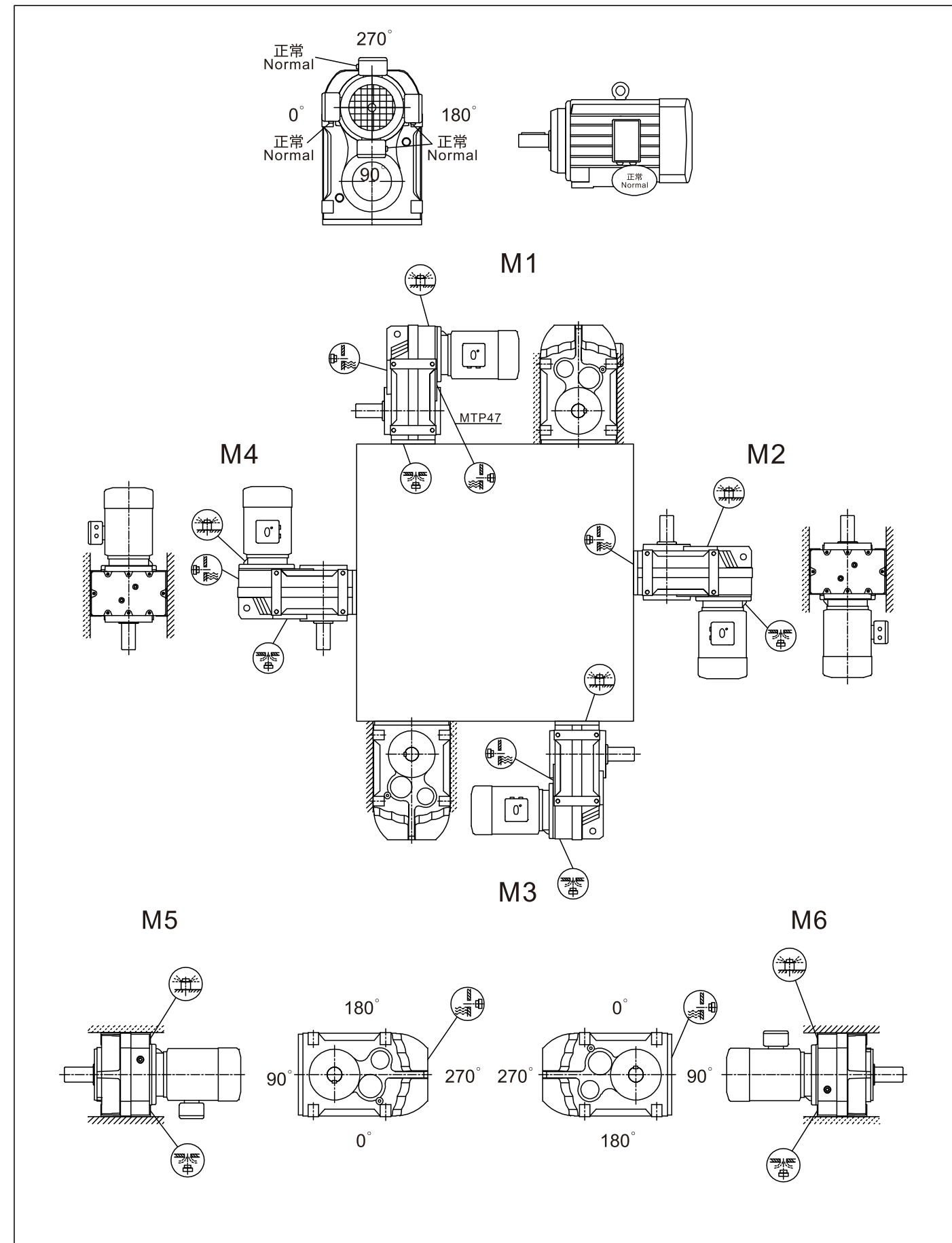
机型号 type	润滑油量（升） Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
BF.37	1	1.2	0.7	1.2	1	1.1
BF.47	1.5	1.8	1.1	1.9	1.5	1.7
BF.57	2.6	3.7	2.1	3.5	2.8	2.9
BF.67	2.7	3.8	1.9	3.8	2.9	3.2
BF.77	5	7.3	4.3	8	6	6.3
BF.87	10	13	7.7	13.8	10.8	11
BF.97	18.5	22.5	12.6	25.2	18.5	20
BF.107	24.5	32	19.5	37.5	27	27
BF.127	40.5	55	34	61	46.5	47
BF.157	69	104	63	105	86	78

BFA.

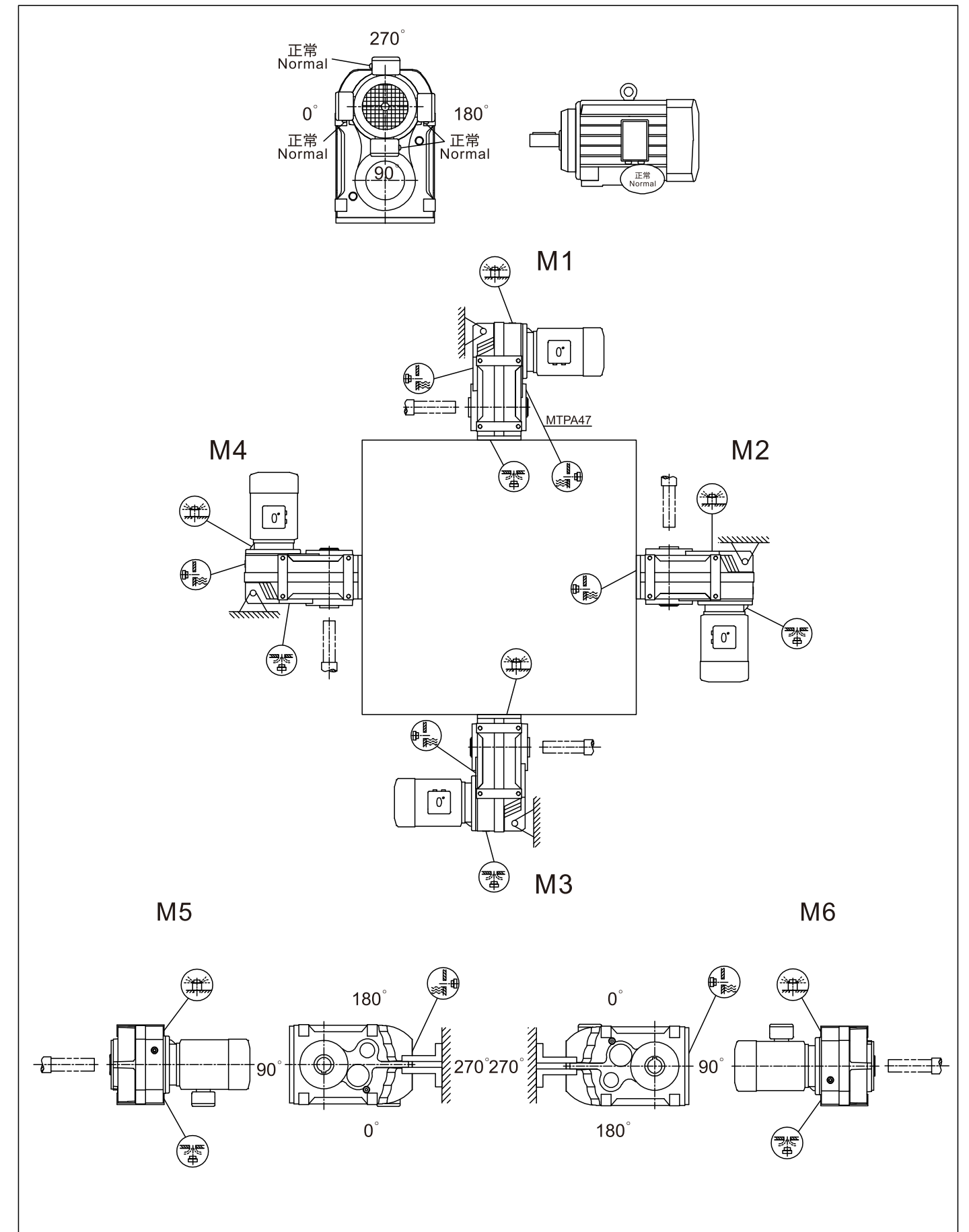
机型号 type	润滑油量（升） Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
BFA.37	1	1.2	0.7	1.2	1	1.1
BFA.47	1.5	1.8	1.1	1.9	1.5	1.7
BFA.57	2.7	3.8	2.1	3.6	2.9	3
BFA.67	2.7	3.8	1.9	3.8	2.9	3.2
BFA.77	5	7.3	4.3	8	6	6.3
BFA.87	10	13	7.7	13.8	10.8	11
BFA.97	18.5	22.5	12.6	25	18.5	20
BFA.107	24.5	32	19.5	37.5	27	27
BFA.127	39	55	34	61	45	46.5
BFA.157	68	103	62	104	85	77



四、BF/BFAB37-157 安装形式图 BF/BFAB37-157 Mounting position example

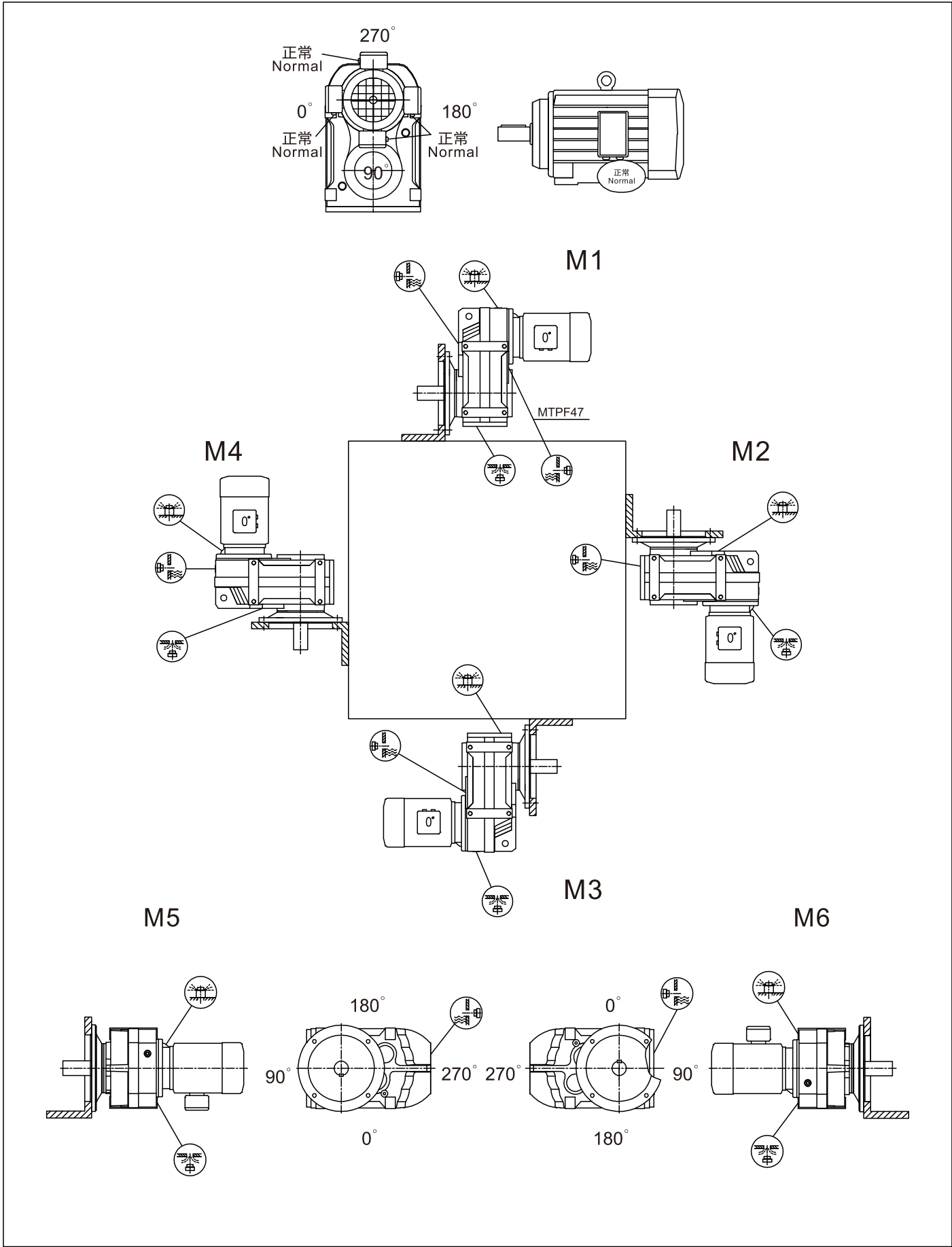


BFA37-157 安装形式图 BFA37-157 Mounting position example





BF/BFAF/BFAZ37-157 安装形式图 BF/BFAF/BFAZ37-157 Mounting position example



五、BF 系列主机重量表 Main machine weight form of BF series

型号Type	BF27	BF37	BF47	BF57	BF67	BF77	BF87	BF97	BF107	BF127	BF157
重量(kg) weight(kg)	10	19	25	29	35	62.5	109	182	259	431	679
型号Type	BFF27	BFF37	BFF47	BFF57	BFF67	BFF77	BFF87	BFF97	BFF107	BFF127	BFF157
重量(kg) weight(kg)	11	21	18	35	41	72.5	124	215	286	476	785
型号Type	BFA27	BFA37	BFA47	BFA57	BFA67	BFA77	BFA87	BFA97	BFA107	BFA127	BFA157
重量(kg) weight(kg)	19	25	26	31.5	55	91	151	247	409	647	1071
型号Type	BFAF27	BFAF37	BFAF47	BFAF57	BFAF67	BFAF77	BFAF87	BFAF97	BFAF107	BFAF127	BFAF157
重量(kg) weight(kg)	11	20	27	34	39	65.5	117	197	263	431	717

六、选型参数表释义 Explanation of Parameter Selection List

		使用系数fb service factor fb						额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55	0.75	
365	3.83				4.42	3.08	2.33	45
310	4.51				4.01	2.80	2.11	48
275	5.09				3.97	2.77	2.09	51
243	5.76				3.46	2.42	1.82	53

		输出扭矩 T (N·M) output torque T (N·M)						输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW)	0.12	0.18	0.25	0.37	0.55	0.75	
365	3.83				9.6	14	18	664
310	4.51				11	16	21	696
275	5.09				13	18	24	712
243	5.76				14	21	27	744

注: 1.名义输出转速统一按照电机转速1400r/min 计算(4极电机)
2.表中标注使用系数的配置均可用于直连,如 电机功率或速比超出使用系数配置范围,则向技术部咨询.
3.如遇到配置相同功率的6级及8级电机,使用系数值 相应按原使用系数的2/3和1/2计算,如:减速机速比3.83,配 0.37KW-6P电机,则使用系数为 $4.42 \times 2/3 = 2.95$;输出扭矩值相应按原输出扭矩值的1.5和2计算,如:减速机速比3.83,配0.37KW-6P电机,则输出扭矩为 $9.6 \times 1.5 = 14.4$.

Note: 1.Nominal output speed unified calculated according to the motor speed of 1400 r/min (4 pole motor)
2.Mark using coefficient of configuration in the table can be used to straight league motor, if motor power or speed ratio exceeds the scope using coefficient of configuration,please consult technical department.
3.If the configuration is the same power but level 6 or 8 motor, use coefficient values according to the corresponding coefficient of the original use of 2/3 or 1/2 computation,such as:reducer ratio With 0.37 kw - 6 p motor, uses coefficient is $4.42 \times 2/3 = 2.95$; Corresponding output torque value is calculated based on 1.5 or 2 original output torque value,such as: reducer ratio of 3.83, and 0.37 KW - 6 p motor,the output torque of $9.6 * 1.5 = 14.4$.

三相异步电机实际转速(参考) Three-phase asynchronous motor actual speed(refer to)			三相异步电机实际转速(参考) Three-phase asynchronous motor actual speed(refer to)		
电机功率(4极) Motor power (4P)	KW	电机转速 Motor speed	电机功率(4极) Motor power (4P)	KW	电机转速 Motor speed
0.12		1310	15		1470
0.18		1310	18.5		1470
0.25		1330	22		1470
0.37		1330	30		1475
0.55		1380	37		1480
0.75		1420	45		1480
1.1		1430	55		1480
1.5		1430	75		1485
2.2		1445	90		1485
3		1445	110		1485
4		1450	132		1485
5.5		1460	160		1485
7.5		1460	200		1485
11		1470			



BF 系列选型参数表:BF37 BF Series Parameter Selection Table:BF37

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	额定输出扭矩 Rated output torque T2N(N · M)
352	3.98									1.81	1.33	105
310	4.51									1.83	1.34	120
278	5.04									1.71	1.25	125
239	5.87									1.52	1.12	130
224	6.24									1.49	1.09	135
193	7.24									1.38	1.01	145
181	7.75								2.00	1.38	1.01	155
173	8.09									1.44	1.06	170
161	8.67						2.75	2.01	1.39	1.02		175
139	10.08						2.50	1.83	1.26	0.93		185
190	10.72							2.35	1.72	1.19		185
113	12.44						3.19	2.19	1.60	1.11		200
101	13.86					3.79	2.86	1.96	1.44	0.99		200
82	17.06					3.08	2.32	1.60	1.17			200
74	18.82					2.79	2.11	1.45	1.06			200
69	20.27					2.59	1.96	1.34	0.99			200
64	21.90				3.44	2.40		1.24				200
61	22.85					2.30	1.74					200
54	25.76				2.92	2.04		1.06				200
48	29.06				2.59	1.81	1.36	0.94				200
43	32.93			3.38	2.29	1.60	1.20					200
40	35.13			3.17	2.14	1.50	1.13					200
35	40.19			2.77	1.87	1.31	0.99					200
32	43.12			2.58	1.75	1.22	0.92					200
31	45.81			2.43	1.64	1.15	0.87					200
28	50.01			2.23	1.51	1.05						200
27	51.67			2.16	1.46	1.02						200
24	58.56		2.60	1.90	1.29	0.90						200
22	62.47		2.44	1.78	1.21							200
19.6	71.46		2.13	1.56	1.05							200
18.3	76.67	2.98	1.99	1.45	0.98							200
15.7	88.92	2.57	1.71	1.25	0.85							200
12.79	109.44	2.09	1.39	1.02								200
11.82	118.40	1.93	1.29	0.94								200
10.9	128.55	1.78	1.19	0.87								200

输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	输出轴径向力 Radial Force of output shaft Fr2(N)
352	3.98									54	74	1827
310	4.51									62	84	1908
278	5.04									69	94	1971
239	5.87									80	109	1971
224	6.24									85	116	2043
193	7.24									99	135	2115
181	7.75								73	106	144	2115
173	8.09									111	151	2115
161	8.67						60	82	119	162		2115
139	10.08						70	95	138	188		2322
131	10.72						74	101	146	200		2322
113	12.44						59	86	117	170		2475
101	13.86					50	66	96	131	189		2547
82	17.06					61	81	118	161			2862
74	18.82					67	89	130	177			3051
69	20.27					73	96	140	191			3150
64	21.90				55	78		151				3150
61	22.85					82	108					3519
54	25.76				64	92		178				3654
48	29.06				73	104	138	201				3654

BF 系列选型参数表:BF37 BF Series Parameter Selection Table:BF37

输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	输出轴径向力 Radial Force of output shaft Fr2(N)
43	32.93			56	82	118	156					3861
40	35.13			59	88	126	167					3861
35	40.19			68	100	144	191					3861
32	43.12			73	108	154	204					3861
31	45.81			77	114	164	217					3861
28	50.01			84	125	179						3861
27	51.67			87	129	185						3861
24	58.56		72	99	146	209						3861
22	62.47		77	105	156							3861
19.6	71.46		88	121	178							3861
18.3	76.67	63	95	129	191							3861
15.7	88.92	73	110	150	222							3861
12.8	109.44	90	135	185								3861
11.8	118.40	97	146	200								3861
10.9	128.55	106	159	217								3861

BF 系列选型参数表:BF47 BF Series Parameter Selection Table:BF47

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	额定输出扭矩 Rated output torque T2N(N · M)
281	4.98									4.42	3.24	320
244	5.75									4.07	2.98	340
221	6.33									3.81	2.79	350
181	7.74									3.38	2.48	380
157	8.92									2.55	1.87	330
147	9.55									2.85	2.09	395
128	10.97									2.51	1.84	400
119	11.78									2.34	1.71	400
111	12.66									2.17	1.59	400
100	13.93								2.87	1.97	1.45	400
94	14.88								2.68	1.85	1.36	400
86	16.36								2.44	1.68	1.23	400
81	17.33								2.30	1.59	1.16	400
71	19.70							2.76	2.03	1.40	1.02	400
64	21.82							2.50	1.83	1.26		400
56	25.03							2.18	1.60	1.10		400
53	26.44							2.06	1.51			400
48	28.88						2.75	1.89	1.38			400
45	31.17						2.54	1.75	1.28			400
41	34.29						2.31	1.59	1.16			400
38	36.61						2.17	1.49	1.09			400
33	42.86					2.45	1.85	1.27	0.93			400
29	48.00					2.19	1.65	1.13				400
25	56.49					1.86	1.40	0.96				400
23	59.79					1.76	1.33					400
21	65.36					1.61	1.21					400
21	68.09				2.21	1.54	1.16					400
17.6	79.72				1.89	1.32	0.99					400
15.7	89.29			2.50	1.69	1.18						400
13.3	105.09			2.12	1.43	1.00						400
12.5	111.99			1.99	1.34							400
11.5	121.57			1.83	1.24							400
10.8	130.07	3.52	2.34	1.71	1.16							400
9.3	150.06	3.05	2.03	1.48	1.00							400
8.6	161.93	2.82	1.88	1.38								400
7.3	190.78	2.40	1.60	1.17								400



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BF系列选型参数表:BF47 BF Series Parameter Selection Table: BF47

输出扭矩 T (N·M) output torque T (N·M)															名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	输出轴径向力 Radial Force of output shaft Fr2(N)
0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5						
									68	93					281	4.98	2115
									79	107					244	5.75	2151
									86	118					221	6.33	2223
									106	144					181	7.74	2277
									122	166					157	8.92	2925
									130	178					147	9.55	2925
									150	204					128	10.97	3096
									161	219					119	11.78	3366
									173	236					111	12.66	3555
								131	190	260					100	13.93	3888
								140	203	277					94	14.88	3888
								154	224	305					86	16.36	4005
								163	237	323					81	17.33	4005
							136	185	269	367					71	19.70	4527
							151	205	298						64	21.82	4527
							173	236	342						56	25.03	5247
							183	249							53	26.44	5247
						137	199	272							48	28.88	5247
						148	215	293							45	31.17	5328
						163	237	323							41	34.29	5328
						174	253	345							38	36.61	5328
					153	203	296	404							33	42.86	5328
					172	228	331								29	48.00	5328
					202	268	390								25	56.49	5328
					214	283									23	59.79	5328
					234	310									21	65.36	5328
				170	244	323									21	68.09	5328
				199	285	378									17.6	79.72	5328
			151	223	319										15.7	89.29	5328
			177	262	376										13.3	105.09	5328
			189	280											12.5	111.99	5328
			205	304											11.5	121.57	5328
		107	160	219	325										10.8	130.07	5328
		123	185	253	375										9.3	150.06	5328
		133	200	273											8.6	161.93	5328
		157	235	322											7.3	190.78	5328

BF系列选型参数表:BF57 BF Series Parameter Selection Table: BF57

使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比 i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	额定输出扭矩 Rated output torque T2N(N · M)
301	4.65											3.35	2.45	410
244	5.73											2.78	2.04	420
227	6.16											2.59	1.89	420
196	7.13											2.24	1.64	420
186	7.53											2.12	1.55	420
181	7.74											2.06	1.51	420
161	8.68											1.84	1.35	420
150	9.31											1.71	1.25	420
130	10.74										2.82	2.12	1.55	600
117	12.01										2.52	1.90	1.39	600
96	14.56										2.08	1.56	1.15	600
91	15.35									2.69	1.97	1.48	1.09	600
82	17.11									2.41	1.77	1.33	0.97	600
76	18.51									2.23	1.63	1.23		600
64	21.78									1.89	1.39	1.05		600
55	25.59							3.06	2.24	1.55	1.13			575

