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重庆赛力盟电机有限责任公司

CHONGQING ELECTRIC MACHINE FEDERATION LTD.

三相交流异步电动机安全使用说明书 (H80~355)

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安全注意事项

请在安装、接线、运行、维护、检查之前，必须熟读本说明书的全部内容，做到正确使用。请熟知三相异步电动机的有关知识，安全信息和注意事项后再使用。

本说明书有关安全注意事项的等级分为“危险”和“注意”两组。

⚠危险：错误使用会有危险，可能会造成人员伤亡、残废或重伤。

⚠注意：错误使用会有危险，可能会造成中度伤害、轻伤或财产损失。

有时，即使对“注意”类说明的事项，如不遵守，根据情况，也有可能发生严重后果，所以本说明书所述的内容都是很重要的，请务必遵守规定。

- 本说明书的内容若有更改，恕不另行通知。
- 对于任何公司或个人因不正确使用这些产品所导致的或相关的任何特殊的、间接的、偶然的、或结果性的损失，本公司概不负责。

⚠ 危险

- 该电机适用于工频电源供电的一般用途的三相交流异步电动机，不适用于特殊场合或作特殊用途用，否则可能引起电机烧毁或缩短电机使用寿命。特殊场合和特殊用途电动机应在订货时特殊注明。
- 该电机绝对不能使用于维持生命装置等直接有关人身安全的场合。
- 该电机是在严格的质量管理条件下生产的，可是若由于本产品的故障预计将引发重大事故或损失的应用场合，则必须设置安全装置，以防万一，否则可能引起重大事故。
- 从供电电网的质量，启动和制动特性，调整性能和控制特性等方面综合考虑选择的电动机类型，否则将引起电网及设备的损坏，严重时将危及人的生命安全。

⚠ 注意

- 电动机的额定功率能够满足负载额定运行的要求，选择电动机应与负载功率相匹配。
- 电动机应具有生产机械所需要的过载力和启动能力。
- 本说明书主要针对连续工作制电动机，其他工作制的电动机参照相关技术手册内容使用，选择电动机时要充分考虑电动机的工作制。
- 电动机的防护等级有IP44, IP54, IP55等，被使用在户外或者是高盐环境中的电动机，其设计和制造则与普通型电动机是不同的，必须在订货合同中显著地位置注明。





三相交流异步电动机 安全使用说明书 (H80~355mm)

1 概述

1.1 本电动机符合IEC34-1、GB755标准。

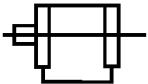



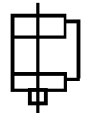
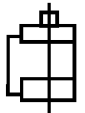
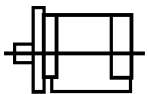
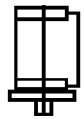

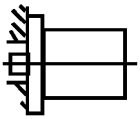
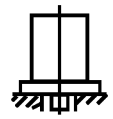
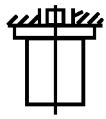
1.2 本安全使用说明书适用于Y、Y2、Y3、YCE3、YE2系列一般用途三相异步电动机，Y2E、YX3、YCE2、YE3系列高效率三相异步电动机，YQ系列高启动转矩三相异步电动机，以及各相应派生系列或订制系列三相异步电动机（以下简称电动机）。外壳基本防护等级IP44、IP54、或IP55，冷却方式为IC411。

1.3 电动机的结构及安装型式按表1

1.4 电动机在环境空气温度不低于-20℃，不超过40℃，海拔不超过1000m，并在额定电压、额定频率下按额定功率连续运行。绕组的接线方式为：3kW及以下“Y”接法；4kW及以上“ Δ ”接法；绝缘等级为B级（或F级或H级），定子绕组温升限值（电阻法）：B级考核不超过80K、F级考核不超过105K，H级考核不超过125K。



表 1

| | | | | | | |
|---------------|---|---|---|---|---|---|
| 代号 | IMB3 | IMB6 | IMB7 | IMB8 | IMV5 | IMV6 |
| 示意图 |  |  |  |  |  |  |
| 制造范围 (中心高) | 80-355 | 80-160 | | | | |
| 代号 | IMB35 | IMV16 | IMV35 | IMB5 | IMV1 | IMV3 |
| 示意图 |  |  |  |  |  |  |
| 制造范围 (中心高) | 80-355 | 80-160 | | 80-225 | 80-355 | 80-160 |



2 安装前的准备

- 2.1 电动机开箱前应检查包装是否完整无损，有无受潮的迹象。
- 2.2 电动机开箱后应小心清除电机上的尘土、轴伸及法兰部位的防锈油脂。
- 2.3 检查电动机的铭牌数据是否符合要求。
- 2.4 仔细检查电动机在运输过程中，有无变形或损坏，紧固件有否松动或脱落。试用手转动电动机是否灵活。
- 2.5 用兆欧表测量绝缘电阻，其值不应低于 $0.5M\Omega$ ，否则应对定子绕组进行干燥处理，干燥处理时温度不超过 120°C 。