BF系列选型参数表:BF57 BF Series Parameter Selection Table: BF57

使用系数fb service factor fb															名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	额定输出扭矩 Rated output torque T2N(N · M)
0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5						
51	27.28						2.67	1.96	1.35					535			
48	29.09						2.55	1.87	1.29					545			
45	31.06						2.39	1.75	1.21					545			
38	36.37					2.73	1.87	1.37	0.95					500			
34	40.73					2.92	2.01	1.47	1.01					600			
28	50.74				3.11	2.34	1.61	1.18						600			
24	57.78				2.73	2.06	1.41	1.04						600			
23	61.77				2.55	1.93	1.32	0.97						600			
21	67.65			3.34	2.33	1.76	1.21							600			
18.5	75.77			2.98	2.08	1.57	1.08							600			
15.7	89.17			3.75	2.53	1.77	1.33							600			
13.6	103.16			3.24	2.19	1.53	1.15							600			
12.7	110.37	6.21	4.14	3.03	2.05	1.43	1.08							600			
11.0	127.34	5.39	3.59	2.62	1.77	1.24	0.93							600			
9.7	143.81	4.77	3.18	2.32	1.57	1.10								600			
9.1	154.25	4.45	2.96	2.17	1.46	1.02								600			
8.4	165.91	4.13	2.76	2.01	1.36									600			
7.8	179.04	3.83	2.55	1.87	1.26									600			
7.2	193.96	3.54	2.36	1.72	1.16									600			

输出扭矩 T (N·M) output torque T (N·M)															名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	输出轴径向力 Radial Force of output shaft Fr2(N)
0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5						
															301	4.65	3097
															244	5.73	3544
															227	6.16	3648
															196	7.13	3895
															186	7.53	4000
															181	7.74	4095
															161	8.68	4228
															150	9.31	4522
															130	10.74	4104
															117	12.01	4475
															96	14.56	4826
															91	15.35	5178
															82	17.11	5434
															76	18.51	5719
															64	21.78	6033
															55	25.59	6707
															51	27.28	7372
															48	29.09	7372
															45	31.06	7268
															38	36.37	7790
															34	40.73	7790
															28	50.74	7790
															24	57.78	7790
															23	61.77	7790
															21	67.65	7790
															18.5	75.77	7790
															15.7	89.17	7790
															13.6	103.16	7790
															12.7	110.37	7790
															11.0	127.34	7790
															9.7	143.81	7790
															9.1	154.25	7790
															8.4	165.91	7790
															7.8	179.04	7790
															7.2	193.96	7790



BF 系列选型参数表:BF67

BF Series Parameter Selection Table:BF67

使用系数fb service factor fb													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	额定输出扭矩 Rated output torque T2N(N·M)
352	3.98										4.77	3.49	500
287	4.88										4.36	3.19	560
245	5.71										4.05	2.97	610
217	6.45										3.62	2.65	615
192	7.30										3.17	2.32	610
168	8.33										2.60	1.90	570
153	9.12										2.20	1.61	530
137	10.26										3.03	2.22	820
121	11.57										2.69	1.97	820
107	13.11										2.37	1.74	820
94	14.95									2.77	2.08	1.53	820
82	16.98									2.44	1.83	1.34	820
73	19.08								2.96	2.17	1.63	1.19	820
71	19.66								2.87	2.10	1.58	1.16	820
64	21.83								2.58	1.89	1.43	1.04	820
56	24.86						3.29	2.27	1.66	1.25			820
49	28.83						2.84	1.96	1.43	1.08			820
45	30.84						2.65	1.83	1.34				820
42	33.07						2.48	1.71	1.25				820
39	35.60						3.14	2.30	1.58	1.16			820
36	39.18						2.85	2.09	1.44	1.06			820
30	46.01						2.43	1.78	1.23	0.90			820
29	48.73						2.29	1.68	1.16				820
25	55.38						2.02	1.48	1.02				820
23	61.35					2.65	1.82	1.33	0.92				820
19.0	73.53					2.21	1.52	1.11					820
17.0	82.15				2.62	1.98	1.36	1.00					820
16.1	87.00				2.48	1.87	1.28	0.94					820
14.2	98.89					1.64	1.13	0.83					820
12.8	109.54					1.48	1.02						820
11.1	125.97			2.45	1.71	1.29	0.89						820
9.5	147.19		3.10	2.10	1.46	1.10							820
9.0	154.94		2.95	1.99	1.39	1.05							820
7.9	177.19	3.53	2.58	1.74	1.22	0.92							820
6.9	203.77	3.07	2.24	1.51	1.06								820
6.4	218.97	2.85	2.09	1.41									820

输 出 扭 矩 T (N·M) output torque T (N·M)													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	输出轴径向力 Radial Force of output shaft Fr2(N)
352	3.98										99	135	7641
287	4.88										121	165	7965
245	5.71										142	193	8280
217	6.45										160	218	8694
192	7.30										181	247	9090
168	8.33										206	282	9810
153	9.12										226	309	10260
137	10.26										254	347	9270
121	11.57										287	391	9270
107	13.11										325	443	9270
94	14.95									279	370	505	9270
82	16.98									317	421	574	9270
73	19.08								261	356	472	645	9270
71	19.66								269	366	487	665	9270
64	21.83								298	407	541	738	9270
56	24.86						234	340	463	616			9270
49	28.83						271	394	537	714			9270
45	30.84						290	422	575				9270

BF 系列选型参数表:BF67

BF Series Parameter Selection Table:BF67

输 出 扭 矩 T (N·M) output torque T (N·M)													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	输出轴径向力 Radial Force of output shaft Fr2(N)
42	33.07												9270
39	35.60												9270
36	39.18												9270
30	46.01												9270
29	48.73												9270
25	55.38												9270
23	61.35					291	424	578	838				9270
19.0	73.53					349	508	692					9270
17.0	82.15				294	390	567	774					9270
16.1	87.00				311	413	601	819					9270
14.2	98.89					469	683	931					9270
12.8	109.54					519	756						9270
11.1	125.97			315	451	597	870						9270
9.5	147.19		248	368	527	698							9270
9.0	154.94		261	387	554	735							9270
7.9	177.19	219	299	443	634	840							9270
6.9	203.77	251	344	509	729								9270
6.4	218.97	270	369	547									9270

BF 系列选型参数表:BF77

BF Series Parameter Selection Table:BF77

使用系数fb service factor fb													
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比i ratio i	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	额定输出扭矩 Rated output torque T2N(N · M)
326	4.29										4.79	3.29	1010
270	5.18										4.25	2.92	1080
242	5.78										3.81	2.61	1080
210	6.66										3.31	2.27	1080
189	7.41										2.97	2.04	1080
169	8.29										2.66	1.82	1080
143	9.81										2.24	1.54	1080
125	11.17										2.74	1.88	1500
111	12.61									3.31	2.42	1.66	1500
99	14.08									2.96	2.17	1.49	1500
86	16.23									2.57	1.88	1.29	1500
78	18.05									2.31	1.69	1.16	1500
69	20.18								2.82	2.07	1.51	1.04	1500
63	22.23							3.40	2.56	1.88	1.38		1500
54	26.15						3.94	2.89	2.18	1.59	1.17		1500
48	29.42						3.34	2.45	1.84				1430
42	33.18						2.86	2.10	1.58				1380
39	36.35						2.10	1.54	1.16				1110
48	29.46					5.08			1.93	1.42	1.04		1500
41	34.51					4.34			1.65	1.21	0.89		1500
36	38.93					3.85		1.94	1.46	1.07			1500
32	44.11					3.39	2.34	1.72	1.29	0.95			1500
28	50.28					2.98	2.05	1.50	1.13	0.83			1500
25	55.81					2.68	1.85	1.36	1.02				1500
23	60.52					2.47	1.70	1.25	0.94				1500
21	67.29					2.23	1.53	1.12	0.85				1500
18.3	76.39				2.67	1.96	1.35	0.99					1500
16.2	86.56				2.36	1.73	1.19	0.87					1500
14.2	98.68		3.99		2.07	1.52	1.05						1500
12.8	109.53		3.60	2.72	1.86	1.37	0.94						1500
11.8	118.77		3.32	2.50	1.72	1.26	0.87						1500
10.6	132.05		2.98	2.25	1.55	1.13							1500
9.3	150.49		2.62	1.98	1.36	1.00							1500
8.5	164.15		2.40	1.81	1.24	0.91							1500



BF 系列选型参数表:BF77

BF Series Parameter Selection Table:BF77

使用系数fb service factor fb													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	额定输出扭矩 Rated output torque T2N(N · M)
7.3	192.08	2.94	2.05	1.55	1.06								1500
6.8	205.09	2.75	1.92	1.45	1.00								1500
6.1	228.82	2.47	1.72	1.30									1500
5.4	260.52	2.17											1500
5.0	281.88	2.00											1500

BF 系列选型参数表:BF77

BF Series Parameter Selection Table:BF77

输 出 扭 矩 T (N·M) output torque T (N·M)													
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	输出轴径向力 Radial Force of output shaft Fr2(N)
326	4.29										198	288	
270	5.18										239	348	10170
242	5.78										267	388	10170
210	6.66										307	447	10800
189	7.41										342	498	11250
169	8.29										382	557	11790
143	9.81										452	659	12420
125	11.17										515	750	13410
111	12.61									426	582	847	14130
99	14.08									476	649	946	14130
86	16.23									549	748	1090	14130
78	18.05									610	832	1212	14130
69	20.18							500	683	931	1356		14130
63	22.23						414	551	752	1025			14130
54	26.15					357	487	648	884	1206			14130
48	29.42					402	548	729					14130
42	33.18					453	618	822					14130
39	36.35					497	678	900					14130
48	29.46				277			730	996	1359			14130
41	34.51				325			855	1167	1591			14130
36	38.93				367	532	725	964	1316				14130
32	44.11				415	603	822	1092	1492				14130
28	50.28				473	687	937	1245	1700				14130
25	55.81				526	763	1040	1382					14130
23	60.52				570	827	1128	1499					14130
21	67.29				634	920	1254	1666					14130
18.3	76.39			527	719	1044	1424						14130
16.2	86.56			598	815	1183	1613						14130
14.2	98.68		353	681	929	1349							14130
12.8	109.53		392	756	1031	1497							14130
11.8	118.77		425	820	1118	1623							14130
10.6	132.05		472	912	1243								14130
9.3	150.49		538	1039	1417								14130
8.5	164.15		587	1134	1546								14130
7.3	192.08	480	687	911	1326								14130
6.8	205.09	512	734	972	1416								14130
6.1	228.82	571	819	1085									14130
5.4	260.52	651											14130
5.0	281.88	704											14130

BF 系列选型参数表:BF87

BF Series Parameter Selection Table:BF87

使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	额定输出扭矩 Rated output torque T2N(N · M)
335	4.18										3.62	2.94	2.47	1460
280	5.00										3.17	2.57	2.16	1530
245	5.72										2.77	2.25	1.89	1530
207	6.75										2.35	1.91	1.60	1530
187	7.47										2.12	1.72	1.45	1530
166	8.42										1.88	1.53	1.28	1530
129	10.83										2.84	2.30	1.93	2960
113	12.39									3.42	2.51	2.04	1.71	3000
96	14.62								3.82	2.90	2.13	1.73	1.45	3000
87	16.17								3.39	2.62	1.92	1.56	1.31	3000
77	18.24								3.07	2.33	1.71	1.38	1.16	3000
70	20.14								2.76	2.11	1.54	1.25	1.05	3000
63	22.37							3.09	2.39	1.90	1.39	1.13	0.95	3000
54	25.86							2.47	1.91	1.40	1.03			2560
256	27.58							2.05	1.59	1.31	0.96			2560
42	33.25							2.09	1.62	1.11				2610
38	37.13							1.91	1.48	1.13				2660
2	42.78				4.58		2.53	1.76	1.36	0.93				2820
29	47.58				4.12	3.02	2.27	1.58	1.22					2820
26	53.67				3.81	2.79	2.10	1.46	1.13					2940
22	64.70				3.22	2.36	1.78	1.24						3000
19.4	72.25				2.89	2.12	1.59	1.11						3000
16.8	83.24				2.51	1.84	1.38	0.96						3000
15.1	92.59			3.27	2.25	1.65	1.24							3000
13.5	103.55			2.92	2.01	1.48	1.11							3000
12.0	116.61			2.60	1.79	1.31								3000
11.0	126.89		3.25	2.39	1.64	1.21								3000
9.3	150.96		2.73	2.00	1.38									3000
8.2	170.21		2.42	1.78	1.23									3000
7.5	186.51		2.21	1.62	1.12									3000
6.5	216.52	2.78	1.91	1.40										3000
5.8	240.15	2.50	1.72	1.26										3000
5.5	252.84	2.38	1.63	1.20										3000
5.2	266.75	2.25	1.55	1.13										3000

输 出 扭 矩 T (N·M) output torque T (N·M)														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	输出轴径向力 Radial Force of output shaft Fr2(N)
335	4.18										383	472	562	5382
280	5.00										458	565	672	6318
245	5.72										524	647	769	6318
207	6.75										618	763	907	7011
187	7.47										684	844	1004	7452
166	8.42										772	952	1132	8001
129	10.83										992	1223	1454	4770
113	12.39									833	1135	1400	1665	5310
96	14.62								674	982	1340	1652	1965	6651
87	16.17								746	1087	1482	1827	2173	7236
77	18.24								841	1225	1671	2061	2450	7956
70	20.14								929	1353	1845	2275	2706	7956
63	22.37							757	1032	1503	2049	2528	3006	9990
54	25.86							922	1192	1737	2369			12510
51	27.58							983	1272	1853	2527			12510
42	33.25							1185	1533	2233	3045			13140
42	33.25							1185	1533	2233				13140
38	37.13							1323	1712	2494				13860
33	42.78				585		1059	1525	1973	2874				14220
29	47.58				650	887	1178	1696	2194					14850



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BF 系列选型参数表:BF87 BF Series Parameter Selection Table:BF87

输 出 扭 矩 T (N•M) output torque T (N•M)														输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	
26	53.67				734	1000	1329	1913	2475					15930
22	64.70				884	1206	1602	2306						17640
19.4	72.25				988	1347	1789	2575						17640
16.8	83.24				1138	1551	2061	2967						17640
15.1	92.59			872	1265	1726	2293							17640
13.5	103.55			975	1415	1930	2564							17640
12.0	116.61			1098	1594	2173								17640
11.0	126.89		876	1195	1734	2365								17640
9.3	150.96		1042	1421	2063									17640
8.2	170.21		1175	1603	2326									17640
7.5	186.51		1288	1756	2549									17640
6.5	216.52	1027	1495	2039										17640
5.8	240.15	1139	1658	2261										17640
5.5	252.84	1199	1746	2381										17640
5.2	266.75	1265	1842	2512										17640

BF 系列选型参数表:BF97 BF Series Parameter Selection Table:BF97

使用系数fb service factor fb														额定输出扭矩 Rated output torque T2N(N • M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	1.1	1.5	2.2	3	4	5.5	7.5		15	18.5	22	30	
307	4.56												2.34	2050
269	5.21												2.15	2150
228	6.14												1.91	2250
199	7.04												1.74	2360
171	8.19												1.50	2360
158	8.86												1.39	2360
155	9.03												1.36	2360
138	10.14								2.41				1.21	2360
117	11.95								3.56	2.88	2.43	1.78	1.78	4100
102	13.70								3.26	2.64	2.22	1.63	1.63	4300
88	15.93								2.80	2.27	1.91	1.40	1.40	4300
80	17.56								2.54	2.06	1.73	1.27	1.27	4300
71	19.65								2.27	1.84	1.55	1.14	1.14	4300
65	21.66								2.06	1.67	1.40	1.03	1.03	4300
58	24.13							2.52	1.85	1.50	1.26			4300
54	25.81							3.43	2.36	1.73	1.40			4300
52	26.88								2.26	1.66	1.35	1.13		4300
48	28.91							3.06	2.10	1.54	1.25			4300
45	30.85							2.87	1.97	1.45	1.17			4300
40	35.32							2.51	1.72	1.26	1.02			4300
34	41.68							2.13	1.46	1.07				4300
30	46.10							1.92	1.32	0.97				4300
27	51.98						2.32	1.70	1.17					4300
24	57.40						2.10	1.54	1.06					4300
23	60.05						2.01	1.48	1.01					4300
22	63.77					2.59	1.89	1.39	0.95					4300
20	68.75					2.40	1.76	1.29						4300
20	71.34					2.31	1.69	1.24						4300
18.1	77.48					2.13	1.56	1.14						4300
17.3	81.12					2.03	1.49	1.09						4300
15.6	89.72				2.44	1.84	1.35	0.99						4300
13.8	101.17				2.17	1.63	1.19	0.88						4300
12.5	111.72				1.96	1.48	1.08							4300
11.3	124.11			2.41	1.77	1.33	0.97							4300
10.1	138.85			2.15	1.58	1.19								4300
9.3	150.79			1.98	1.45	1.09								4300
7.9	177.76		2.44	1.68	1.23	0.93								4300



BF 系列选型参数表:BF97 BF Series Parameter Selection Table:BF97

		使用系数fb service factor fb												额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	1.1	1.5	2.2	3	4	5.5	7.5		15	18.5	22	30	
7.0	201.21		2.16	1.49	1.09									4300
6.4	219.76	2.69	1.97	1.36	1.00									4300
5.6	248.24	2.38	1.75	1.20										4300
5.2	271.13	2.18	1.60	1.10										4300

		输 出 扭 矩 T (N·M) output torque T (N·M)												输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30	
307	4.56												832	9540
269	5.21												952	10080
228	6.14												1122	10080
199	7.04												1285	10530
171	8.19												1495	11520
158	8.86												1618	12240
155	9.03												1648	12240
138	10.14									929			1851	12240
117	11.95									1095	1350	1606	2183	9450
102	13.70									1254	1547	1840	2500	9900
88	15.93									1459	1800	2141	2909	11880
80	17.56									1608	1984	2359	3206	13140
71	19.65									1800	2220	2640	3588	13500
65	21.66									1984	2447	2910	3955	15120
58	24.13								1621	2211	2726	3242		16110
54	25.81							1190	1733	2364	2915			16110
52	26.88								1806	2462	3037	3611		16110
48	28.91							1333	1942	2648	3266			16110
45	30.85							1423	2073	2826	3486			18270
40	35.32							1629	2373	3236	3991			23400
34	41.68							1922	2800	3818	4709			21240
30	46.10							2126	3097	4223				23220
27	51.98						1758	2397	3492					23220
24	57.40						1941	2647	3856					26100
23	60.05						2031	2769	4034					24100
22	63.77					1579	2156	2941	4283					26910
20	68.75					1703	2325	3170						26910
20	71.34					1767	2413	3290						26910
18.1	77.48					1919	2620	3573						26910
17.3	81.12					2009	2743	3741						26910
15.6	89.72				1672	2222	3034	4137						26910
13.8	101.17				1886	2505	3421	4666						26910
12.5	111.72				2082	2767	3778							26910
11.3	124.11			1696	2313	3073	4197							26910
10.1	138.85			1898	2588	3438								26910
9.3	150.79			2061	2810	3734								26910
7.9	177.76		1674	2430	3313	4402								26910
7.0	201.21		1895	2750	3750									26910
6.4	219.76	1518	2069	3004	4096									26910
5.6	248.24	1714	2338	3393										26910
5.2	271.13	1872	2553	3706										26910



BF 系列选型参数表:BF107 BF Series Parameter Selection Table:BF107

使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45	额定输出扭矩 Rated output torque T2N(N · M)
239	5.87											3.32	2.73	4600
200	6.98											2.79	2.29	4600
177	7.90											2.47	2.03	4600
176	7.97											2.44	2.01	4600
153	9.14											2.27	1.87	4910
142	9.87										3.43	2.79	2.29	6500
119	11.74										3.10	2.52	2.07	7000
105	13.28										2.74	2.23	1.83	7000
91	15.38										2.60	2.11	1.74	7680
80	17.43									3.18	2.34	1.90	1.57	7840
70	20.13						5.51	4.04	3.27	2.75	2.03	1.65	1.36	7840
63	22.08						5.02	3.68	2.99	2.51	1.85	1.50	1.24	7840
55	25.47						4.35		2.59	2.18				7840
51	27.57						4.02	2.95	2.39	2.01	1.48	1.20	0.99	7840
46	30.12						3.61	2.64	2.14	1.80	1.33			7680
41	34.46						3.15	2.31	1.87	1.58	1.16			7680
34	40.63						2.67	1.96	1.59	1.34	0.98			7680
30	46.54						2.33	1.71	1.39	1.17				7680
26	54.15						2.01	1.47	1.19	1.00				7680
23	59.67						1.82	1.33	1.08	0.91				7680
21	67.26					2.35	1.61	1.18	0.96					7680
20	70.52					2.24	1.54	1.13	0.92					7680
18.9	74.05					2.14	1.47	1.08						7680
17.2	81.18				2.66	1.95	1.34	0.98						7680
14.8	94.45				2.28	1.68	1.15							7680
13.5	104.08			2.83	2.07	1.52	1.04							7680
11.9	117.31			2.51	1.84	1.35	0.93							7680
10.8	129.15			2.28	1.67	1.23								7680
9.8	143.05			2.06	1.51	1.11								7680
8.8	159.61		2.45	1.85	1.35	0.99								7680
8.1	172.47	3.10	2.27	1.71	1.25	0.92								7680
7.8	178.64	2.99	2.19	1.65	1.21									7680
7.0	199.31	2.68	1.96	1.48	1.08									7680
6.5	215.37	2.48	1.82	1.37	1.00									7680
5.5	254.40	2.10	1.54	1.16										7680

输 出 扭 矩 T (N·M) output torque T (N·M)														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45	输出轴径向力 Radial Force of output shaft Fr2(N)
239	5.87											1317	1602	15300
200	6.98											1567	1906	20880
177	7.90											1772	2155	21600
176	7.97											1789	2176	21600
153	9.14											2052	2496	22500
142	9.87										1802	2215	2694	22500
119	11.74										2144	2636	3206	21870
105	13.28										2424	2980	3624	22050
91	15.38										2807	3451	4197	22700
80	17.43									2341	3182	3911	4756	25290
70	20.13						1352	1844	2275	2705	3676	4519	5496	27000
63	22.08						1483	2022	2494	2966	4031	4955	6026	28980
55	25.47						1711		2877	3421				30330
51	27.57						1852	2525	3115	3704	5034	6187	7525	30330
46	30.12						2023	2759	3403	4046	5499			34470
41	34.46						2315	3156	3893	4630	6292			34470
34	40.63						2729	3721	4590	5458	7418			37800
30	46.54						3127	4263	5258	6253				39150
26	54.15						3637	4960	6118	7275				41850

BF 系列选型参数表:BF107 BF Series Parameter Selection Table:BF107

输 出 扭 矩 T (N·M) output torque T (N·M)														
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	2.2	3	4	5.5	7.5	11	15	18.5	22	30	37	45	输出轴径向力 Radial Force of output shaft Fr2(N)
23	59.67						4008	5466	6741	8017				43020
21	67.26					3101	4518	6161	7598					44820
20	70.52					3252	4737	6460	7967					44820
18.9	74.05					3415	4974	6783						44820
17.2	81.18				2745	3744	5453	7436						44820
14.8	94.45				3194	4355	6344	8651						44820
13.5	104.08			2577	3520	4799	6991							44820
11.9	117.31			2905	3967	5410	7880							44820
10.8	129.15			3198	4368	5956								44820
9.8	143.05			3543	4838	6597								44820
8.8	159.61		2975	3953	5398	7360								44820
8.1	172.47	2357	3214	4271	5832	7953								44820
7.8	178.64	2442	3329	4424	6041									44820
7.0	199.31	2724	3715	4936	6740									44820
6.5	215.37	2944	4014	5334	7283									44820
5.5	254.40	3477	4741	6300										44820

BF 系列选型参数表:BF127 BF Series Parameter Selection Table:BF127

使用系数fb service factor fb														
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比 i ratio i	7.5	11	15	18.5	22	30	37	45	55	75	90	额定输出扭矩 Rated output torque T2N(N · M)	
299	4.69								4.46	3.65	2.68	2.24	6000	
253	5.53								3.78	3.09	2.27	1.90	6000	
206	6.80								3.58	2.93	2.16	1.80	7000	
177	7.89							3.22	2.65	2.17	1.59	1.33	6000	
158	8.87							3.34	2.75	2.25	1.65	1.38	7000	
136	10.32							3.90	3.20	2.62	1.93	1.61	9500	
110	12.70							3.33	2.74	2.24	1.65	1.38	10000	
95	14.73							3.16	2.60	2.13	1.56	1.30	11000	
85	16.56							2.81	2.31	1.89	1.39	1.16	11000	
73	19.10						3.00	2.44	2.00	1.64	1.21	1.01	11000	
65	21.64						2.88	2.35	1.93	1.58	1.16	0.97	12000	
56	24.87						1.78	1.45	1.19				8500	
51	27.20						1.63	1.32	1.09				8500	
55	25.62						2.44	1.98	1.63	1.33	0.98		12000	
44	31.72						1.97	1.60	1.32	1.08			12000	
37	37.74						1.65	1.35	1.11				12000	
33	42.67					1.99	1.46	1.19	0.98				12000	
28	49.40				2.04	1.72	1.26	1.03					12000	
25	55.99				1.80	1.52	1.12						12000	
22	64.70				1.56	1.31	0.97						12000	
20	70.94			1.75	1.42	1.20							12000	
18.3	76.34		2.22	1.63	1.32	1.11							12000	
15.8	88.39		1.92	1.41	1.14	0.96							12000	
14.0	100.18		1.69	1.24	1.01								12000	
12.1	115.75		1.47	1.08									12000	
11.0	126.92	1.95	1.34	0.98									12000	
9.0	155.57	1.59	1.09										12000	
8.1	172.94	1.43	0.98										12000	

输 出 扭 矩 T (N·M) output torque T (N·M)													
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比 i ratio i	7.5	11	15	18.5	22	30	37	45	55	75	90	输出轴径向力 Radial Force of output shaft Fr2(N)
299	4.69								1279	1564	2125	2550	28530
253	5.53								1508	1844	2506	3007	28800
206	6.80								1857	2269	3084	3701	28980
177	7.89							1771	2154	2633	3578	4293	32760



BF系列选型参数表:BF127 BF Series Parameter Selection Table:BF127

		输出扭矩 T (N·M) output torque T (N·M)											输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	7.5	11	15	18.5	22	30	37	45	55	75	90	
158	8.87							1991	2421	2959	4021	4826	31500
136	10.32							2315	2816	3442	4678	5613	30600
110	12.70							2850	3466	4236	5757	6909	32760
95	14.73							3306	4021	4915	6679	8015	33840
85	16.56							3716	4520	5524	7507	9009	36000
73	19.10						3487	4286	5213	6372	8659	10391	37800
65	21.64						3952	4857	5907	7220	9813	11775	37800
56	24.87						4541	5582	6789				42750
51	27.20						4966	6104	7424				42750
55	25.62						4677	5749	6992	8546	11614	13937	42750
44	31.72						5791	7118	8657	10581			47340
37	37.74						6891	8470	10301	12590			49320
33	42.67					5732	7790	9576	11646				52110
28	49.40				5582	6638	9020	11088	13485				58770
25	55.99				6326	7523	10223	12566	15283				60660
22	64.70				7309	8692	11813						63450
20	70.94			6498	8015	9531	12952						63450
18.3	76.34		5128	6993	8624	10256	13938						63450
15.8	88.39		5938	8097	9986	11876							63450
14.0	100.18		6729	9177	11318	13459							63450
12.1	115.75		7776	10603	13077								63450
11.0	126.92	5853	8526	11626									63450
9.0	155.57	7174	10450										63450
8.1	172.94	7975	11617										63450

BF系列选型参数表:BF157 BF Series Parameter Selection Table:BF157

		使用系数fb service factor fb											额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	11	15	18.5	22	30	37	45	55	75	90	110	
159	8.80									3.81	3.17	2.60	16000
136	10.31									3.25	2.71	2.22	16000
113	12.44									2.69	2.25	1.84	16000
96	14.60									2.44	2.03	1.66	17000
86	16.20								3.16	2.33	1.94	1.59	18000
74	19.01								2.55	1.87	1.56	1.28	17000
69	20.33								2.38	1.75	1.46	1.19	17000
66	21.31								2.27	1.67	1.39	1.14	17000
58	23.97							2.61		1.57	1.31	1.07	18000
53	26.17								1.96	1.44	1.20		18000
47	29.49						2.58	2.12	1.74	1.28	1.07	0.87	18000
43	32.35								1.58				18000
41	34.22				3.72	2.74	2.23	1.83	1.50	1.10	0.92		18000
36	38.46				3.31	2.44	1.98	1.63	1.33	0.98			18000
32	44.35				2.87	2.11	1.72	1.41	1.16				18000
28	50.27			3.01	2.53	1.86	1.52	1.25	1.02				18000
24	57.39		3.25	2.64	2.22	1.63	1.33	1.09	0.89				18000
23	61.44	4.14	3.04	2.46	2.07	1.52	1.24	1.02					18000
20	71.28	3.57	2.62	2.12	1.79	1.31	1.07						18000
17.5	80.12	3.18	2.33	1.89	1.59	1.17	0.95						18000
15.1	92.41	2.75	2.02	1.64	1.38	1.01							18000
13.4	104.72	2.43	1.78	1.45	1.22								18000
11.6	120.34	2.12	1.55	1.26	1.06								18000
10.6	131.59	1.93	1.42	1.15	0.97								18000
8.7	160.70	1.58	1.16	0.94									18000
7.0	199.90	1.27	0.93										18000
6.7	209.25	1.22	0.89										18000
5.4	257.14	0.99											18000

BF系列选型参数表:BF157 BF Series Parameter Selection Table:BF157

		输出扭矩 T (N·M) output torque T (N·M)											输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 i ratio i	11	15	18.5	22	30	37	45	55	75	90	110	
159	8.80									3990	4788	5852	31450
136	10.31									4675	5610	6857	33150
113	12.44									5642	6771	8275	37350
96	14.60									6619	7943	9708	40410
86	16.20								5406	7346	8816	10775	42300
74	19.01								6342	8619	10343	12641	45810
69	20.33								6782	9217	11061	13519	45900
66	21.31								7108	9660	11592	14168	45900
58	23.97						5379	6543		10868	13041	15939	55350
53	26.17								8730	11865	14238		54720
47	29.49						6618	8049	9838	13370	16044	19610	54720
43	32.35								10792				71370
41	34.22				4597	6248	7680	9340	11416	15515	18618		71370
36	38.46				5167	7022	8631	10498	12830	17437			74070
32	44.35				5958	8098	9953	12105	14795				79020
28	50.27			5679	6754	9178	11282	13721	16770				88470
24	57.39		5257	6484	7711	10479	12881	15666	19147				74250
23	61.44	4127	5628	6941	8254	11218	13789	16770					74250
20	71.28	4788	6529	8053	9576	13015	15997	19456					78300
17.5	80.12	5382	7339	9051	10764	14628	17980						78300
15.1	92.41	6208	8465	10440	12415	16873	20739						78300
13.4	104.72	7034	9592	11830	14069								78300
11.6	120.34	8084	11024	13596	16168								78300
10.6	131.59	8840	12054	14867	17680								78300
8.7	160.70	10795	14721	18156									78300
7.0	199.90	13429	18312										78300
6.7	209.25	14056	19168										78300
5.4	257.14	17274											78300



BF组合参数表 BF Combined parameters table

		使用系数fb service factor fb						
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW
4.3	322	BF37BR17	0.95					
5.0	278	BFF37BR17	1.10					
5.8	242	BFA37BR17	1.30					
6.3	221	BFAF37BR17	1.35					
2.3	622	BF47BR17 BFF47BR17 BFA47BR17 BFAF47BR17	0.95					
2.6	543		1.10					
2.9	475		1.25					
3.3	419		1.45					
3.8	370			1.00				
4.3	324			1.10				
4.9	288			1.25				
5.6	249			1.50	1.00			
6.4	218				1.15			
7.3	193				1.30			
8.0	175	BF57BR37 BFF57BR37 BFA57BR37 BFAF57BR37			1.45	1.00		
9.5	147					1.20		
11	130					1.35		
1.4	967		0.90					
1.6	851		1.05					
1.9	738		1.20					
2.2	646		1.40					
2.5	558		1.60	1.00				
2.8	506		1.80	1.10				
3.1	452		2.1	1.25				
3.6	386	BF67BR37 BFF67BR37 BFA67BR37 BFAF67BR37		1.45	1.00			
4.1	338			1.65	1.15			
5.5	255				1.50	1.05		
7.0	201					1.35		
7.7	181					1.50		
0.98	1429		0.90					
1.1	1271		1.00					
1.3	1102		1.15					
1.4	970		1.35					
1.6	858		1.50	0.90				
1.9	755	BF77BR37 BFF77BR37 BFA77BR37 BFAF77BR37	1.75	1.00				
2.2	641		2.0	1.20	0.80			
2.4	572		2.2	1.30	0.90			
2.8	509		2.6	1.50	1.05			
3.2	437		3.0	1.75	1.20	0.85		
3.6	384			1.95		0.95		
4.1	338					1.05		
4.6	305					1.20		
5.4	257					1.40	0.90	
6.1	231					1.60	1.05	
6.8	205						1.15	
8.0	175						1.35	
0.54	2613		0.85					
0.61	2284		1.00					
0.69	2029		1.10					
0.81	1728			0.80				
0.91	1544			0.90				
1.0	1354			1.00				
1.2	1200			1.15				
1.3	1053			1.30	0.90			
1.5	910			1.50	1.05			
1.7	810			1.75	1.20	0.85		
2.0	710			2.0	1.35	0.95		
2.3	615			2.2	1.55	1.10		
2.6	538				1.75	1.25	0.80	
2.9	480				2.0	1.40	0.90	
3.4	413				2.3	1.65	1.05	

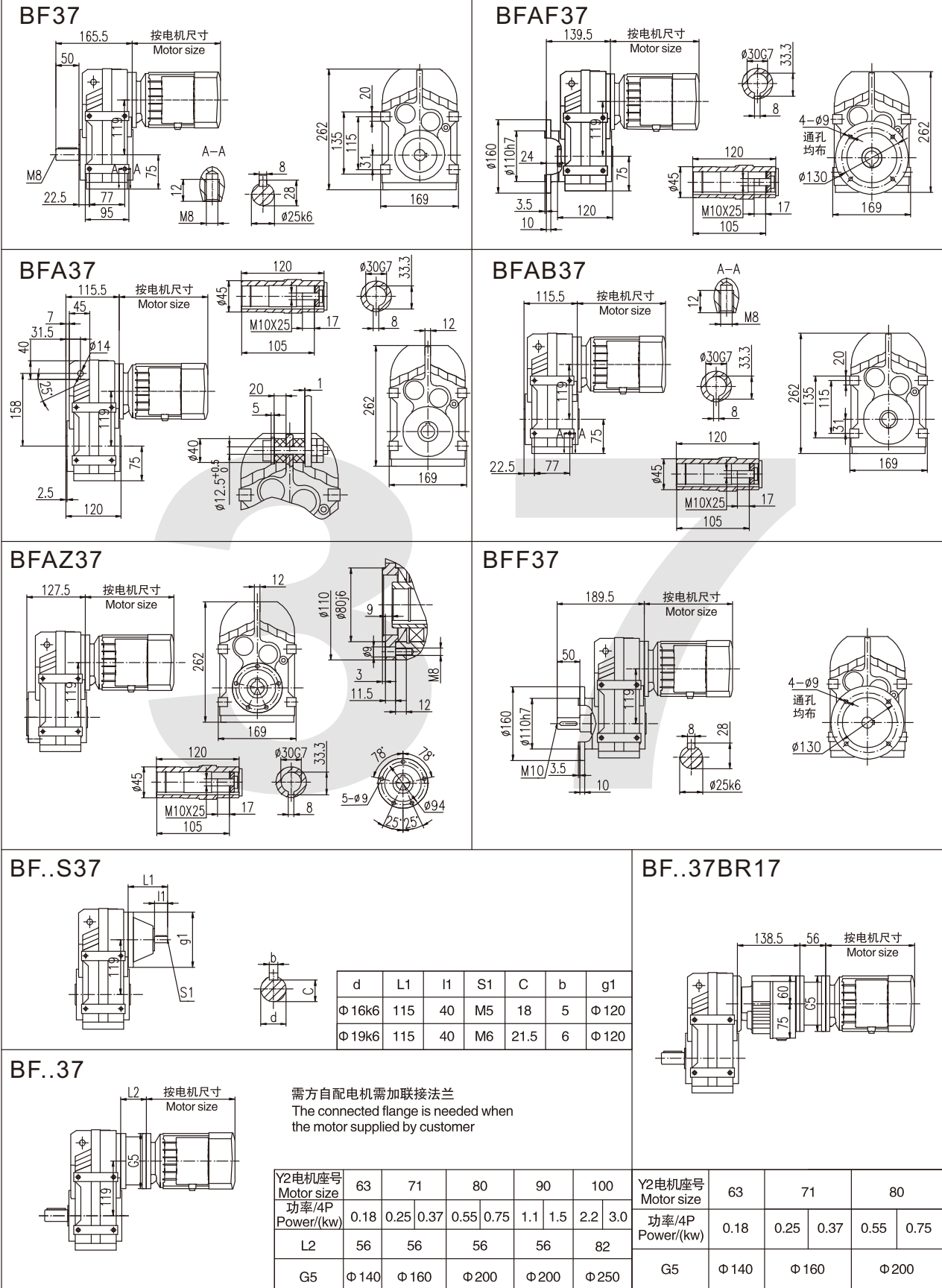
使用系数fb service factor fb								
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW
3.8	367	BF77BR37				1.80	1.20	0.85
4.3	323	BFF77BR37				2.0	1.35	1.00
5.0	280	BFA77BR37						1.15
		BFAF77BR37						

		使用系数fb service factor fb												
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW	
0.28	4954	BF87BR57 BFF87BR57 BFA87BR57 BFAF87BR57	0.90											
0.33	4245		1.10											
0.38	3721		1.35											
0.49	2881			0.95										
0.54	2576			1.05										
0.64	2199			1.25										
0.73	1930			1.45	1.00									
0.82	1709			1.60	1.10									
0.94	1493			1.85	1.25									
1.1	1300			2.2	1.50	1.05								
1.2	1148			2.5	1.70	1.20								
1.4	1010			2.9	1.95	1.35								
1.6	887			3.2	2.2	1.50	1.00							
1.8	780			3.7	2.5	1.75	1.15							
2.1	674				2.9	2.0	1.30	0.95						
2.3	609					2.2	1.45	1.05						
2.7	515					2.7	1.70	1.25						
3.1	452					3.0	1.95	1.45	1.00					
4.1	345						2.6	1.90	1.30	0.95				
4.7	300								1.50	1.10				
5.6	249								1.80	1.30				
0.19	7328	BF97BR57 BFF97BR57 BFA97BR57 BFAF97BR57	0.90											
0.22	6469		1.05											
0.25	5615		1.15											
0.28	4916		1.35											
0.32	4333		1.55	1.00										
0.36	3906		1.70	1.15										
0.42	3352		1.95	1.40										
0.48	2907		2.4	1.55	0.95									
0.55	2553		2.6	1.75	1.05									
0.62	2245			2.0	1.20	0.85								
0.71	1970			2.3	1.40	0.95								
0.81	1722			2.6	1.55	1.10								
0.92	1527			3.1	1.75	1.25								
1.1	1327			3.3	2.1	1.45	0.95							
1.2	1171				2.3	1.60	1.05							
1.4	1022				2.6	1.85	1.20	0.90						
1.6	898					2.2	1.40	1.05						
1.8	784						1.60	1.20						
2.0	690						1.85	1.35	0.90					
2.3	605						2.1	1.55	1.05					
2.6	529						2.4	1.75	1.20	0.90				
3.0	467					2.7	2.0	1.35	1.00					
3.4	406					3.2	2.3	1.55	1.15					
3.9	363					3.5	2.6	1.75	1.30	0.85				
4.9	285									1.10				
5.7	245									1.30				
0.09	14767	BF107BR77 BFF107BR77 BFA107BR77 BFAF107BR77	0.80											
0.12	11348		1.00											
0.14	10039		1.30											
0.16	8548		1.55	0.90										
0.18	7674		1.60	0.95										



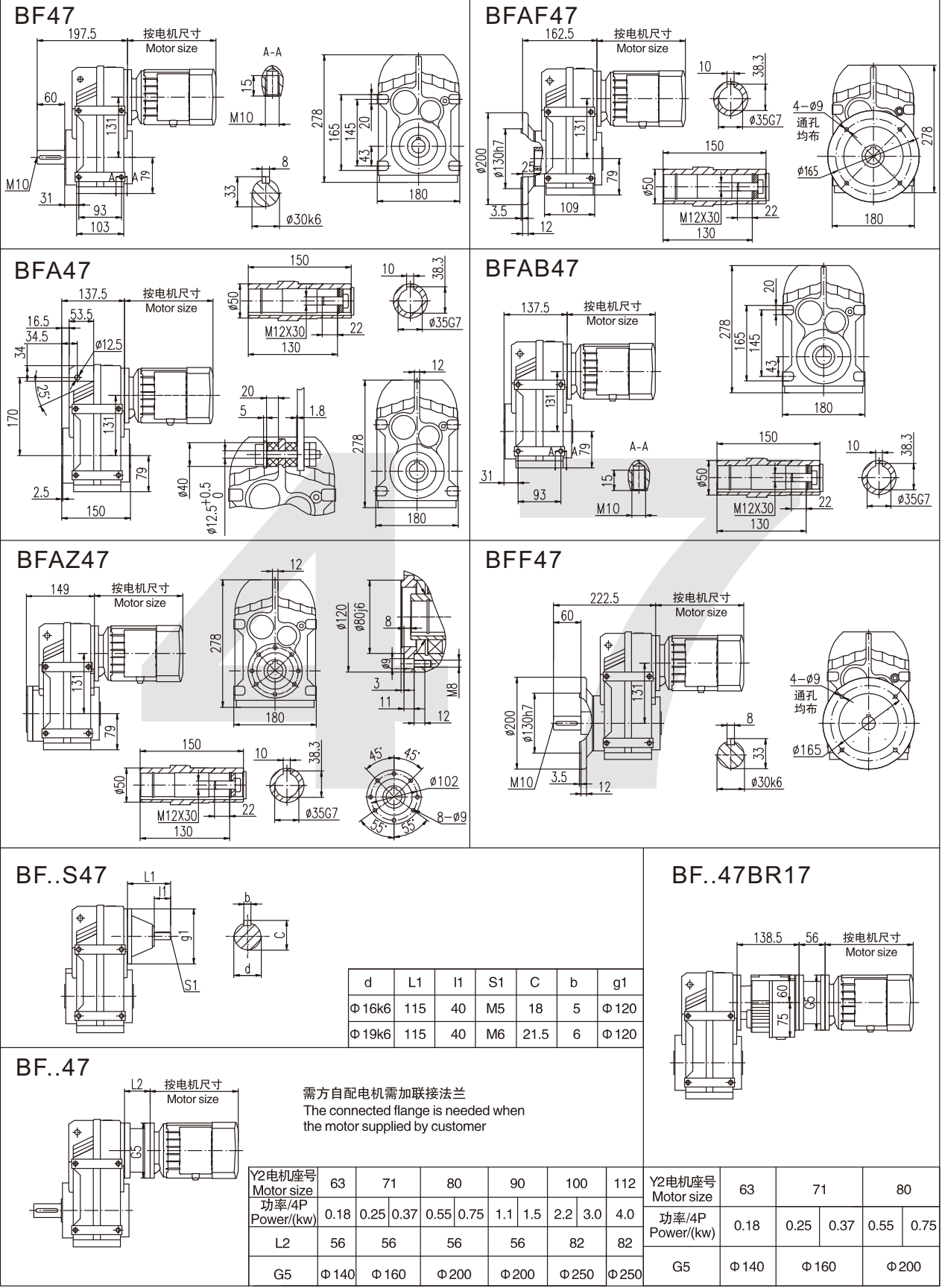
		使用系数fb service factor fb												
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.12KW	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW	5.5KW
0.21	6767	BF107BR77 BFF107BR77 BFA107BR77 BFAF107BR77	1.85	1.10										
0.24	5954		2.2	1.25	0.85									
0.27	5223		2.5	1.45	1.00									
0.31	4567		2.7	1.60	1.10									
0.40	3521		3.6	2.1	1.45									
0.46	3037				1.65	1.15								
0.51	2756				1.80	1.25								
0.59	2369				2.1	1.45	0.95							
0.68	2068				2.4	1.70	1.10							
0.77	1826						1.25	0.90						
0.88	1597				3.2	2.2	1.40	1.05						
1.0	1401				3.6		1.60	1.20						
1.1	1243						1.85	1.35	0.90					
1.3	1087						2.1	1.50	1.05					
1.5	950						2.4	1.75	1.20	0.90				
1.7	834						2.8	2.0	1.35	1.00				
1.9	736							1.55	1.15					
2.2	640						3.6	2.6	1.80	1.30	0.90			
2.5	560									1.50	1.00			
2.9	489									1.70	1.15			
3.2	436							3.8		1.90	1.30	0.95		
3.8	370									2.3	1.55	1.10		
4.2	333										1.70	1.25	0.95	
4.8	291										1.40	1.05		
5.5	255											1.20		
0.06	22323	BF127BR77 BFF127BR77 BFA127BR77 BFAF127BR77	0.80											
0.07	19048		0.95											
0.08	16656		1.10											
0.10	14722		1.20											
0.11	12912		1.50	0.90										
0.12	11656		1.70	1.00										
0.14	10191		1.90	1.10										
0.16	8831			1.35	0.90									
0.18	7643			1.55	1.05									
0.21	6715			1.70	1.15	0.80								
0.24	5925				1.30	0.90								
0.27	5153				1.55	1.05								
0.31	4533				1.75	1.20								
0.36	3926					1.40	0.90							
0.41	3454					1.60	1.05							
0.46	3031					1.85	1.20	0.85						
0.52	2672							0.95						
0.59	2357							1.10						
0.69	2038							1.30	0.85					
0.78	1784							1.45	1.00					
0.87	1606							1.65	1.10	0.80				
1.0	1390							1.30	1.95					
1.1	1220							1.45	1.05					
1.3	1077							1.65	1.20	0.80				
1.5	930								1.40	0.95				
1.7	820								1.60	1.10				
1.9	727								1.80	1.20	0.90			
2.2	648								2.0	1.35	1.00			
2.6	549									1.60	1.15	0.90		
2.8	495									1.80	1.30	1.00		
3.3	428									2.1		1.15	0.85	
3.7	376											1.30	0.95	

		使用系数fb service factor fb												
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW	5.5KW	7.5KW	11KW		
3.3	418	BF127BR87 BFF127BR87 BFA127BR87 BFAF127BR87								0.85				
3.7	374									0.95				
4.5	312									1.15	0.85			
4.8	293									1.20	0.90			
5.4	259									1.40	1.00			
6.3	223									1.60	1.15	0.80		
7.1	198										1.30	0.90		
8.4	166											1.10		
0.22	6295	BF157BR97 BFF157BR97 BFA157BR97 BFAF157BR97	0.90											
0.26	5404		1.05											
0.50	2780		2.0	1.45	1.00									
0.58	2427		2.3	1.70	1.15	0.80								
0.64	2185				1.25	0.90								
0.72	1944				1.40	1.05								
0.84	1674		3.3	2.4	1.60	1.20								
1.1	1308		4.3	3.1	2.1	1.50	1.00							
1.2	1169		4.8	3.5	2.3	1.70	1.15	0.85						
1.5	953				2.9	2.1	1.40	1.00						
1.7	845				3.3	2.4	1.60	1.15	0.85					
1.8	764						1.80	1.30	0.95					
2.1	680						2.0	1.45	1.10					
2.4	576						2.4	1.70	1.30	0.95				
2.8	503									1.05				
3.1	446				6.2	4.5	3.0	2.2	1.65	1.20				
4.0	353									1.55				
4.6	302				9.2	6.7	4.5	3.2	2.4	1.80				
5.1	273						5.0	3.6	2.7	1.95				
6.0	232						5.9	4.2	3.2	2.3				
6.9	202									2.7				
7.1	197						6.9	5.0	3.8	2.7				



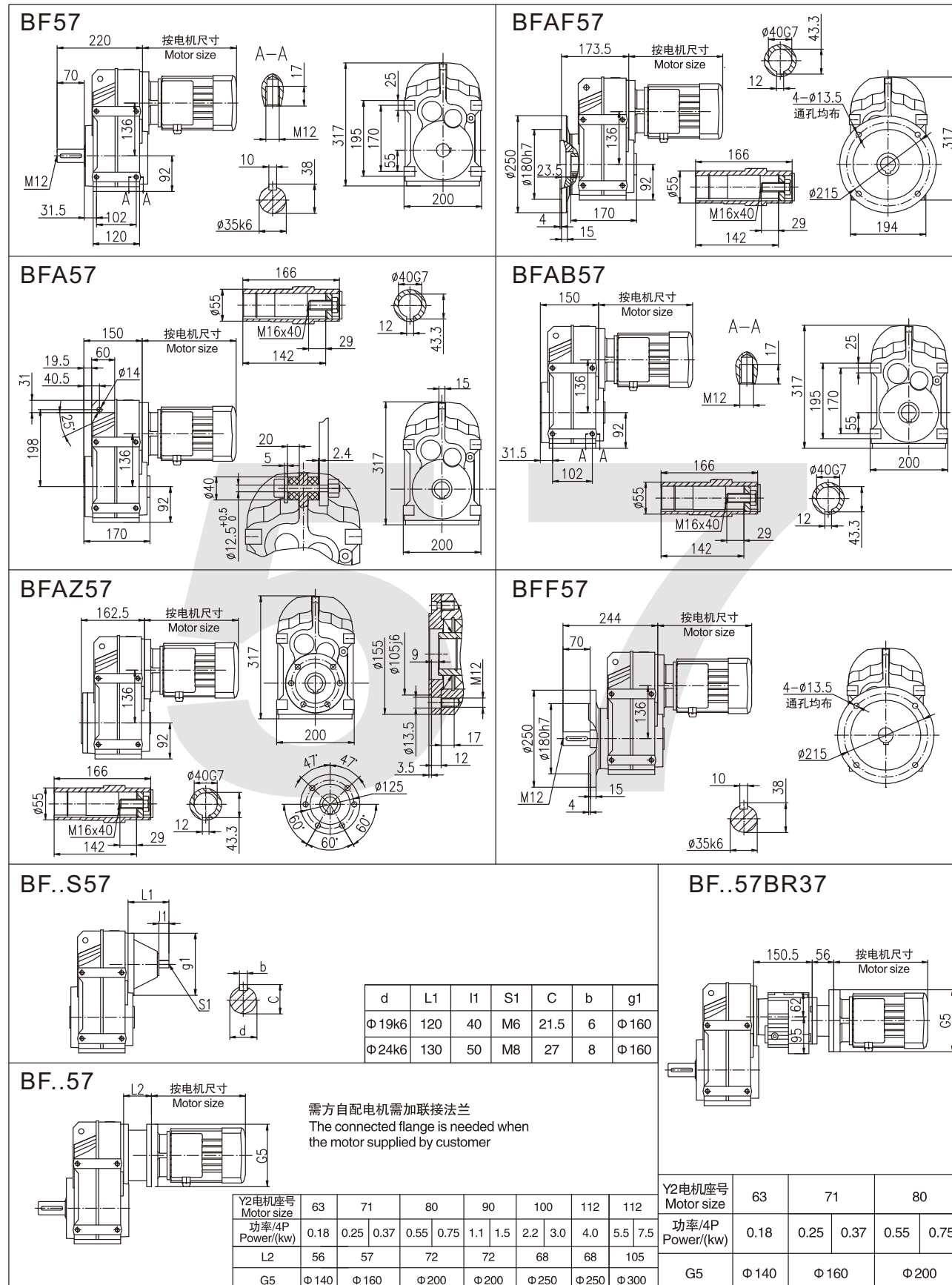
注：1、以上壳体为通用件，安装尺寸均可相互参照。
2、“BF..”表示BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ。

Note: 1. The above housings are common patrs. The mounting dimensions may consult each other.
2. “BF..” means BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ.