3 电动机的安装

- 3.1 电动机允许用联轴器，正齿轮及皮带轮传动，但对 4kW 以上的2极电动机和 30kW 以上4极电动机建议不采用皮带传动。如选用皮带轮传动，应合理选取皮带轮型式，皮带轮直径，皮带包角、预紧力等。
- 3.2 采用皮带轮传动时，电动机轴中心线与负荷中心线平行且要与皮带中心线垂直，采用联轴器传动时，电动机轴中心线与负荷轴中心线应重合。皮带轮和联轴器应校动平衡。
- 3.3 对立式安装的电动机，轴伸除皮带轮（或相当于普通皮带轮负荷）外不允许再带其它任何轴向负荷装置。



3.4 电动机的安装应保证良好的通风冷却条件。

4.3 按照铭牌上的规定接法接成 Δ 或Y见下图示。

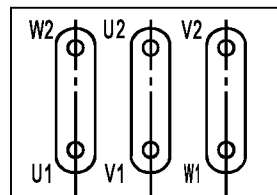
4 电动机的运转

4.1 电动机应妥善接地，接线盒内右下方有接地标记。当电机功率大于100kW时，在电动机的底脚或法兰盘处另有紧固螺栓接地。

4.2 电动机的出线板上有6个接线柱，线端标志按列表2。

表2

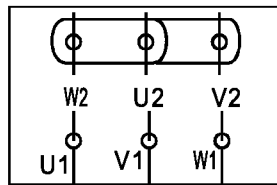
| 相序 | A | B | C |
|----|----|----|----|
| 首端 | U1 | V1 | W1 |
| 末端 | U2 | V2 | W2 |



A B C

电源

Δ 接法



A B C

电源

Y 接法

表3

| 机座号 | 加热器功率W |
|---------|--------|
| 132~160 | 50 |
| 180~225 | 100 |
| 250~280 | 150 |
| 315~355 | 300 |

当电源相序A、B、C分别与接线柱标志U₁、V₁、W₁相对应时，电动机的转向，从主轴伸端视之为顺时针，更换任意两相电源相序，电动机的转向就与原来相反。

4.4 电动机一般不加装加热器。如果电动机内部

安装有加热器时，其接线方式如下：

加热器电源接头在电动机接线盒内，电源为交流电，电源电压为220V，加热器接头标志：H₁、H₂，接线方法见下图示，加热器功率见表3。



一支加热器时

两支加热器时

4.5 电动机允许满压起动或降压起动（用电抗器或Y- Δ 启动器）。但应注意满压起动时有5~7倍额定电流的起动电流。降压起动时，



转矩与电压变化的平方成正比。当电网容量不足时，宜降压起动。而当静负荷相当大时，只能用满压起动。如电动机起动困难并发热时，应停止起动，查明原因，下次起动前，电动机应冷却。

4.6 电动机一般应有热保护与短路保护装置，并根据电动机的铭牌电流调整保护装置的整定值。

4.7 当电源的频率与铭牌上数值偏差超过1%或电压偏差超过5%时，电动机额定输出应当降低，连续工作的电动机，不允许过载。

4.8 电动机空载或负载运行不应有断续的或异常

的响声或振动，轴承最高工作温度不应超过95℃（温度计法）。

5 电动机的维护、修理

5.1 使用环境应经常保持干燥，电动机表面应保持清洁，进风口不得受尘土，纤维等的阻碍。

5.2 当电动机的热保护及短路保护连续发生动作时，应查明故障是来自电动机，还是超负荷或保护装置整定值太低，消除故障后，方可投入运行。

5.3 应保证电动机在运行过程中良好的润滑，一般电动机运行3000~5000h左右（矿山机械、

沙石加工等场合运行1000~2000h左右），即应补充或换润滑脂（封闭轴承在使用寿命期内不必更换润滑脂）。运行中发现轴承过热或润滑脂变质时，应及时更换润滑脂。更换润滑脂时，应清除旧的润滑脂并用汽油洗净轴承及轴承盖的油槽，然后将2号通用锂基润滑脂（订制产品按对应牌号）填充轴承内外圆之空腔的1/2（对2极）或2/3（对4、6、8、10极）。

5.4 当轴承的寿命终了时，电动机运行时的振动及噪声将明显增大，检查轴承的游隙达到表4规定的值时，即应更换轴承。电动机的轴承规格见表5。

5.5 拆卸电动机时，从轴伸或非轴伸端取出转子都可以，如果没有必要卸下风扇，还是从非

轴伸端取出转子较为方便，从定子中抽出转子时，应防止损坏定子绕组或绝缘。

6 电动机的贮存，运输

6.1 电动机的贮存应置于防潮、防尘、无腐蚀性物质、有较好防护条件的场所。

6.2 电动机贮存中不宜堆码太高，以免损坏下层电动机的包装。

6.3 贮存及运输中应防止电动机的倾倒或倒置。

表4

| 轴承内径 | 20~30 | 35~50 | 55~80 | 85~120 |
|--------|-------|-------|-------|--------|
| 极限磨损游隙 | 0.1 | 0.15 | 0.20 | 0.30 |