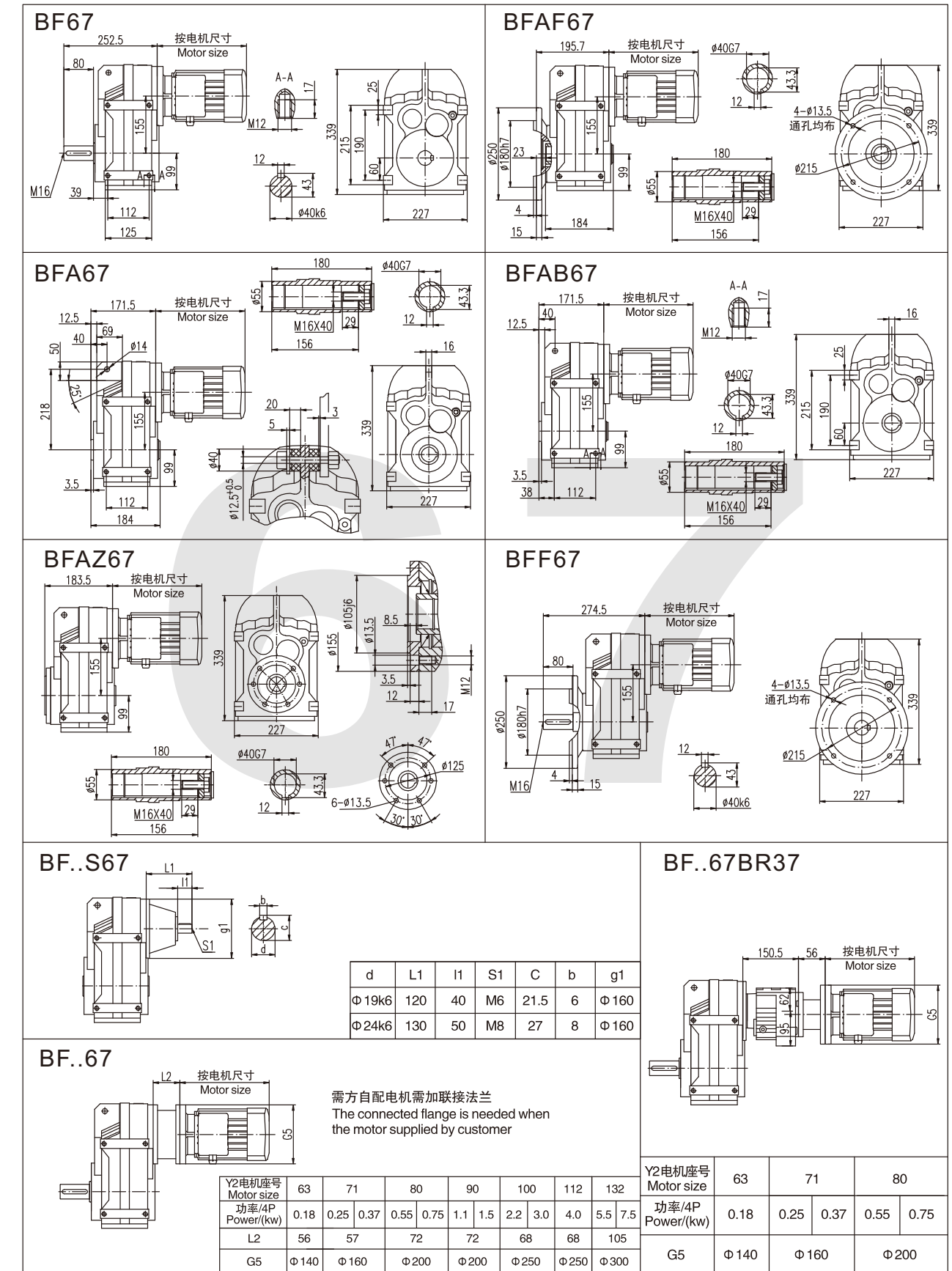
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Note: 1. The above housings are common parts. The mounting dimensions may consult each other.
2. “BF..” means BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ.

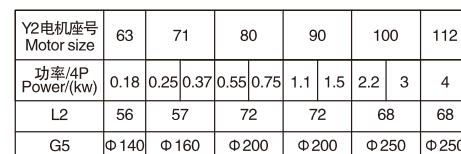
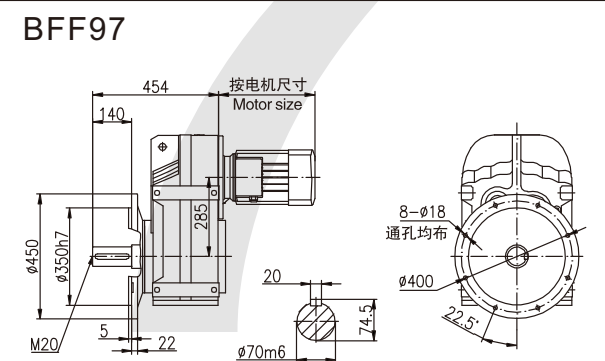
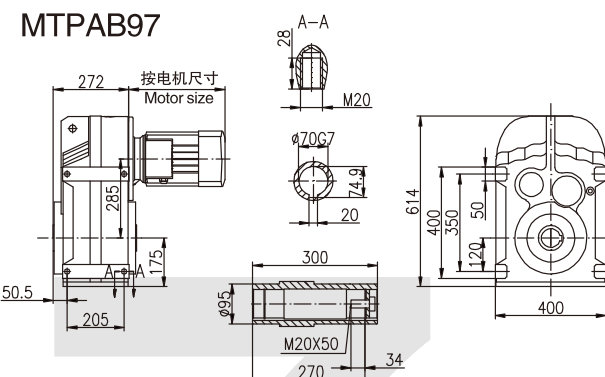
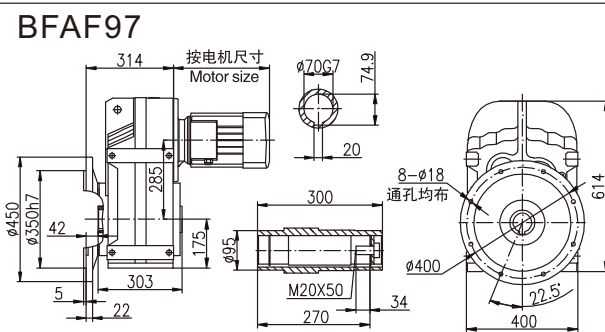


注：1、以上壳体为通用件，安装尺寸均可相互参照。
2、“BF..”表示BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ。

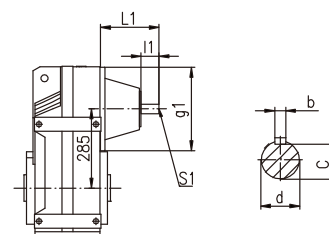
Note: 1. The above housings are common parts. The mounting dimensions may consult each other.
2. “BF..” means BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ.



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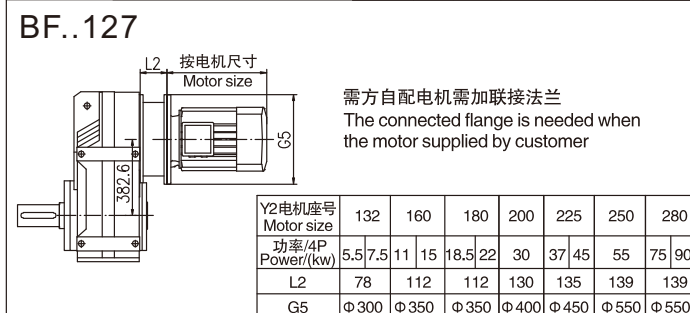
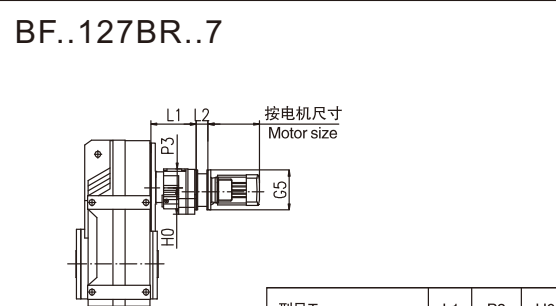
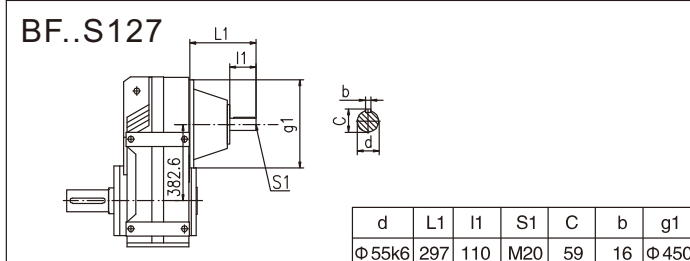
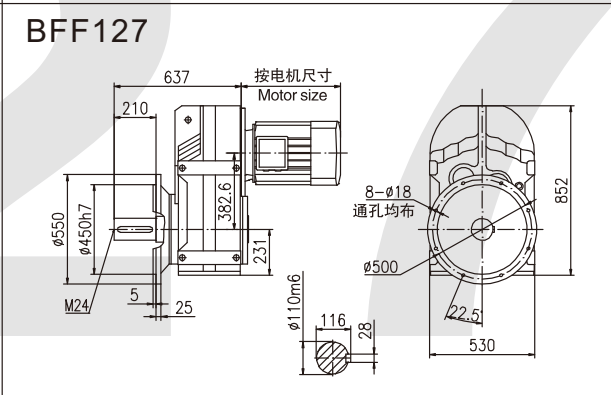
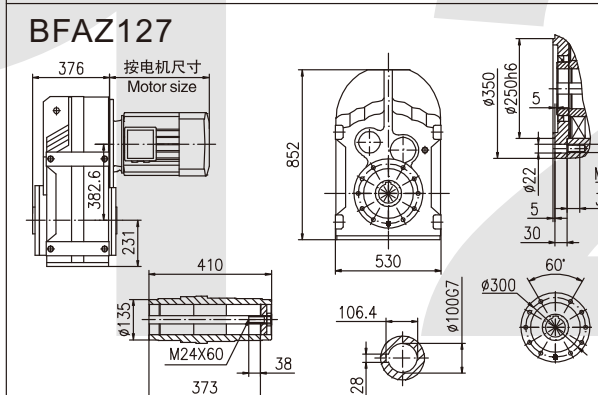
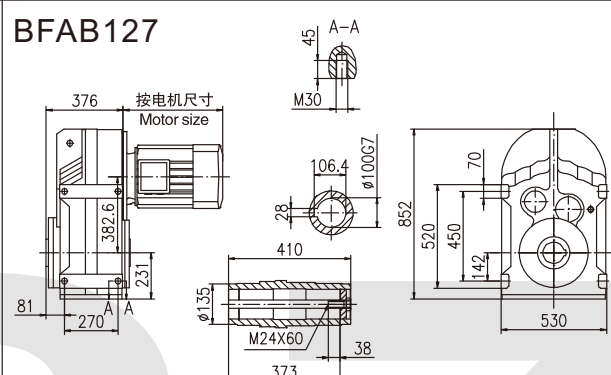
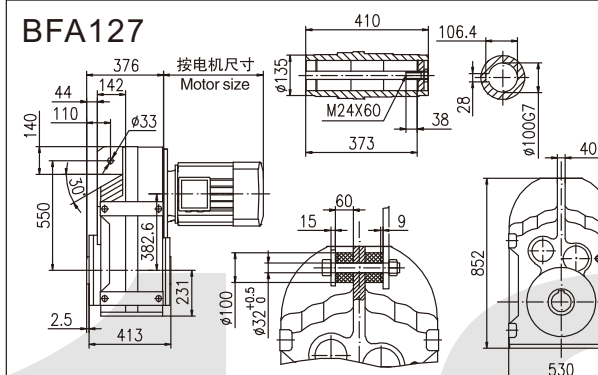
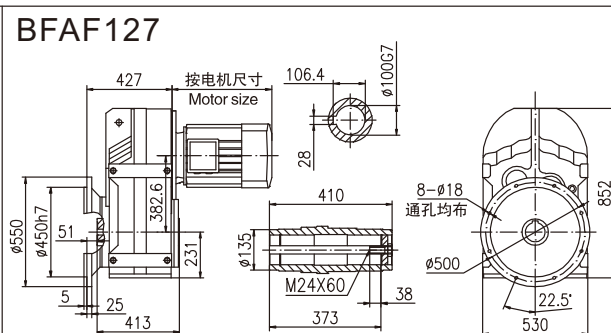
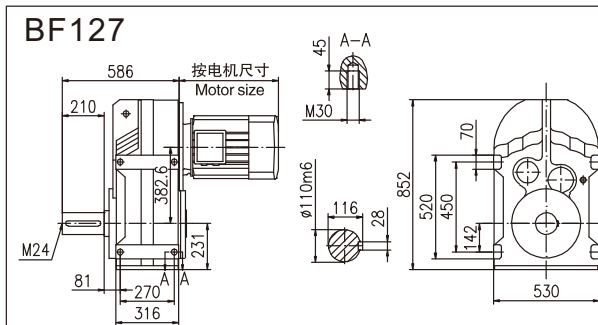


Y2电机座号 Motor size	90		100		112		132		160		180		200		d	L1	l1	S1	C	b	g1
功率/P Power/(kw)	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22	30	Φ38k6	220	80	M12	41	10	Φ300		
L2	50		50		50		92		113		113		123		Φ42k6	220	80	M16	45	12	Φ300
G5	Φ200		Φ250		Φ250		Φ300		Φ350		Φ350		Φ400		Φ48k6	220	80	M16	51.5	14	Φ300



注: 1、以上壳体为通用件, 安装尺寸均可相互参照。
2、“BF..”表示BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ。

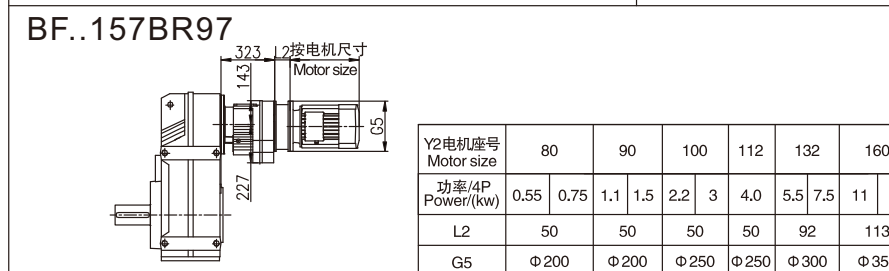
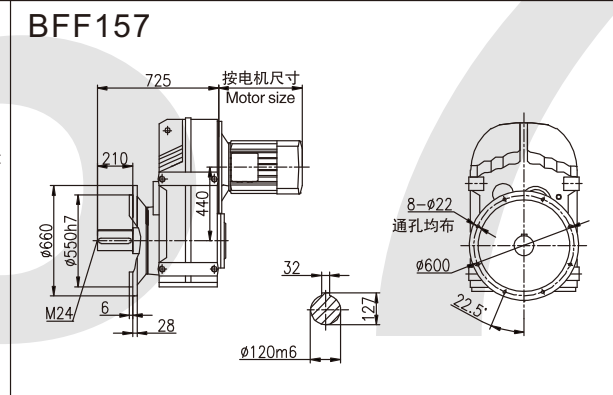
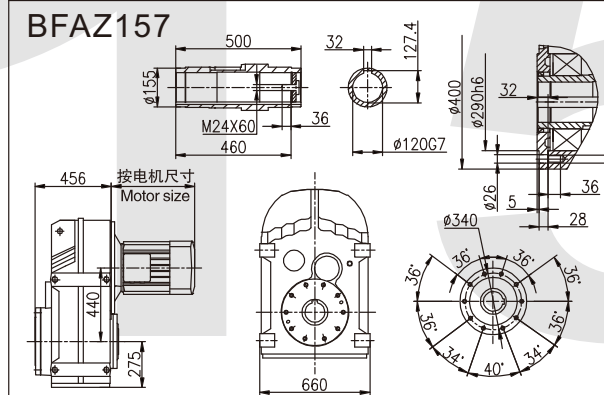
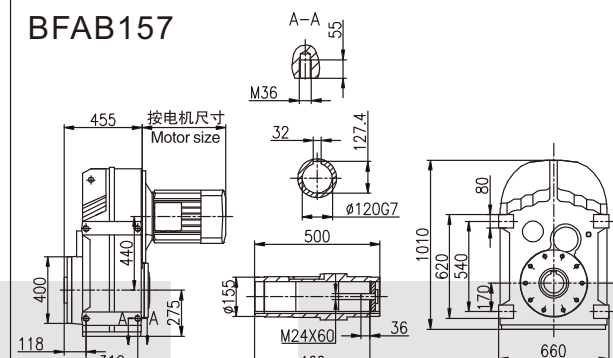
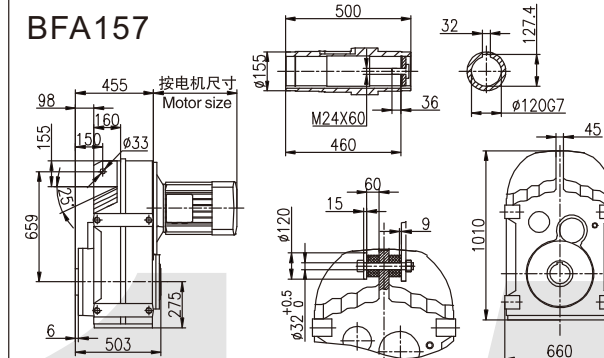
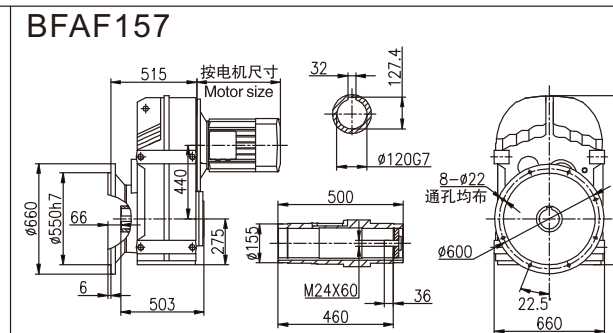
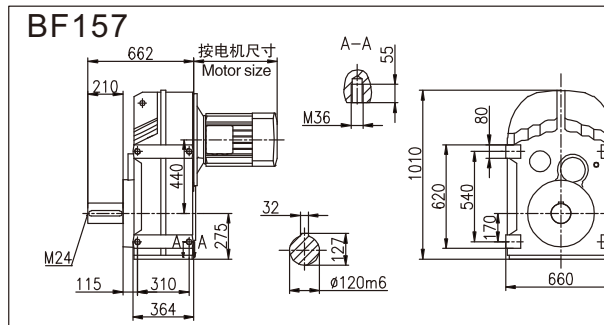
Note: 1. The above housings are common patrs. The mounting dimensions may consult each other.
2. "BF.." means BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ.



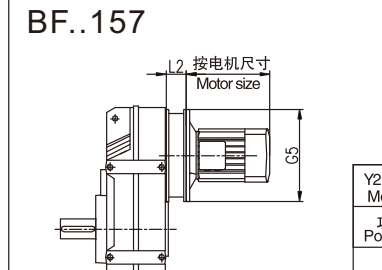
				型号 Type				L1		P3		H0			
				MTP.127MTD77				227		88		144			
				MTP.127MTD87				274		115		184			
Y2电机座号 Motor size		132		Y2电机座号 Motor size		63		71		80		90		100	
功率/4P Power/(kw)		5.5 7.5		功率/4P Power/(kw)		0.18		0.25 0.37		0.55 0.75		1.1 1.5		2.2 3	
MTD87 L2		98		MTD87 L2		56		57		72		72		68	
MTD87 G5		Φ300		MTD87 G5		Φ140		Φ160		Φ200		Φ200		Φ250	

注: 1、以上壳体为通用件, 安装尺寸均可相互参照。
2、“BF..”表示BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ。

Note: 1. The above housings are common patrs. The mounting dimensions may consult each other.
2. "BF.." means BF, BFA, BFAB, BFAT, BFF, BFAF, BFAZ.

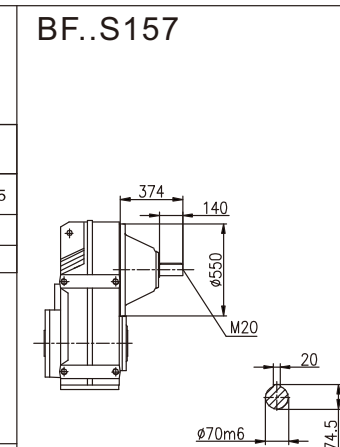


Y2电机座号 Motor size	80		90		100		112	132		160	
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4.0	5.5	7.5	11	
L2	50		50		50		50	92		113	
G5	Φ 200		Φ 200		Φ 250		Φ 250	Φ 300		Φ 350	



需方自配电机需加联接法兰
The connected flange is needed when
the motor supplied by customer

Y2电机座号	160		180		200		225		250		280		315	
Motor size	11 15		18.5 22		30		37 45		55		75 90		110 132	
功率(4P Power/(kw)	11 15		18.5 22		30		37 45		55		75 90		110 132	
L2	101		101		111		116		120		120		170	
G5	Φ 350		Φ 350		Φ 400		Φ 450		Φ 550		Φ 550		Φ 660	

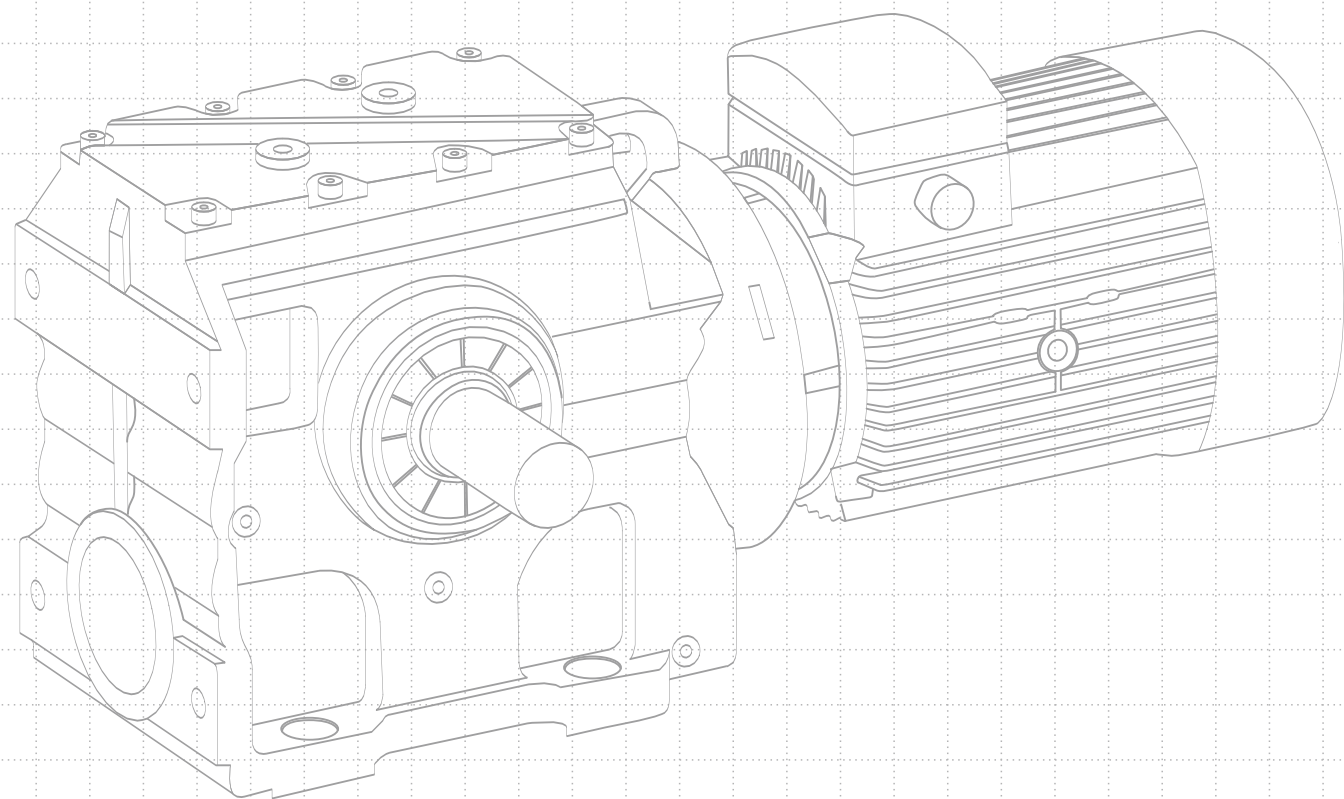


注: 1、以上壳体为通用件, 安装尺寸均可相互参照。
2、“BF..”表示BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ。

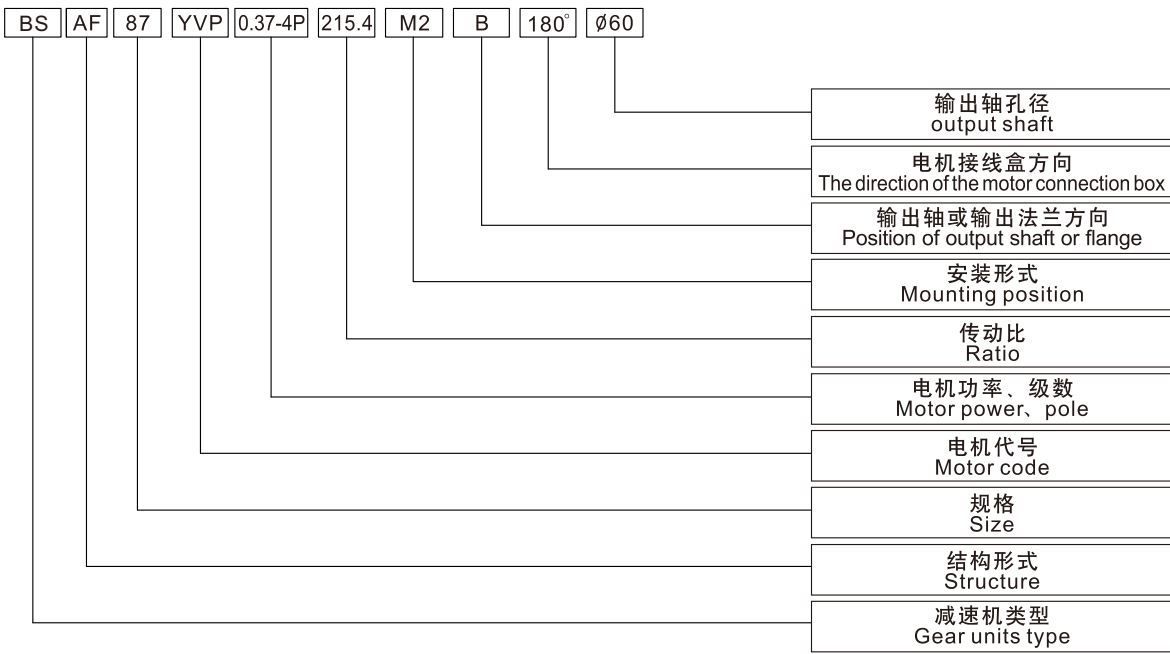
Note: 1. The above housings are common patrs. The mounting dimensions may consult each other.
2. "BF.." means BF、BFA、BFAB、BFAT、BFF、BFAF、BFAZ.

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BS系列圆柱蜗杆减速机
BS Series Helical Power Reductor



一、型号说明 Instructions for Models



- 1、减速机类型及结构形式(见页 133)
- 2、减速机规格(见选型参数表)
- 3、电机类型代号

Gear units type and structure (page 133)

Size (see selection table)

Codes for Motor Tyoes:

Y(Y2)系列普通电机 Y(Y2)series motor	Y(Y2)	防爆电机 Flameproof Motor	YB	直流电机 Direct Current Motor	Z
制动电机 Brake motor	YEJ	辊道电机 Roll Motor	YGa(YG B)	变频电机 Variable Frequency Motor	YVP
变频制动电机 Transduction braking	YVPEJ	变频辊道电机 Transduction roller way	YGP	冶金起重 Metallurgy hoisting	YZR
客户自配电机 Motor supplied by customer	ZP				

- 4、电机功率、极数:(见选型参数表)
- 5、传动比:(见选型参数表)
- 6、安装形式:M1、M2、M3、M4、M5、M6(见安装形式图)
- 7、输出轴或输出法兰方向:(见安装形式)
- 8、输出轴孔径:(见安装尺寸图)
带实心轴输出时省略
- 9、联接法兰: 配标准电机时用,直联电机可省略

Motor power 、pole: (see selection table)

Ratio: (see selection table)

Mounting position: M1、M2、M3、M4、M5、M6(see Mounting position)

Position of output shaft or flange (see mounting position)

Output shaft aperture:(see the chart of mouting dimension)
It will be omitted when solid output shaft

Coupling flange: with standard motor,motor straight ellipsis



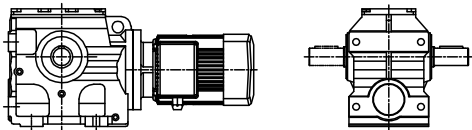
二、结构形式 Mounting type

1.BS 型

底脚安装圆柱蜗杆减速机。

1.Model BS

Foot-mounted helical-worm gear redactor

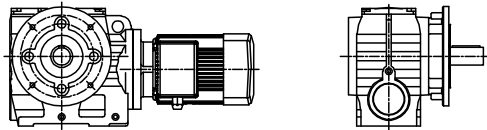


2.BSF 型

B5法兰安装圆柱蜗杆减速机。

2.Model BSF

B5 flange-mounted helical-worm gear redactor

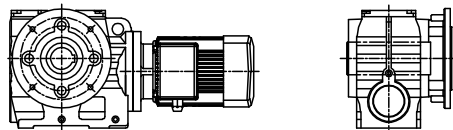


3.BSAF 型

B5法兰空心轴安装圆柱蜗杆减速机。

3.Model BSAF

B5 flange-mounted helical-worm gear redactor with hollow shaft

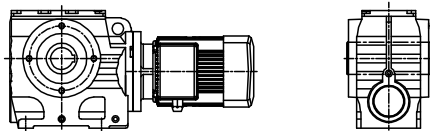


4.BSA 型

空心轴安装圆柱蜗杆减速机

4.Model BSA

Helical-worm gear redactor with hollow shaft

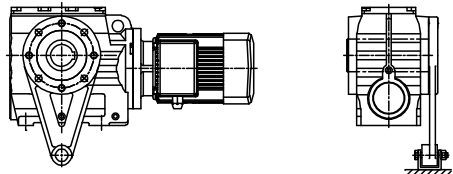


5.BSAT 型

空心轴安装防转臂固定圆柱蜗杆减速机

5.Model BSAT

Helical-worm gear redactor in torque-arm version with hollow shaft

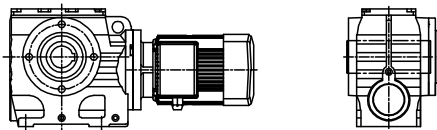


6.BSAZ 型

B14法兰空心轴安装圆柱蜗杆减速机。

6.Model BSAZ

B14 flange-mounted helical-worm gear redactor with hollow shaft

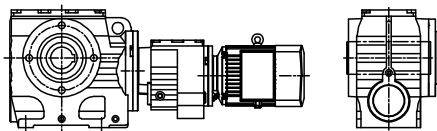


7.BS..BR 型

BS系列与BR..7系列组合减速机

7.Model BS..BR

Combination of BS model and BR..7 model

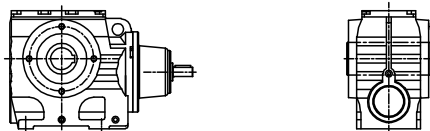


8.BS..S 型

输入轴型，即配输入轴不配电动机的圆柱蜗杆减速机

8.Model BS..S

Input-shaft style ,in another word, helical-worm gear redactor equipped with input shaft but without the motor



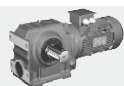
三、润滑油量表 Lubrication table

BS.

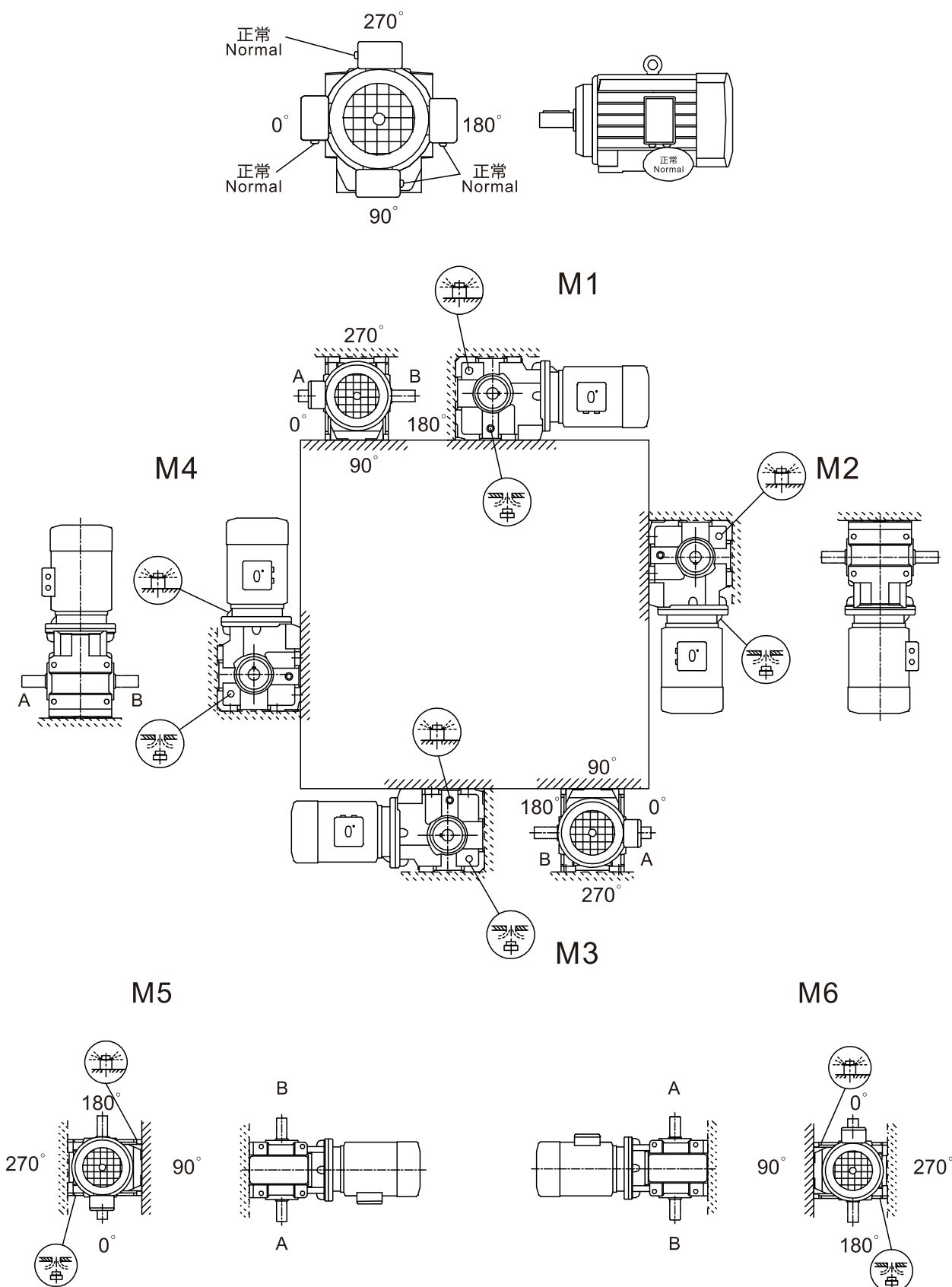
机型号 type	润滑油量（升） Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
BS.37	0.25	0.4	0.5	0.6	0.4	0.4
BS.47	0.35	0.8	0.7	1.1	0.8	0.8
BS.57	0.5	1.2	1	1.5	1.3	1.3
BS.67	1	2	2.2/3.1	3.2	2.6	2.6
BS.77	1.9	4.2	3.7/5.4	6	4.4	4.4
BS.87	3.3	8.1	6.9/10.4	12	8.4	8.4
BS.97	6.8	15	13.4/18	22.5	17	17

BSA.

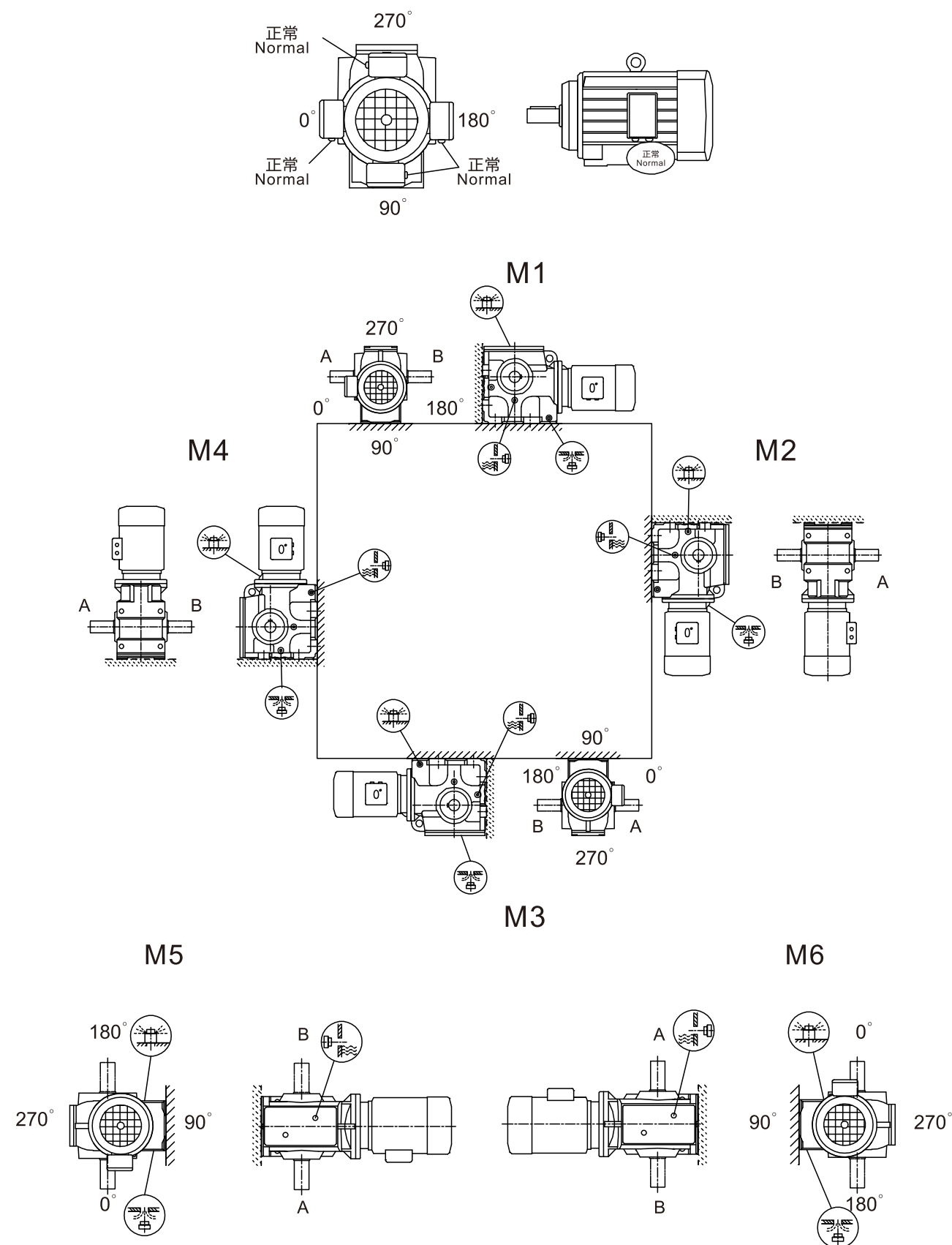
机型号 type	润滑油量（升） Fill quantity in liters					
	M1	M2	M3	M4	M5	M6
BSA.37	0.25	0.4	0.5	0.6	0.4	0.4
BSA.47	0.4	0.8	0.7	1.1	0.8	0.8
BSA.57	0.5	1.1	1	1.6	1.2	1.2
BSA.67	1	2	1.8/2.6	2.9	2.5	2.5
BSA.77	1.8	3.9	3.6/5	5.9	4.5	4.5
BSA.87	3.8	7.4	6/8.7	11.2	8	8
BSA.97	7	14	11.4/16	21	15.7	15.7

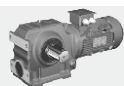


四、BS37 安装形式图 BS37 Mounting position example

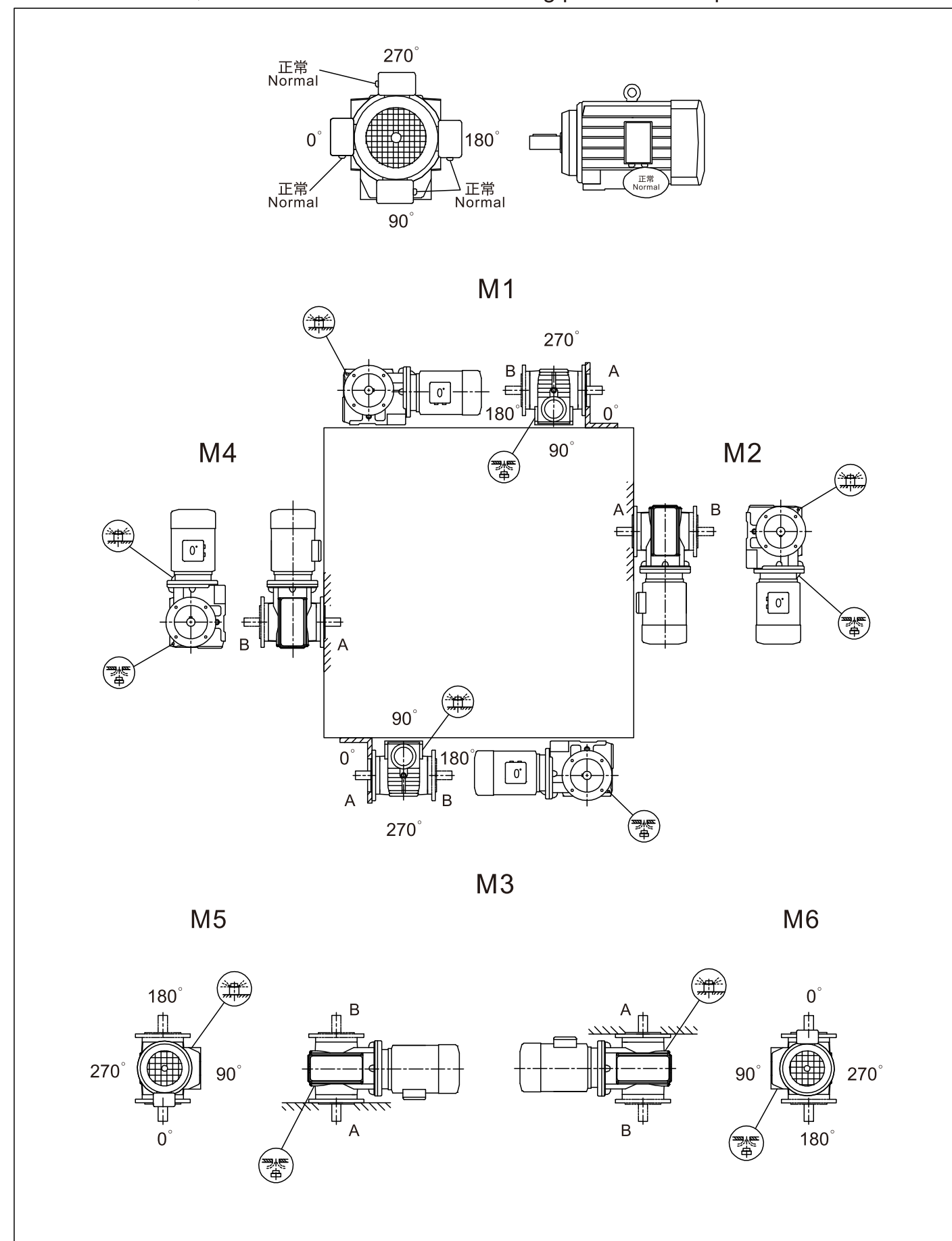


BS47-97 安装形式图 BS47-97 Mounting position example

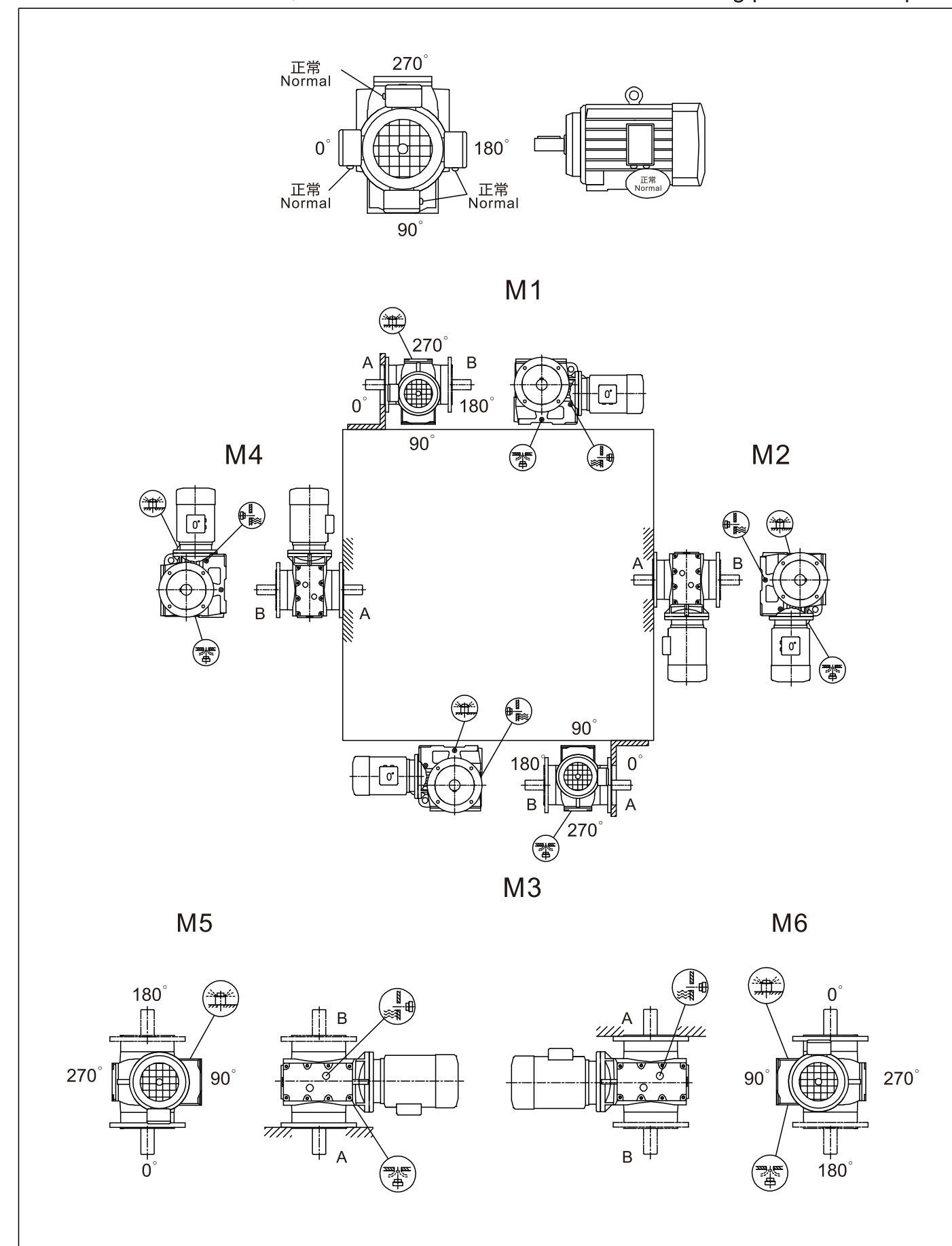


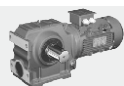


BSF/BSAF37安装形式图 BSF/BSAF37 Mounting position example

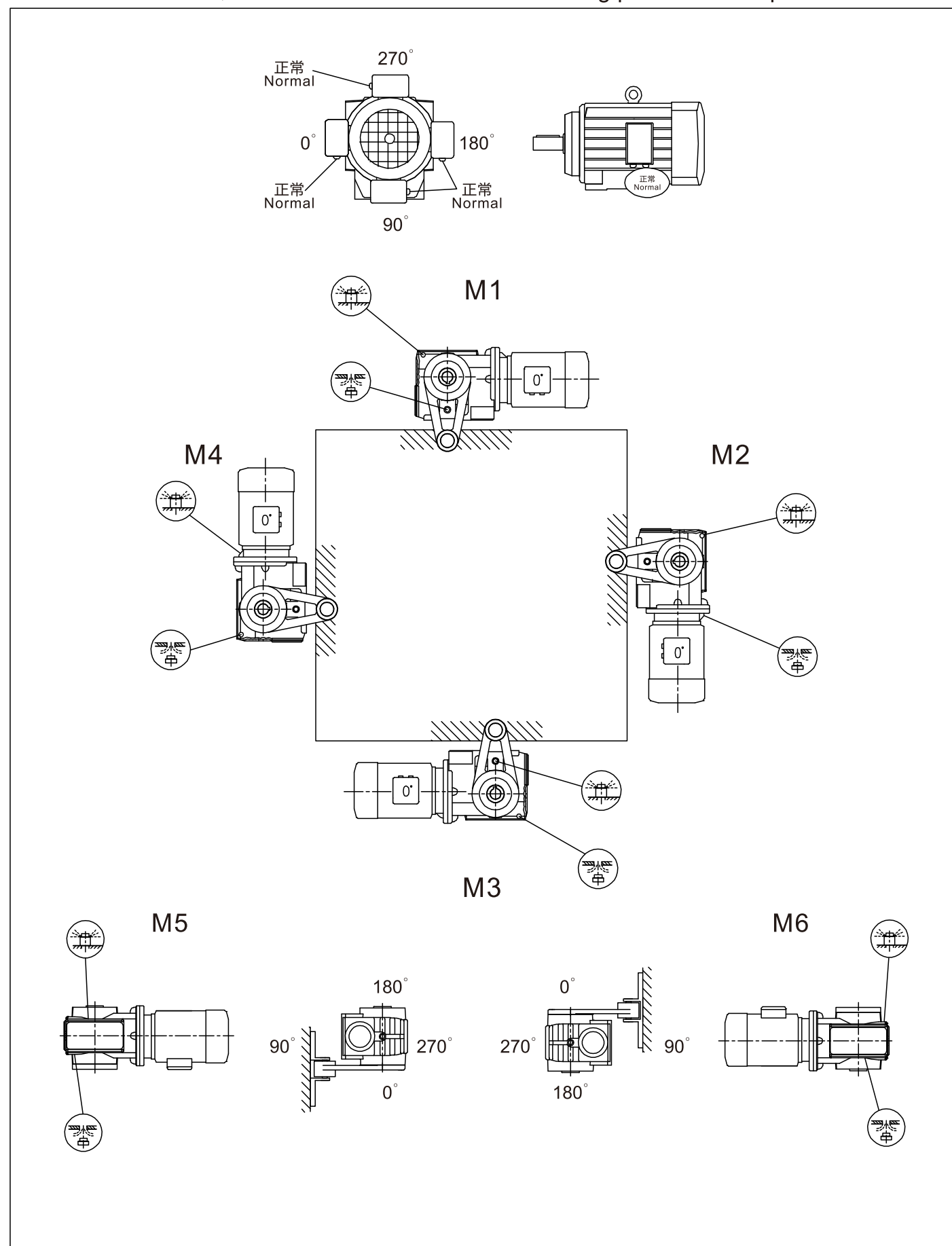


BSF/BSAF/BSAZ47-97安装形式图 BSF/BSAF/BSAZ47-97 Mounting position example

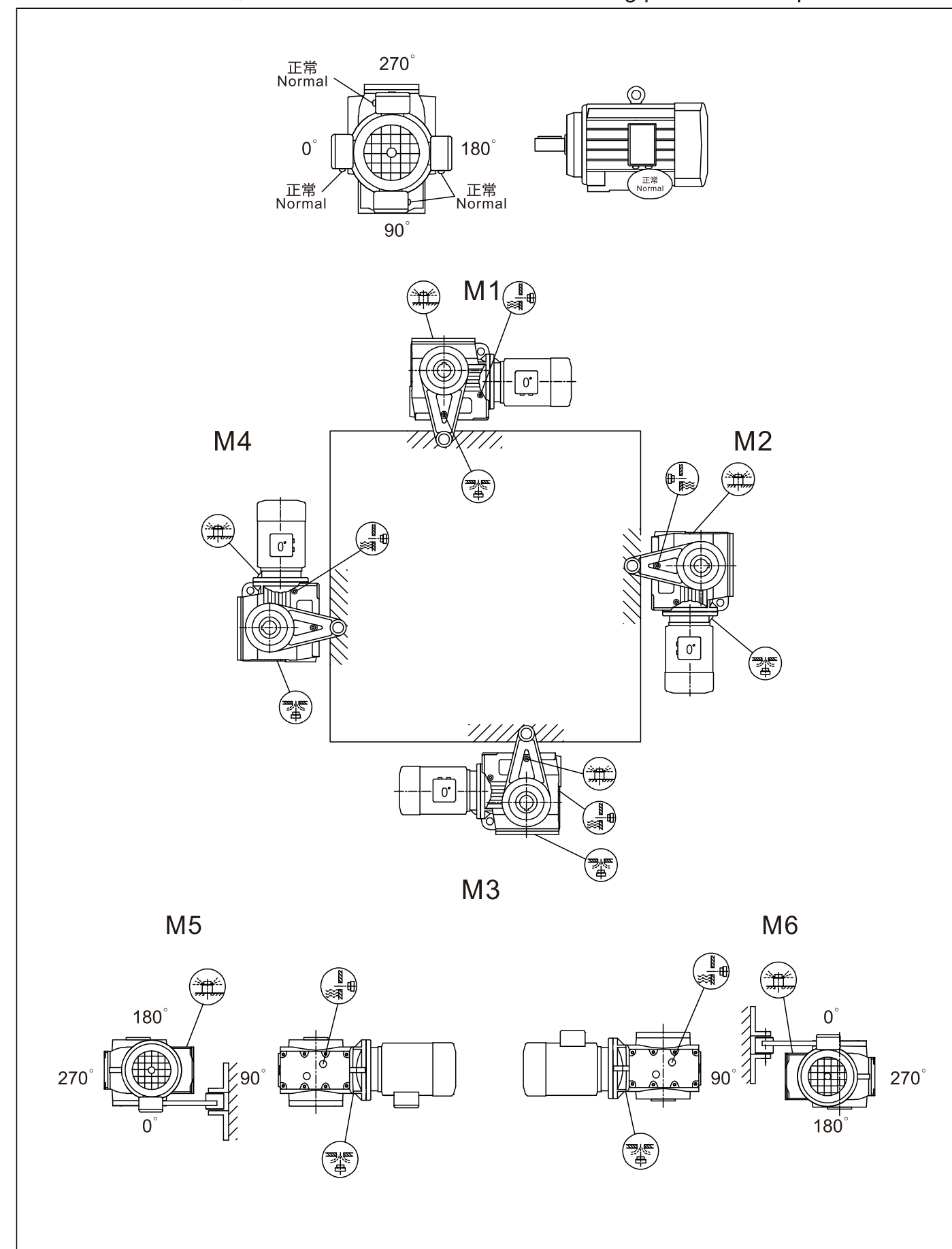




BSA37/BSAT37安装形式图 BSA37/BSAT37 Mounting position example



BSA/BSAT47-97安装形式图 BSA/BSAT47-97 Mounting position example





五、BS系列主机重量表 Main machine weight form of BS series

型号Type	BS37	BS47	BS57	BS67	BS77	BS87	BS97
重量(kg) weight(kg)	11	17	22	29	49	91	158
型号Type	BSF37	BSF47	BSF57	BSF67	BSF77	BSF87	BSF97
重量(kg) weight(kg)	13	21	26	35	59	111	188
型号Type	BSA37	BSA47	BSA57	BSA67	BSA77	BSA87	BSA97
重量(kg) weight(kg)	11	18	22	30	49	88	153
型号Type	BSAF37	BSAF47	BSAF57	BSAF67	BSAF77	BSAF87	BSAF97
重量(kg) weight(kg)	12	20	25	34	55	104	178

六、选型参数表释义 Explanation of Parameter Selection List

使用系数fb service factor fb								
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	额定输出扭矩 Rated output torque T2N(N · M)
365	3.83				4.42	3.08	2.33	45
310	4.51				4.01	2.80	2.11	48
275	5.09				3.97	2.77	2.09	51
243	5.76				3.46	2.42	1.82	53

输 出 扭 矩 T (N·M) output torque T (N·M)								
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.12	0.18	0.25	0.37	0.55	0.75	输出轴径向力 Radial Force of output shaft Fr2(N)
365	3.83				9.6	14	18	664
310	4.51				11	16	21	696
275	5.09				13	18	24	712
243	5.76				14	21	27	744

注： 1.名义输出转速统一按照电机转速1400r/min 计算(4极电机)
2.表中标注使用系数的配置均可用于直连,如 电机功率或速比超出使用系数配置范围,则向技术部咨询.
3.如遇到配置相同功率的6级及8级电机,使用系数值 相应按原使用系数的2/3和1/2计算,如:减速机速比3. 83, 配 0. 37KW-6P电机,则使用系数为4. 42×2/3=2. 95;输出扭矩值相应按原输出扭矩值的1. 5和2计算, 如:减速机速比 3. 83, 配0. 37KW-6P电机,则输出扭矩为9. 6×1. 5=14. 4.

Note: 1.Nominal output speed unified calculated according to the motor speed of 1400 r/min (4 pole motor)
2.Mark using coefficient of configuration in the table can be used to straight league motor, if motor power or speed ratio exceeds the scope using coefficient of configuration,please consult technical department.
3.If the configuration is the same power but level 6 or 8 motor, use coefficient values according to the corresponding coefficient of the original use of 2/3 or 1/2computation,such as:reducer ratio With 0.37 kw - 6 p motor, uses coefficient is 4.42×2/3=2.95; Corresponding output torque value is calculated based on 1.5 or 2 original output torque value,such as: reducer ratio of 3.83, and 0.37 KW - 6 p motor,the output torque of 9.6 * 1.5 = 14.4.

三相异步电机实际转速(参考) Three-phase asynchronous motor actual speed(refer to)		
电机功率(4极) Motor power (4P)	KW	电机转速 Motor speed r/min
0.12		1310
0.18		1310
0.25		1330
0.37		1330
0.55		1380
0.75		1420
1.1		1430
1.5		1430
2.2		1445
3		1445
4		1450
5.5		1460
7.5		1460
11		1470

三相异步电机实际转速(参考) Three-phase asynchronous motor actual speed(refer to)		
电机功率(4极) Motor power (4P)	KW	电机转速 Motor speed r/min
15		1470
18.5		1470
22		1470
30		1475
37		1480
45		1480
55		1480
75		1485
90		1485
110		1485
132		1485
160		1485
200		1485

BS系列选型参数表:BS37 BS Series Parameter Selection Table:BS37

使用系数fb service factor fb							
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 ratio i	0.18	0.25	0.37	0.55	0.75	额定输出扭矩 Rated output torque T2N(N · M)
146	9.56	4.86	3.12	2.30	1.37	0.99	46
124	11.25	4.15	2.85	2.07	1.23	0.89	48
116	12.04	3.80	2.68	1.90	1.14	0.83	48
99	14.17	3.58	2.33	1.66	0.99	0.73	49
88	15.98	3.17	2.07	1.48	0.88	0.66	50
77	18.11	2.91	1.83	1.37	0.82	0.60	52
72	19.32	3.75	2.50	1.78	1.14	0.84	71
63	22.10	3.47	2.17	1.58	1.05		73
58	24.08	3.20	2.01	1.46	0.96		74
49	28.33	2.64	1.74	1.27	0.84		75
44	31.96	2.41	1.68	1.15	0.77		76
39	36.22	2.47	1.58	1.03			78
36	38.64	2.35	1.50	0.99			79
32	44.20	2.08	1.35	0.88			81
30	47.42	1.97	1.26	0.82			81
25	56.32	1.71	1.15	0.72			81
22	62.33	1.67	1.07				81
20	69.14	1.63	1.02				84
19	73.33	1.56	1.00				84
17	82.72	1.37	0.89				85
15	93.74	1.24	0.80				86
14	100.00	1.18	0.76				87
12	114.40	1.05					88
11	122.74	0.99					91
9.8	143.00	0.87					92
9.1	153.42	0.80					92

输出扭矩 T (N·M) output torque T (N·M)							
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比 ratio i	0.18	0.25	0.37	0.55	0.75	输出轴径向力 Radial Force of output shaft Fr2(N)
146	9.56	9	14	19	32	44	2151
124	11.25	11	16	22	37	51	2151
116	12.04	12	17	24	40	55	2151
99	14.17	13	20	28	47	64	2151
88	15.98	15	23	32	54	72	2151
77	18.11	17	27	36	60	82	2151
72	19.32	18	27	38	59	80	2151
63	22.10	20	32	44	66		2151
58	24.08	22	35	48	73		2151
49	28.33	27	41	56	85		2380
44	31.96	30	43	63	94		2380
39	36.22	30	47	72			2550
36	38.64	32	50	76			2550
32	44.20	37	57	87			2550
30	47.42	39	61	94			2550
25	56.32	45	67	107			2550
22	62.33	46	72				2550
20	69.14	49	78				2550
19	73.33	51	80				2550
17	82.72	59	91				2550
15	93.74	66	102				2550
14	100.00	70	109				2550
12	114.40	80					2550
11	122.74	87					2550
9.8	143.00	100					2550
9.1	153.42	109					2550



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BS 系列选型参数表:BS47 BS Series Parameter Selection Table:BS47

使用系数fb service factor fb								
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	额定输出扭矩 Rated output torque T2N(N · M)
154	9.10					2.41	1.73	109
130	10.80				2.88	2.07	1.44	109
121	11.53				2.66	1.95	1.36	109
103	13.60				2.25	1.67	1.16	109
96	14.52				2.11	1.58	1.11	110
82	17.00			2.75	1.83	1.34	0.96	110
74	19.04			2.43	1.77	1.22	0.88	110
61	22.91			2.89	1.58	1.43	1.06	152
55	25.50			2.54	1.90	1.36	0.96	155
51	27.20			2.41	1.84	1.28	0.90	155
48	29.04			2.45	1.73	1.22	0.86	155
41	34.00			2.07	1.49	1.06		155
37	38.08			1.89	1.33	0.94		155
31	44.82		2.34	1.64	1.12	0.81		155
27	51.85		2.02	1.42	0.97	0.71		155
25	55.47		1.86	1.33	0.91			155
24	59.30		1.75	1.25				155
22	64.00	3.27	1.64	1.18	0.90			155
20	70.40	3.01	1.50	1.06	0.83			155
19	75.17	2.99	1.53	1.26	0.81			167
17	80.35	2.74	1.67	1.21	0.80			167
16	88.00	2.56	1.57	1.15	0.77			167
14	98.56	2.28	1.43	1.00				168
12	116.00	1.95	1.25	0.92				168
10	134.20	1.70	1.09	0.79				168
9.8	143.58	1.60	1.04					170
8.5	165.65	1.38	0.92					170
7.3	192.50	1.18	0.80					170
6.8	207.06	1.08	0.74					170

输 出 扭 矩 T (N·M) output torque T (N·M)									
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	输出轴径向力 Radial Force of output shaft Fr2(N)
154	9.10					43	60	83	3035
130	10.80				36	50	72	98	3035
121	11.53				39	53	76	105	3035
103	13.60				46	62	89	123	3035
96	14.52				49	66	94	130	3035
82	17.00			38	57	78	109		3035
74	19.04			43	59	86	119		3035
61	22.91			50	66	101	136		3035
55	25.50			58	76	108	154		3035
51	27.20			61	80	115	164		3332
48	29.04			60	85	121	171		3332
41	34.00			71	99	139			3502
37	38.08			78	111	156			3502
31	44.82		63	90	131	181			4004
27	51.85		73	104	152	208			4123
25	55.47		79	111	162				4522
24	59.30		84	118					4522
22	64.00	45	90	125	164				4556
20	70.40	49	98	139	178				4556
19	75.17	53	104	126	181				4556
17	80.35	58	95	131	198				4556
16	88.00	62	101	138	206				4556
14	98.56	70	112	159					4556
12	116.00	82	128	174					4556
10	134.20	94	146	201					4556
9.8	143.58	101	155						4556
8.5	165.65	117	176						4556
7.3	192.50	137	201						4556
6.8	207.06	149	217						4556



BS 系列选型参数表:BS57 BS Series Parameter Selection Table:BS57

		使用系数fb service factor fb								额定输出扭矩 Rated output torque T2N(N·M)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	
130	10.78						2.23	1.64	1.09	169
109	12.80						1.89	1.38	0.93	169
102	13.67					2.59	1.76	1.31	0.87	169
88	16.00					2.19	1.53	1.12		168
78	17.92					1.97	1.36	0.99		168
65	21.57				2.35	1.68	1.17	0.88		168
58	24.00				2.10	2.26	1.59	1.16		245
55	25.60				2.87	2.20	1.48	1.08		245
51	27.33				2.71	2.06	1.42	1.01		245
44	32.00				2.30	1.76	1.21	0.90		245
39	35.84				2.06	1.57	1.07			245
33	43.00				1.78	1.33	0.93			245
29	48.16				1.54	1.15	0.80			245
26	53.28				1.45	1.17				265
25	56.61				1.52	1.06	0.81			245
23	61.09				1.47	1.05	0.76			245
21	67.20			2.48	1.39	1.18	0.81			285
20	71.75			2.42	1.51	1.13	0.76			290
17	84.00		2.80	2.11	1.36	1.02				295
15	94.08		2.57	1.82	1.24	0.92				295
13	110.73		2.21	1.68	1.09	0.81				295
11	128.10		1.95	1.39	0.94					295
10	137.05	2.92	1.83	1.33	0.88					295
8.9	158.12	2.50	1.62	1.19	0.78					295
7.7	182.74	2.16	1.42	1.01						295
7.1	196.00	1.97	1.32	0.95						295

		输 出 扭 矩 T (N·M) output torque T (N·M)								输出轴径向力 Radial Force of output shaft Fr2(N)
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	
130	10.78						72	98	147	5041
109	12.80						85	116	173	5041
102	13.67					62	91	123	184	5041
88	16.00					73	104	143		5041
78	17.92					81	117	161		5041
65	21.57				68	95	136	182		5041
58	24.00				76	103	146	201		5041
55	25.60				81	106	157	215		5542
51	27.33				86	113	164	230		5542
44	32.00				101	132	193	260		5814
39	35.84				113	148	218			5950
33	43.00				131	175	250			6222
29	48.16				151	202	292			6392
26	53.28				161	216				6392
25	56.61				166	220	287			6392
23	61.09				158	222	306			6392
21	67.20			109	167	230	336			6392
20	71.75			114	179	243	362			6392
17	84.00		100	133	202	274				6392
15	94.08		109	154	226	303				6392
13	110.73		127	167	258	346				6392
11	128.10		144	202	299					6392
10	137.05	96	153	211	320					6392
8.9	158.12	112	173	236	359					6392
7.7	182.74	130	197	277						6392
7.1	196.00	142	212	296						6392



BS 系列选型参数表:BS67 BS Series Parameter Selection Table:BS67

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	额定输出扭矩 Rated output torque T2N(N · M)
148	9.45							2.45	1.77	1.33	0.98	340
129	10.86							2.20	1.58	1.20	0.86	340
112	12.54							1.88	1.39	1.03		340
105	13.27						2.65	1.77	1.31	0.99		340
91	15.32						2.31	1.56	1.13	0.85		340
83	16.86						2.11	1.39	1.03	0.78		340
71	19.80						1.81	1.21	0.88			340
67	20.97						1.72	1.14	0.83			340
61	23.10						1.56	1.11	0.81			340
53	26.54						2.02	1.36				480
46	30.64					2.41	1.77	1.17				480
42	33.72					2.26	1.58	1.06				480
37	37.44					2.00	1.44	0.98				480
35	39.60					1.92	1.39	0.92				480
33	41.94					1.82	1.29	0.87				480
29	47.67				2.30	1.57	1.17	0.78				480
27	52.80				2.07	1.48	1.04					480
23	60.20				1.82	1.25	0.90					480
22	64.50			2.30	1.70							480
20	69.17			2.12	1.58		0.83					480
19	74.27			1.98	1.53	1.20						480
18	79.86			1.85	1.53	1.24	0.89					520
16	87.87			2.14	1.65	1.15	0.84					520
14	103.20			1.94	1.38							520
13	109.29	3.74		1.77	1.32	0.92						520
11	124.22	3.34	2.47	1.63	1.23	0.78						520
10	137.60	3.05	2.24	1.48	1.12							520
8.6	162.23	2.61	1.92	1.25	0.94							520
7.7	182.40	2.33	1.70	1.12	0.84							520
7.3	192.38	2.23	1.60	1.06	0.79							520
6.5	215.05	2.00	1.44	0.95								520

输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	输出轴径向力 Radial Force of output shaft Fr2(N)
148	9.45							132	182	243	328	5007
129	10.86							147	204	270	377	5007
112	12.54							172	233	315		5007
105	13.27						122	182	246	327		5007
91	15.32						140	207	285	378		5007
83	16.86						153	232	314	415		5007
71	19.80						178	268	367			5007
67	20.97						188	284	388			5007
61	23.10						207	292	401			5007
53	26.54						226	335				5304
46	30.64					189	257	389				5304
42	33.72					202	289	430				5559
37	37.44					228	316	466				6163
35	39.60					238	327	495				6163
33	41.94					251	354	525				6163
29	47.67				198	291	390	582				6851
27	52.80				220	309	437					6851
23	60.20				250	366	509					7370
22	64.50			198	268							7378
20	69.17			215	288		549					7378
19	74.27			230	299	381						7378
18	79.86			246	323	398	553					7378
16	87.87			231	300	431	588					7378
14	103.20			254	359							7378

BS 系列选型参数表:BS67 BS Series Parameter Selection Table:BS67

输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	输出轴径向力 Radial Force of output shaft Fr2(N)
13	109.29	132		279	373	537						7378
11	124.22	148	200	303	402	631						7378
10	137.60	162	221	334	443							7378
8.6	162.23	189	257	394	524							7378
7.7	182.40	212	290	441	585							7378
7.3	192.38	222	308	465	622							7378
6.5	215.05	247	344	521								7378

BS 系列选型参数表:BS77 BS Series Parameter Selection Table:BS77

使用系数fb service factor fb											
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	额定输出扭矩 Rated output torque T2N(N · M)
146	9.61							2.88	2.06	1.53	725
124	11.25						3.35	2.51	1.77	1.30	720
112	12.45						2.89	2.24	1.62	1.19	720
96	14.58						2.44	1.81	1.33	0.98	710
85	16.45						2.27	1.63	1.19	0.86	710
75	18.64						1.88	1.44	1.06	0.78	705
66	21.25					2.31	1.65	1.25	0.93	0.70	705
60	23.33					2.11	1.51	1.14	0.89	0.64	705
56	24.90					2.95	2.08	1.59	1.17	0.86	1020
54	25.95					2.72	1.97	1.49	1.11	0.82	1020
48	29.17					2.55	1.88	1.42	1.03	0.77	1050
43	32.90					2.38	1.75	1.31	0.96		1090
40	35.00					2.26	1.65	1.22	0.89		1100
38	37.28					2.14	1.57	1.15	0.86		1100
33	42.50				2.76	1.86	1.37	1.02			1100
30	47.17				2.51	1.68	1.26	0.93			1100
26	53.90				2.27	1.50	1.10	0.84			1100
25	56.88				2.17	1.45	1.05	0.80			990
22	64.81				1.90	1.27					1100
21	66.67				1.98	1.33					1040
20	70.70				1.70	1.32					1100
19	75.20				1.59	1.22					1070
16	85.22			2.28	1.66	1.07					1100
14	97.14			2.08	1.51	0.99					1140
13	107.83		2.80	1.94	1.43	0.95					1170
11	123.20		2.56	1.77	1.29	0.89					1200
11	130.00		2.39	1.67	1.23	0.81					1210
9.5	148.15		2.24	1.52	1.13						1240
8.7	161.60		2.13	1.43	1.06						1260
7.7	181.80	2.44	1.85	1.26	0.91						1270
6.6	212.73	2.20	1.64	1.13							1270
6.2	227.14	2.12	1.59	1.07							1270
5.5	253.42	1.88	1.40								1270

输 出 扭 矩 T (N·M) output torque T (N·M)											
名义输出转速 output speed (r/min)	电机功率P Motor power P (kW) 传动比i ratio i	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	输出轴径向力 Radial Force of output shaft Fr2(N)
146	9.61							239	334	450	5075
124	11.25						204	272	387	525	5075
112	12.45						237	306	422	575	5075
96	14.58						276	373	509	690	5075
85	16.45						297	414	568	780	5075
75	18.64						357	466	630	864	5075
66	21.25					290	405	537	718	962	5075



BS 系列选型参数表:BS77 BS Series Parameter Selection Table:BS77

输 出 扭 矩 T (N·M) output torque T (N·M)											
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	输出轴径向力 Radial Force of output shaft Fr2(N)
60	23.33					317	445	590	755	1047	5075
56	24.90					329	466	608	830	1125	6265
54	25.95					356	493	650	875	1178	6265
48	29.17					391	531	703	966	1302	6265
43	32.90					435	592	791	1084		6571
40	35.00					463	635	859	1172		6919
38	37.28					488	664	905	1216		6919
33	42.50				378	561	764	1022			7438
30	47.17				417	621	830	1124			7659
26	53.90				461	696	951	1251			9860
25	56.88				433	647	894	1178			9860
22	64.81				549	825					10455
21	66.67				500	745					10455
20	70.70				614	790					10455
19	75.20				641	835					10455
16	85.22			458	628	973					10455
14	97.14			520	716	1096					10455
13	107.83		397	574	780	1171					10455
11	123.20		445	644	883	1278					10455
11	130.00		480	689	932	1420					10455
9.5	148.15		526	773	1044						10455
8.7	161.60		562	837	1132						10455
7.7	181.80	491	652	960	1320						10455
6.6	212.73	548	735	1071							10455
6.2	227.14	570	760	1124							10455
5.5	253.42	641	863								10455

BS 系列选型参数表:BS87 BS Series Parameter Selection Table:BS87

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	额定输出扭矩 Rated output torque T2N(N · M)
149	9.39								2.55	1.71	1.22	1140
130	10.80							3.14	2.31	1.57	1.13	1240
118	11.83							2.85	2.12	1.43	1.04	1240
103	13.60							2.48	1.80	1.02	0.90	1240
85	16.39							2.07	1.52	0.93	0.76	1240
76	18.31							1.83	1.35	0.85		1240
66	21.09							1.61	1.19	0.74		1240
60	23.46							1.92	1.37	0.87		1600
53	26.24						2.33	1.68	1.23	0.86		1600
51	27.20						2.26	1.65	1.23			1600
47	29.55						2.11	1.50	1.13			1600
43	32.79						1.94	1.40	1.03			1600
38	36.62					2.26	1.73	1.26	0.90			1600
33	42.19					1.97	1.49	1.08	0.80			1600
30	46.92					1.80	1.34	0.97				1600
27	52.48				2.10	1.59	1.23	0.87				1600
24	59.10				1.92	1.40	1.07	0.78				1600
21	66.00				1.92	1.39	1.05	0.86				1700
19	75.17				1.93	1.43	1.09	0.78				1820
17	80.57				1.47	1.06	0.91					1600
16	86.26				1.82	1.33	1.01					1880
15	94.52				1.74	1.25	0.97					1960
15	94.77				1.74	1.25	0.96					1960
14	98.62			2.54	1.67	1.21	0.94					1960
13	109.19			2.26	1.50	1.09	0.83					2000
12	121.44			2.02	1.48	1.08	0.75					2060

BS 系列选型参数表:BS87 BS Series Parameter Selection Table:BS87

使 用 系 数 f _b												
名义输出转速 (r/min)	电机功率P (KW) 传动比i	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	额定输出扭矩 T ₂ N(N · M)
10	135.83			1.97	1.31	0.97						2100
9.2	152.95		2.47	1.76	1.20	0.88						2150
8.4	166.43		2.27	1.65	1.12	0.82						2150
7.5	186.48		2.08	1.50	1.03	0.75						2210
7.1	198.00	2.92	2.01	1.44	1.00							2260
6.3	223.26	2.61	1.83	1.34	0.91							2280
5.7	244.64	2.41	1.67		0.83							2280
5.5	256.67	2.30	1.63	1.18	0.79							2280
4.9	284.00	2.12	1.46	1.08								2280

输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	输出轴径向力 Radial Force of output shaft Fr2(N)
149	9.39								425	635	886	18530
130	10.80							375	509	752	1044	18530
118	11.83							413	556	825	1135	18530
103	13.60							475	654	1152	1303	18530
85	16.39							570	774	1271	1557	18530
76	18.31							643	870	1386		18530
66	21.09							731	990	1594		18530
60	23.46							793	1111	1741		18530
53	26.24						652	903	1238	1772		20995
51	27.20						672	919	1233			20995
47	29.55						722	1010	1349			20995
43	32.79						785	1087	1478			22100
38	36.62					673	881	1206	1693			23035
33	42.19					771	1020	1404	1900			23970
30	46.92					846	1137	1568				24650
27	52.48				723	954	1232	1752				24650
24	59.10				791	1087	1425	1952				24650
21	66.00				839	1159	1536	1869				24650
19	75.17				894	1210	1584	2204				24650
17	80.57				1037	1428	1668					24650
16	86.26				981	1341	1765					24650
15	94.52				1068	1484	1928					24650
15	94.77				1071	1488	1933					24650
14	98.62			733	1112	1545	1982					24650
13	109.19			824	1267	1744	2291					24650
12	121.44			939	1326	1813	2613					24650
10	135.83			994	1528	2066						24650
9.2	152.95		827	1135	1707	2312						24650
8.4	166.43		900	1235	1827	2504						24650
7.5	186.48		1009	1364	2047	2805						24650
7.1	198.00	736	1070	1455	2138							24650
6.3	223.26	830	1186	1605	2391							24650
5.7	244.64	899	1295		2624							24650
5.5	256.67	941	1329	1838	2753							24650
4.9	284.00	1022	1481	2007								24650



BS 系列选型参数表:BS97 BS Series Parameter Selection Table:BS97

使用系数fb service factor fb												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	额定输出扭矩 Rated output torque T2N(N · M)
146	9.56								2.13	1.69	1.43	2040
127	11.05							2.67	1.98	1.59	1.33	2210
110	12.75							2.50	1.79	1.46	1.22	2330
95	14.73							2.25	1.63	1.33	1.12	2470
80	17.61							2.01	1.48	1.19	1.00	2570
69	20.16						2.55	1.73	1.31	1.04	0.87	2600
59	23.79						2.15	1.50	1.09	0.89	0.74	2600
55	25.50						2.23	1.54	1.10	0.93	0.78	2870
53	26.31						1.96	1.37	0.97	0.82	0.68	2600
48	29.45						2.04	1.37	1.02	0.84	0.71	3010
43	32.76						2.03	1.36	0.99	0.81		3200
40	35.22						1.89	1.34	0.94	0.77		3300
38	36.39						1.83	1.29	0.92	0.75		3300
35	40.32					2.29	1.69	1.15	0.83			3300
29	47.57					1.92	1.41	0.97				3300
27	52.62				2.35	1.73	1.30	0.87				3300
24	59.33				2.19	1.58	1.14					3300
21	65.52				1.74	1.40	1.02					2900
19	72.78				1.75	1.30	0.95					3300
18	76.91				1.53	1.29	0.95					3080
17	81.43			2.11	1.51	1.28	0.94					3230
16	88.04		2.87	2.10	1.59	1.17	0.87					3240
14	100.80		2.71	1.96	1.57	1.06	0.83					3440
12	118.93		2.41	1.77	1.35	0.98						3510
11	131.54		2.21	1.65	1.26	0.90						3650
9.4	148.33		2.06	1.51	1.13	0.83						3730
8.5	163.80		1.95	1.42	1.06	0.78						3840
7.7	181.96		1.79	1.32	0.98							3920
6.9	203.57	2.40	1.64	1.21	0.91							4000
6.4	218.40	2.29	1.53	1.14	0.85							4000
5.2	271.43	1.96	1.31	0.97								4000
4.7	294.78	1.76	1.18	0.86								4000

BS 系列选型参数表:BS97 BS Series Parameter Selection Table:BS97

输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	输出轴径向力 Radial Force of output shaft Fr2(N)
14	100.80		1206	1668	2087	3074	3935					29325
12	118.93		1386	1882	2462	3398						29325
11	131.54		1571	2106	2752	3856						29325
9.4	148.33		1716	2339	3136	4288						29325
8.5	163.80		1873	2575	3429	4685						29325
7.7	181.96		2078	2812	3799							29325
6.9	203.57	1549	2314	3138	4177							29325
6.4	218.40	1662	2479	3345	4479							29325
5.2	271.43	1941	2905	3907								29325
4.7	294.78	2155	3232	4429								29325

输 出 扭 矩 T (N·M) output torque T (N·M)												
名义输出转速 output speed (r/min)	电机功率P Motor power P (KW) 传动比i ratio i	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	输出轴径向力 Radial Force of output shaft Fr2(N)
146	9.56								912	1145	1359	21165
127	11.05							785	1063	1318	1575	21165
110	12.75							887	1236	1521	1816	21165
95	14.73							1041	1437	1764	2089	21165
80	17.61							1212	1649	2060	2433	21165
69	20.16						970	1427	1891	2382	2846	21165
59	23.79						1150	1646	2269	2789	3321	21165
55	25.50						1220	1770	2476	2935	3515	24650
53	26.31						1258	1798	2540	3025	3654	24650
48	29.45						1400	2094	2812	3421	4034	24650
43	32.76						1501	2234	3075	3774		25840
40	35.22						1660	2336	3324	4064		26605
38	36.39						1716	2437	3416	4190		26605
35	40.32					1371	1860	2737	3764			27880
29	47.57					1636	2227	3242				28985
27	52.62				1332	1808	2409	3586				29325
24	59.33				1432	1990	2746					29325
21	65.52				1582	1963	2708					29325
19	72.78				1788	2416	3283					29325
18	76.91				1918	2264	3095					29325
17	81.43			1454	2031	2397	3277					29325
16	88.04		1071	1465	1930	2638	3553					29325

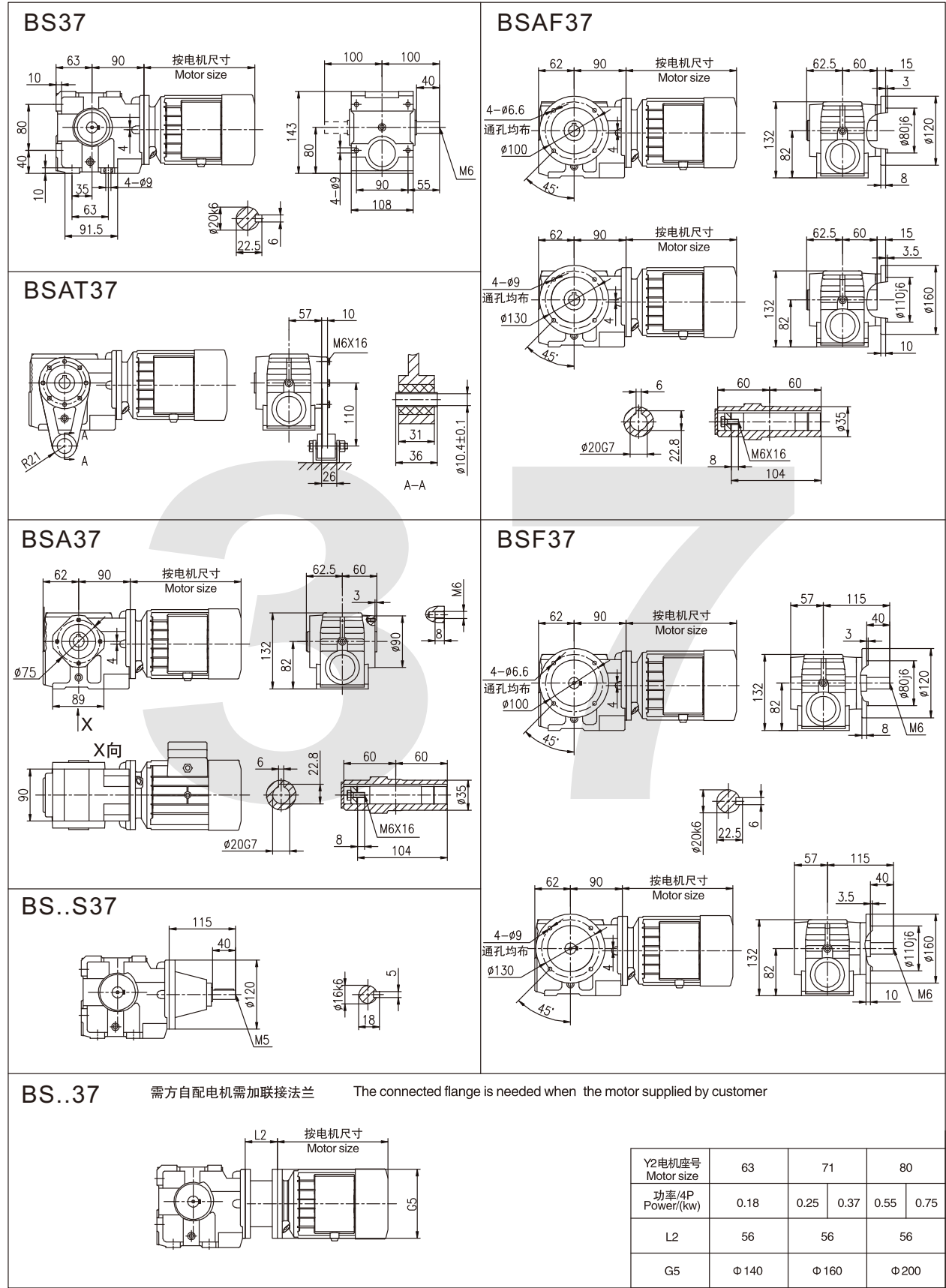


BS组合参数表 BS Combined parameters table

		使用系数fb service factor fb					
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW
4.8	294	BS47BR17 BSF47BR17 BSA47BR17 BFAF47BR17	0.80				
5.4	257		1.15				
6.1	229		1.00				
7.0	200		1.15				
7.5	187		1.20				
8.5	165		1.40				
9.5	148		1.55				
11	131		1.70				
3.2	438	BS57BR17 BSF57BR17 BSA57BR17 BFAF57BR17	0.85				
3.6	388		1.00				
4.2	336		1.10				
4.8	294		1.30	0.90			
5.2	269		1.35	0.95			
6.1	229		1.60	1.10			
6.9	204		1.80	1.25			
7.5	187		1.95	1.35			
8.5	165			1.50			
11	131			1.90			
1.7	809	BS67BR37 BSF67BR37 BSA67BR37 BFAF67BR37	0.85				
2.0	712		1.00				
2.3	615		1.15				
2.6	543		1.30	0.90			
3.0	469		1.55	1.05			
3.3	424		1.70	1.15			
3.8	365		1.90	1.30	0.95		
4.4	319			1.50	1.05		
5.0	281			1.75	1.20		
5.7	246				1.35	0.90	
6.3	221					1.00	
7.1	198					1.10	
8.3	168					1.25	
1.3	1100	BS77BR37 BSF77BR37 BSA77BR37 BFAF77BR37	1.25				
1.5	954		1.45	1.00			
1.7	837		1.65	1.15			
2.0	714		2.00	1.35	0.95		
2.2	637		2.2	1.55	1.10		
2.4	574		2.5	1.70	1.20		
2.8	499			2.00	1.40	0.90	
3.2	438				1.60	1.05	
3.6	389				1.80	1.15	
4.3	327					1.35	1.00
4.8	289					1.50	1.10
5.6	250					1.75	1.30
6.4	219						1.45

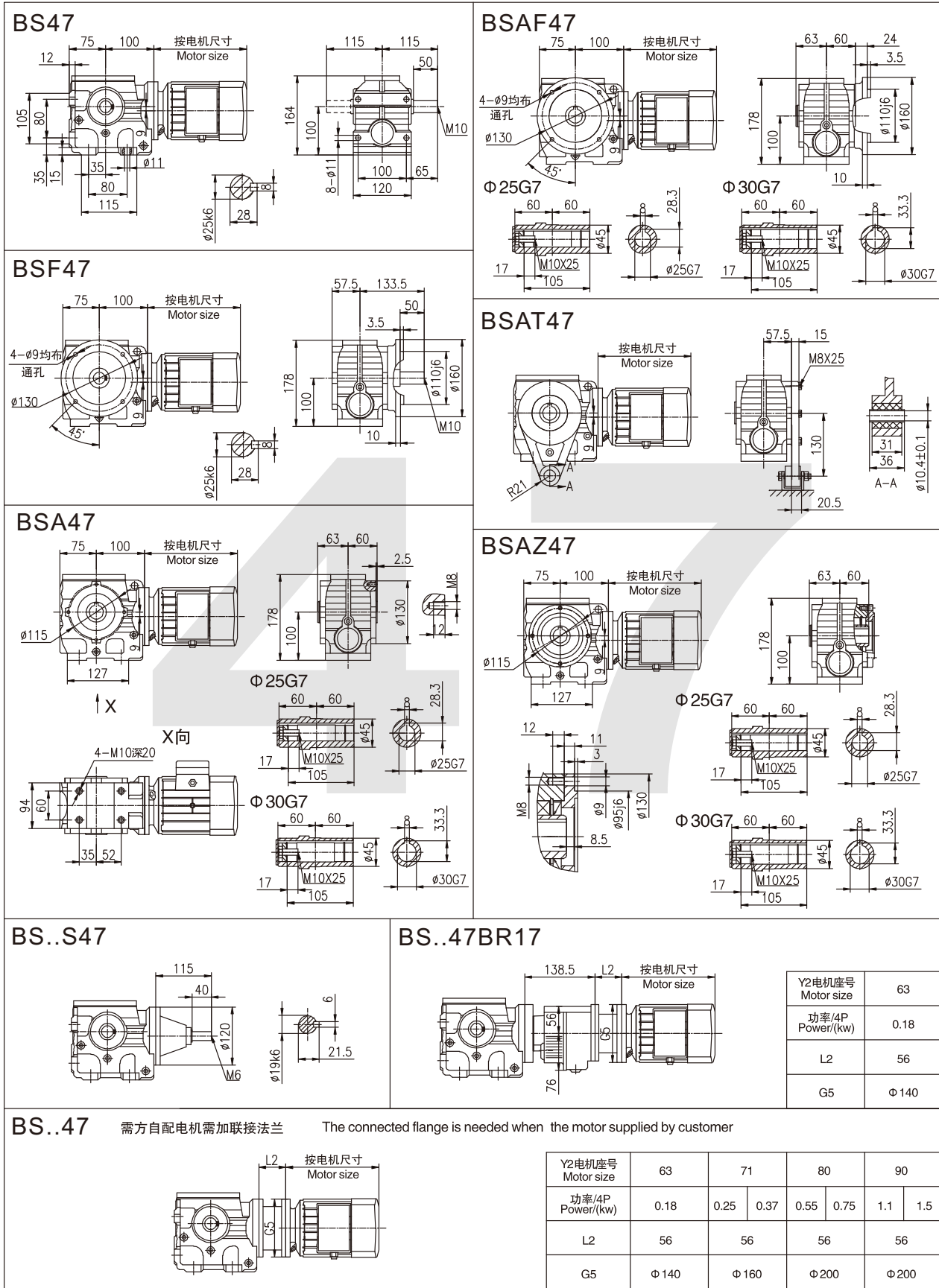
		使用系数fb service factor fb							
名义输出转速 output speed (r/min)	传动比i ratio i	机型号 Type	0.18KW	0.25KW	0.37KW	0.55KW	0.75KW	1.1KW	1.5KW
0.40	3475	BS87BR57 BSF87BR57 BSA87BR57 BFAF87BR57	1.05						
0.48	2905		1.25	0.85					
0.54	2586		1.45	1.00					
0.60	2335		1.65	1.10					
0.68	2054		1.60	1.30	0.90				
0.77	1824		2.1	1.45	1.00				
0.86	1631		2.4	1.60	1.10				
1.1	1332					0.90			
1.2	1191					1.00			
1.4	1032					1.15	0.85		
1.5	930			2.8	1.90	1.25	0.90		
1.7	831				2.10	1.35	1.00		
1.9	719					1.55	1.15		
2.2	624					1.80	1.30	0.90	
2.5	558					1.95	1.45	1.00	
2.9	485					2.4		1.10	0.80
3.2	435						1.75	1.20	0.90
3.7	378							1.35	1.00
4.3	323						2.3	1.55	1.15
5.0	281							1.75	1.30
5.5	255							1.35	1.00
6.3	222							1.55	1.15
6.8	205							1.65	1.20

使用系数fb service factor fb								
名义输出转速 output speed (r/min)	传动比 ratio i	机型号 Type	0.75KW	1.1KW	1.5KW	2.2KW	3KW	4KW
1.1	1223	BS97BR57 BSF97BR57 BSA97BR57 BFAF97BR57	0.85					
1.3	1070		1.00					
1.5	928		1.15					
1.7	824		1.30	0.90				
2.0	714		1.85	1.25	0.90			
2.2	626		1.70	1.15	0.85			
2.6	538		2.00	1.35	1.00			
2.9	484		2.2	1.50	1.10			
3.3	420			1.75	1.25	0.85		
3.7	376				1.40	0.95		
4.3	327				1.60	1.10		
4.9	287					1.25	0.90	
5.6	252					1.40	1.00	
6.4	219						1.15	0.90
6.8	205						1.25	0.95



注：1、BSA、BSF、BSAF、BSAZ壳体为通用件，安装尺寸均可相互参照。
2、“BS..”表示BS、BSA、BSF、BSAF、BSAZ、BSAT。
3、需方自配电机G5≥Φ160时，是否影响正常安装。

Note: 1. The housings of BSA、BSF、BSAF、BSAZ are common parts, The mounting dimensions may consult each other.
2. “BS..” means BS、BSA、BSF、BSAF、BSAZ、BSAT.
3. If the motor provided by the purchaser is G5≥Φ160, please check if normal installation is influenced.

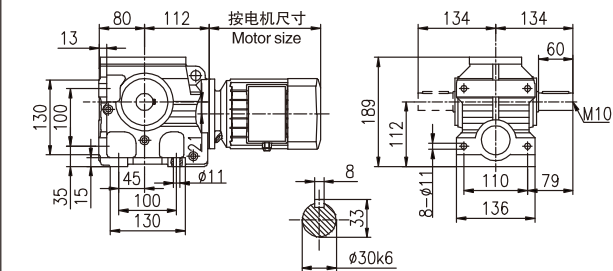


注：1、BSA、BSF、BSAF、BSAZ壳体为通用件，安装尺寸均可相互参照。
2、“BS..”表示BS、BSA、BSF、BSAF、BSAZ、BSAT。
3、需方自配电机G5≥Φ200时，是否影响正常安装。

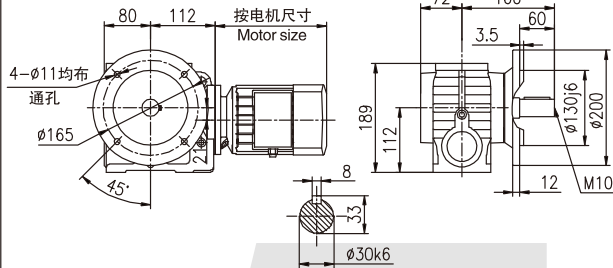
Note: 1. The housings of BSA、BSF、BSAF、BSAZ are common parts, The mounting dimensions may consult each other.
2. “BS..” means BS、BSA、BSF、BSAF、BSAZ、BSAT.
3. If the motor provided by the purchaser is G5≥Φ200, please check if normal installation is influenced.



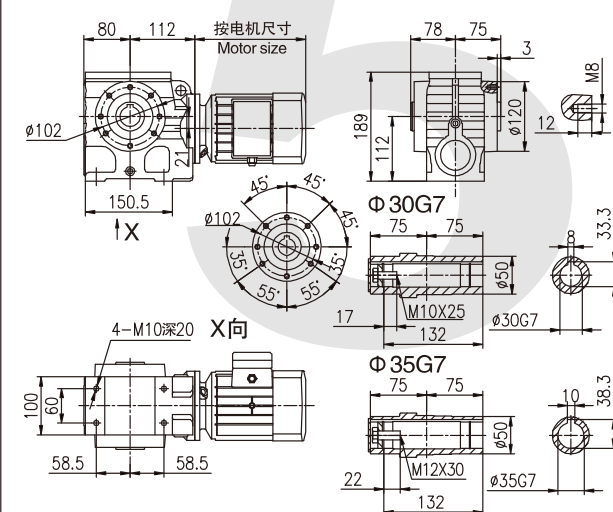
BS57



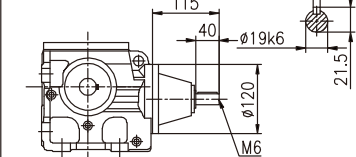
BSF57



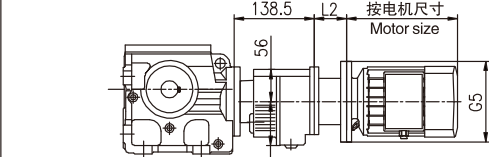
BSA57



BS..S57

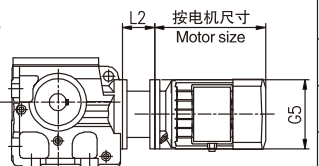


BS..57BR17

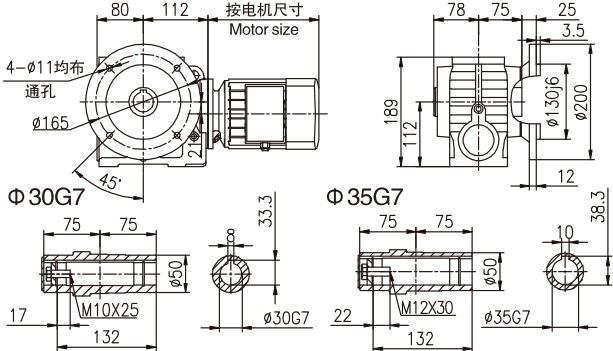


BS..57

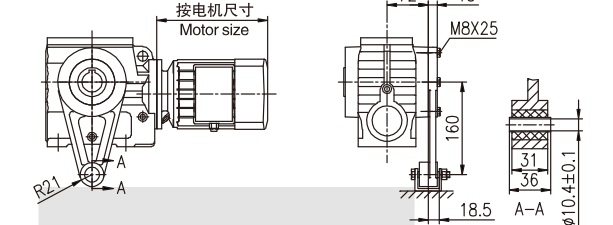
需方自配电机需加联接法兰
The connected flange is needed when the motor supplied by customer



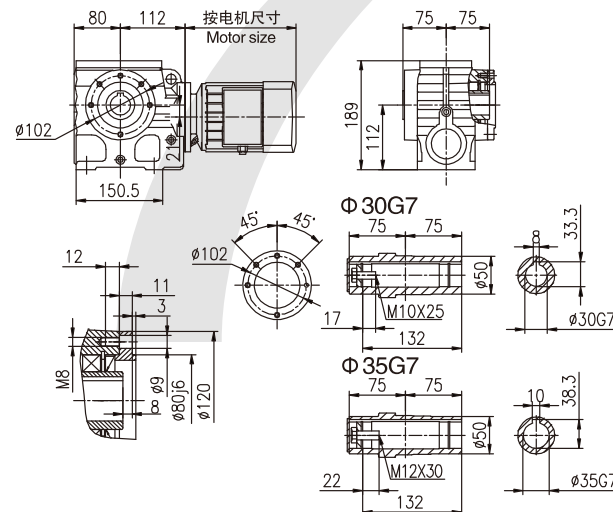
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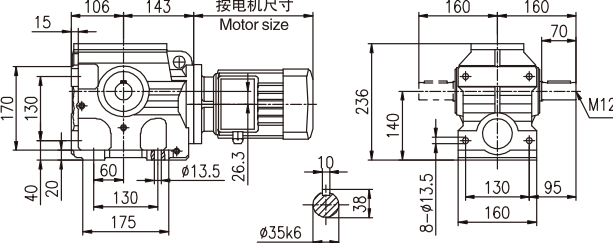
BSAT57



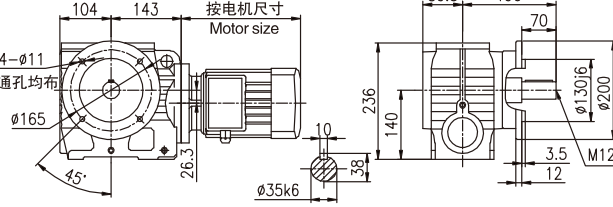
BSAZ57



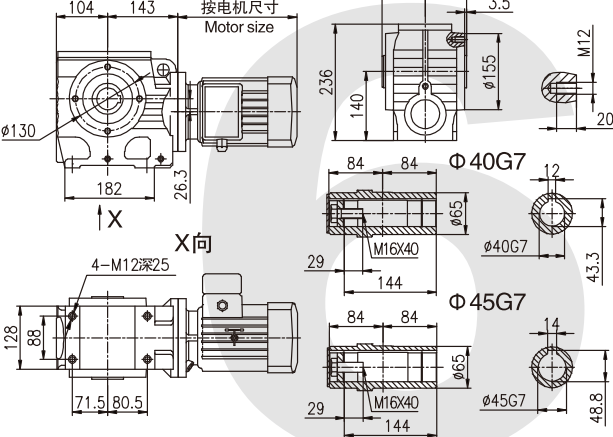
BS67



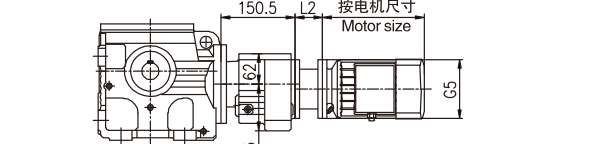
BSF67



BSA67

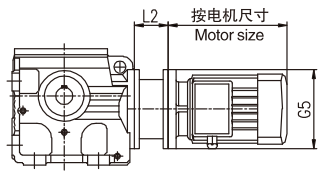


BS..67BR37

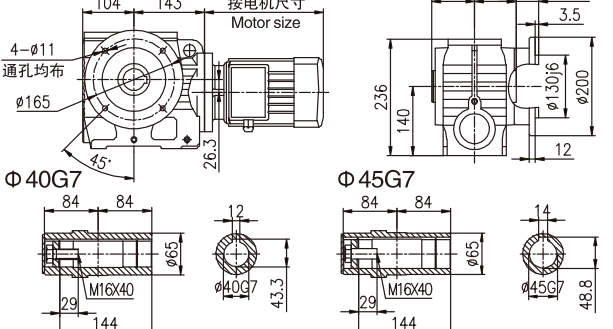


BS..67

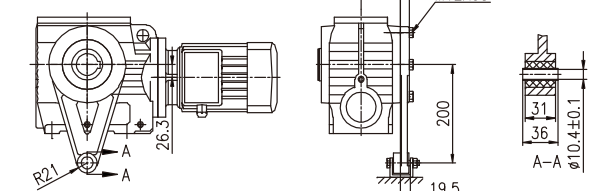
需方自配电机需加联接法兰
The connected flange is needed when the motor supplied by customer



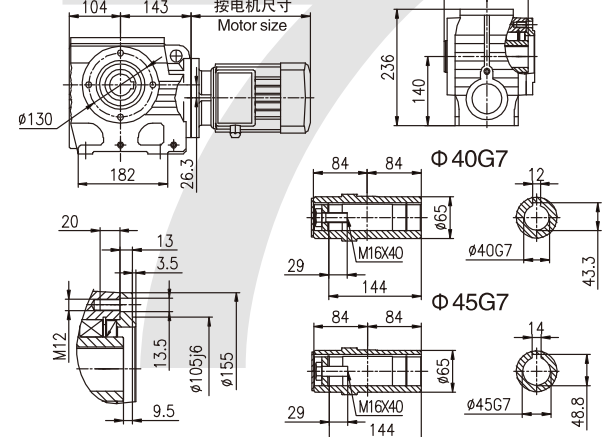
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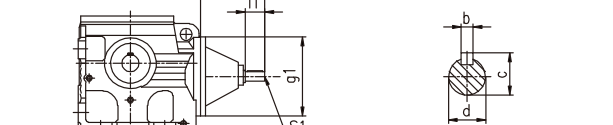
BSAT67



BSAZ67



BS..S67



注：1、BSA、BSF、BSAF、BSAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BS..”表示BS、BSA、BSF、BSAF、BSAZ、BSAT。
3、需方自配电机G5≥Φ200时，是否影响正常安装。

Note: 1. The housings of BSA、BSF、BSAF、BSAZ are common parts, The mounting dimensions may consult each other.
2. “BS..” means BS、BSA、BSF、BSAF、BSAZ、BSAT.
3. If the motor provided by the purchaser is G5≥Φ200, please check if normal installation is influenced.

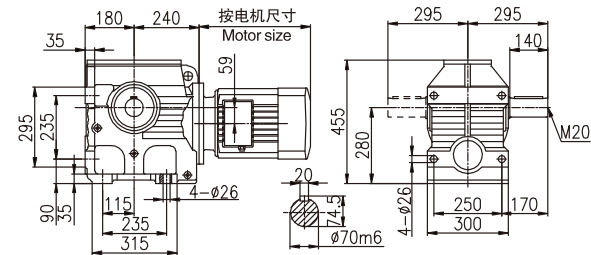
注：1、BSA、BSF、BSAF、BSAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BS..”表示BS、BSA、BSF、BSAF、BSAZ、BSAT。
3、需方自配电机G5≥Φ250时，是否影响正常安装。

Note: 1. The housings of BSA、BSF、BSAF、BSAZ are common parts, The mounting dimensions may consult each other.
2. “BS..” means BS、BSA、BSF、BSAF、BSAZ、BSAT.
3. If the motor provided by the purchaser is G5≥Φ250, please check if normal installation is influenced.

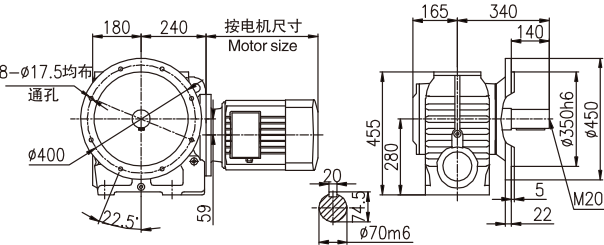


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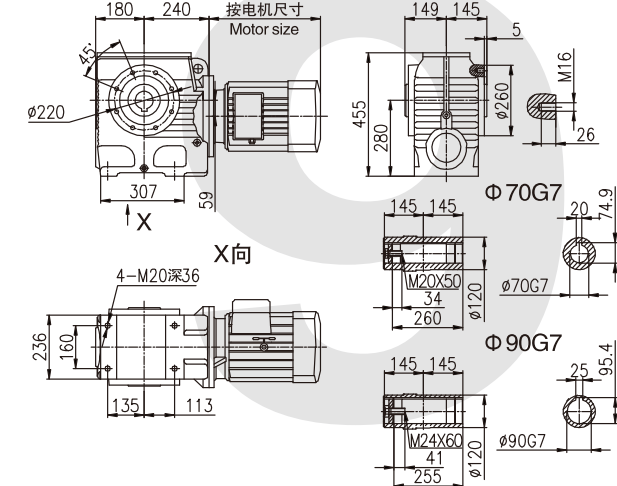
BS97



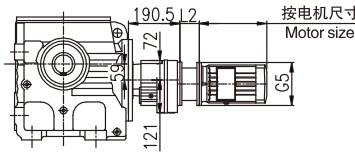
BSF97



BSA97



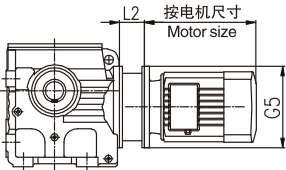
BS..97BR57



Y2电机座号 Motor size	80	90	100
功率/4P Power/(kw)	0.55	0.75	1.1
L2	72	72	68
G5	Φ 200	Φ 200	Φ 250

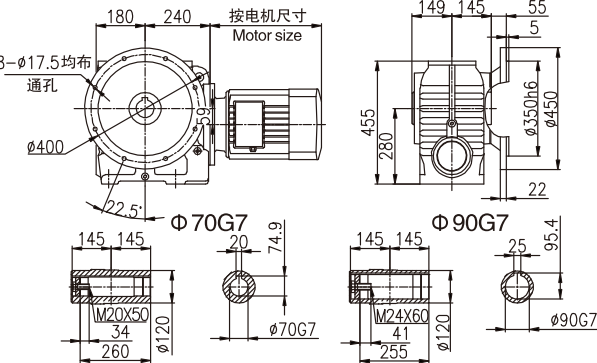
BS..97

需方自配电机需加联接法兰
The connected flange is
needed when the motor
supplied by customer

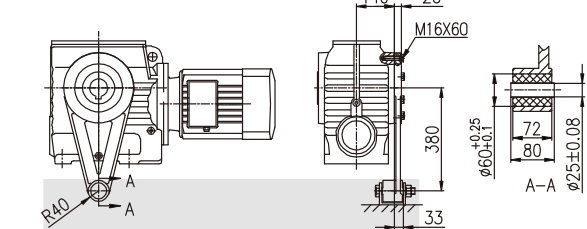


Y2电机座号 Motor size	90		100		112	132		160		180	
功率/4P Power/(kw)	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22
L2	50		50		50	92		113		113	
G5	Φ 200		Φ 250		Φ 250	Φ 300		Φ 350		Φ 350	

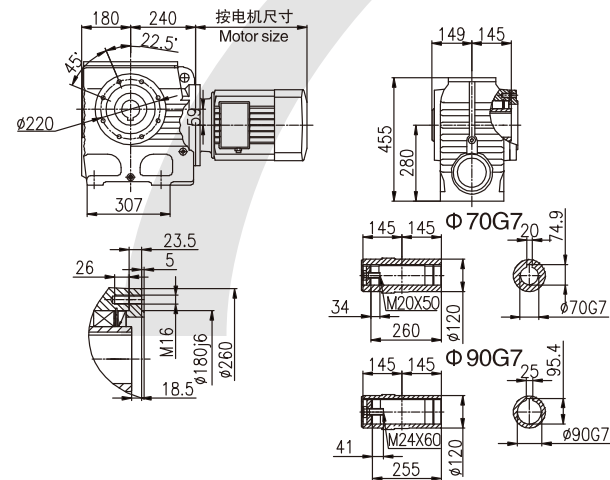
BSAF97



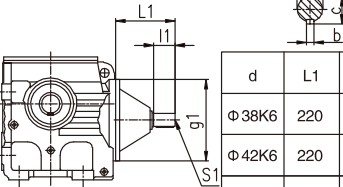
BSAT97



BSAZ97



BS..S97

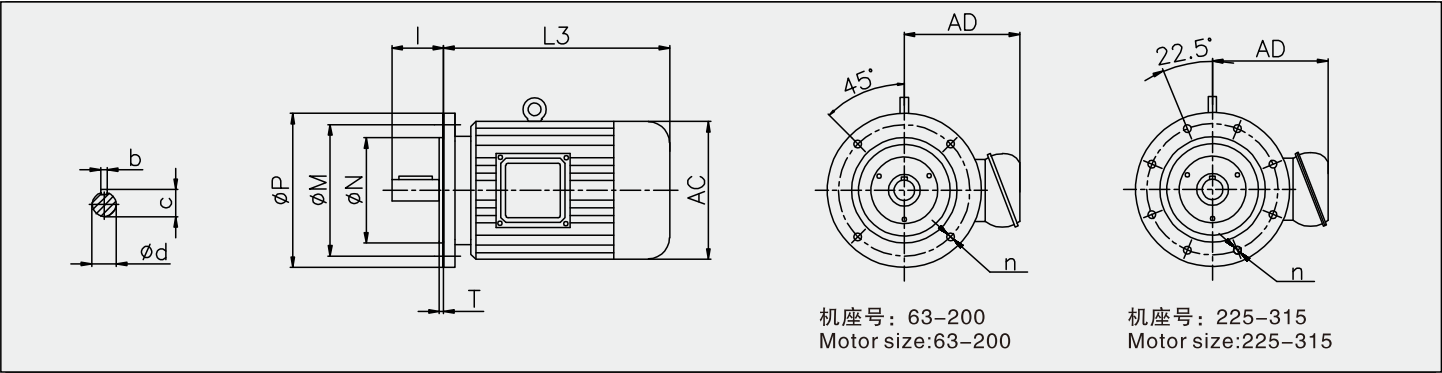


d	L1	l1	S1	c	b	g1
Φ 38K6	220	80	M12	41	10	Φ 300
Φ 42K6	220	80	M16	45	12	Φ 300
Φ 48K6	200	80	M16	51.5	14	Φ 300

注：1、BSA、BSF、BSAF、BSAZ 壳体为通用件，安装尺寸均可相互参照。
2、“BS..”表示BS、BSA、BSF、BSAF、BSAZ、BSAT。

Note: 1. The housings of BSA、BSF、BSAF、BSAZ are common parts,
The mounting dimensions may consult each other.
2. "BS.." means BS、BSA、BSF、BSAF、BSAZ、BSAT.

标准普通电机和特殊电机的参数及安装尺寸
Parameters and installations of ordinary motors and special motors

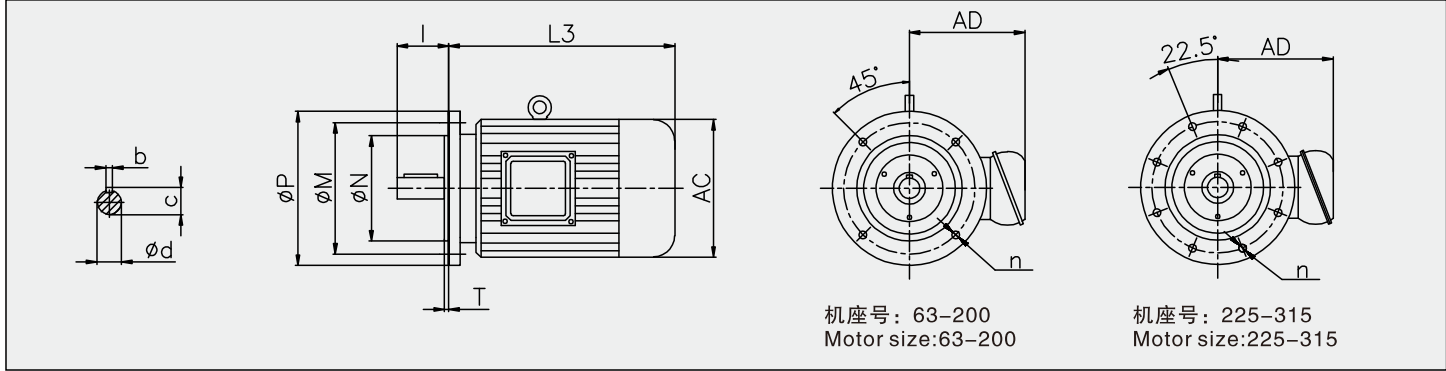


电机 机座号 Motor size	4P Class4		6P Class6		8P Class8		L3				AB	AC	安装尺寸 Mounting dimensions (mm)										重量(kg)(4P)			
	P1 (KW)	n1 (r/min)	P1 (KW)	n1 (r/min)	P1 (KW)	n1 (r/min)	Y2	YB	YEJ	YVP	Y2	Y2	M	N	P	n	T	d	l	b	c	Weight(kg)(4P)				
																						Y2	YB	YEJ	YVP	
63	0.12	1390					202	270	328		70	130	115	95j6	140	4xΦ10	3	11j6	23	4	8.5	13			11	
	0.16	1390																				13.5	15		12	
71	0.25	1390	0.18	900			225	285	345		80	145	130	110j6	160	4xΦ10	3.5	14j6	30	5	11	14	16	12	14	
	0.37	1390	0.25	900																		14.5	16	13	15	
80	0.55	1390	0.37	900	0.18	690	225	290	350	310	145	175	165	130j6	200	4xΦ12	3.5	19j6	40	6	15.5	15	31	20	16	
	0.75	1390	0.55	900	0.25	690																16	32	21	17	
90S	1.1	1400	0.75	910	0.37	690	270	310	370	320	155	195	165	130j6	200	4xΦ12	3.5	24j6	50	8	20	23	35	27	23	
90L	1.5	1400	1.1	910	0.55	690	295	335	395	345			165	130j6	200	4xΦ12	3.5	24j6	50	8	20	25	39	31	28	
100	2.2	1420	1.5	940	0.75	700	325	370	420	370	180	215	215	180j6	250	4xΦ15	4	28j6	60	8	24	33	49	41	35	
	3	1420			1.1	700																35	53	44	36	
112M	4	1440	2.2	940	1.5	700	340	400	450	390	190	240	215	180j6	250	4xΦ15	4	28j6	60	8	24	41	67	60	43	
132S	5.5	1440	3	960	2.2	710	390	430	505	450	210	275	265	230j6	300	4xΦ15	4	38k6	80	10	33	65	93	85	63	
132M	7.5	1440	4	960	3	710	430	470	545	490	210	275	265	230j6	300	4xΦ15	4	38k6	80	10	33	76	105	98	75	
			5.5	960																						
160M	11	1460	7.5	970	4	720	505	545	610	550	255	330	300	250h6	350	4xΦ19	5	42k6	110	12	37	118	150	143	116	
					5.5	720																				

注：由于结构需要及生产厂家不同，有时参数有所变化，此表仅供参考，准确尺寸请来电垂询。
Note:Parameters may vary according to different structural requirements and manufacturers.
This table is only for reference.Please call us for exact dimensions.

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标准普通电机和特殊电机的参数及安装尺寸
Parameters and installations of ordinary motors and special motors



电机 机座号 Motor size	4P Class4		6P Class6		8P Class8		L3				AB	AC	安装尺寸 Mounting dimensions (mm)										重量(kg)(4P) Weight(kg)(4P)			
	P1 (KW)	n1 (r/min)	P1 (KW)	n1 (r/min)	P1 (KW)	n1 (r/min)	Y ₂	Y _B	Y _{EJ}	Y _{VP}	Y ₂	Y ₂	M	N	P	n	T	d	l	b	c	Y ₂	Y _B	Y _{EJ}	Y _{VP}	
160L	15	1460	11	970	7.5	720	560	585	655	595	255	330	300	250h6	350	4xΦ19	5	42k6	110	12	37	132	169	165	136	
180M	18.5	1470			/		590	620	715	740	280	380	300	250h6	350	4xΦ19	5	48k6	110	14	42.5	164	205	203	169	
180L	22	1470	15	970	11	730	630	640	765	790					300	250h6	350	4xΦ19	5	48k6	110	14	42.5	182	222	216
200	30	1470	18.5	970	15	730	660	695	790	850	305	420	350	300h6	400	4xΦ19	5	55k6	110	16	49	245	300	296	236	
			22	970																						
225S	37	1480			18.5	730	675	705	860	910	335	470	400	350h6	450	8xΦ19	5	60m6	140	18	53	258	360	370	291	
225M	45	1480	30	980	22	730	705	730	890	940	335	470	400	350h6	450	8xΦ19	5	60m6	140	18	53	290	390	405	327	
250	55	1480	37	980	30	730	770	795		1060	370	510	500	450h6	550	8xΦ19	5	65m6	140	18	58	388	530	498	393	
280S	75	1480	45	980	37	740	845	870		1160	410	580	500	450h6	550	8xΦ19	5	75m6	140	20	67.5	510	660	633	520	
280M	90	1485	55	980	45	740	895	920		1260			500	450h6	550	8xΦ19	5	75m6	140	20	67.5	606	785	723	610	
315S	110	1485	75	985	55	740	1100	1100		1330	576	645	600	550h6	660	8xΦ24	6	80m6	170	22	71	910	1000	1150	950	
315M	132	1485	90	985	75	740	1180	1180		1380	576	645	600	550h6	660	8xΦ24	6	80m6	170	22	71	1000	1100	1230	1030	
315L	160	1485	110	985	90	740	1270	1270		1450	576	645	600	550h6	660	8xΦ24	6	80m6	170	22	71	1055	1100	1320	1100	
	200	1485	132	985	110	740					576	645										1128	1160	1420	1200	

注：由于结构需要及生产厂家不同，有时参数有所变化，此表仅供参考，准确尺寸请来电垂询。
Note:Parameters may vary according to different structural requirements and manufacturers.
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