表5

| 机座号 | 极数 | 轴承规格 | | 轴承尺寸 (内径×外径×宽度) |
|--------|----------|-----------------|------------|--------------------|
| | | 主轴伸端 | 风扇端 | |
| 80 | 2、4 | 6204-2RSZ1 | 6204-2RSZ1 | 20×47×14 |
| 90 | 2、4、6 | 6205-2RSZ1 | 6205-2RSZ1 | 25×52×15 |
| 100 | 2、4、6 | 6206-2RSZ1 | 6206-2RSZ1 | 30×62×16 |
| 112 | 2、4、6 | 6306-2RSZ1 | 6306-2RSZ1 | 30×72×19 |
| 132 | 2、4、6、8 | 6208-2RSZ1 | 6208-2RSZ1 | 40×80×18 |
| 160 | 2、4、6、8 | 6309-2RSZ1 | 6309-2RSZ1 | 45×100×25 |
| 180 | 2、4、6、8 | 6311Z1 | 6311Z1 | 55×120×29 |
| 200 | 2、4、6、8 | 6312Z1 | 6312Z1 | 60×130×31 |
| 225 | 2、4、6、8 | 6313Z1 | 6313Z1 | 65×140×33 |
| 250 | 2、4、6、8 | 6314Z1 | 6314Z1 | 70×150×35 |
| 280 | 2 | 6314Z1 | 6314Z1 | 70×150×35 |
| | 4、6、8 | 6317Z1 | 6317Z1 | 85×180×41 |
| 315 | 2 | 6317Z1 | 6317Z1 | 85×180×41 |
| B3、B35 | 4、6、8、10 | 6319Z1(Nu319Z1) | 6319Z1 | 95×200×45 |
| 315 | 2 | 6317Z1 | 7317AC | 85×180×41 |
| V1 | 4、6、8、10 | 6319Z1(Nu319Z1) | 7319AC | 95×200×45 |
| 355 | 2 | 6319Z1 | 6319Z1 | 95×200×45 |
| B3、B35 | 4、6、8、10 | 6322Z1(Nu322Z1) | 6322Z1 | 110×240×50 |
| 355V1 | 4、6、8、10 | 6322Z1(Nu322Z1) | 7322AC | 110×240×50 |



CHONGQING ELECTRIC MACHINE FEDERATION LTD.

THREE-PHASE A.C. ASYNCHRONOUS MOTOR SAFETY INSTRUCTION MANUAL (H80~355)

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SAFETY NOTICE

Before installing, connecting, operation, maintenance and inspecting this machine, please read up all the content of this manual, and know well the relate knowledge, safety information and notice of three phase asynchronous motor, for operating it correctly

The safety notice degrees of this manual are "danger" and notice

⚠Dangerous: If the operation incorrect, it will cause death, or lppledom or serious injury

⚠Notice: If the operation incorrect, it will cause middle injury, flash wound, or device damage

Sometimes, it may cause serious aftereffect if the condition of the "notice" item is not abide, So, the content of this manual is very important You must obey it.

- The manufacturer continues to have the right of correct the manual and no announce user.
- The manufacturer does not have any responsibility for especial, indirect, occasional, final loss if the operation incorrect. The manufacturer does not have any responsibility for compensation of the third party.



Stator
Winding
Rotor
Bearing
fan sealster
fan

Stator terminal box

⚠Dangerous

- This motor suits for the general purpose three phase asynchronous motor which the electrical source is 50HZ, it is forbidden to use in the specialisation or the special purpose, otherwise, it will cause the motor destroy or reduce the motor's serving life
- This motor is forbidden to use in the condition of life safety, such as maintain; life device etc
- This motor is manufactured in the condition of strict quality control, but do to the predictive great accident in or damaging because of this machine problem, you must set the safety device prevent the great accident
- The type of motor is must be selected carefully according to quality of electric network, performance of start and brake, character of speed adjust and control. If do not, it will cause electric network and equipments even person health serious injury

⚠Notice

- The rated motor power should satisfy the rated load running requirement. The selected motor power must match up to the load power
- The motor should have enough over load and start power according with the machine
- The manual is about S 1-duty motor, please refer to corresponding technical document while using other, duty motor. The duty is one of important parameter for selecting type of motor
- The protect class of motor is Ip44, Ip54, Ip65. When the motor is used in out of door or causticity condition, The motor design and produce is different from the common motor. The especial condition must be marked clearly at notable location of order.

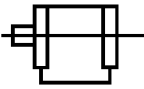



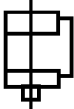

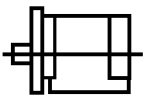
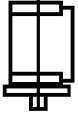

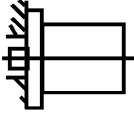
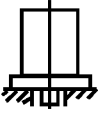

3-PHASE INDUCTION MOTOR INSTRUCTION MANUAL (H80~355MM)

1 BRIEF INTRODUCTION

- 1.1 The motor conform to IEC34-Ior Gb755.
- 1.2 This instruction manual is suitable for Y,Y2,Y3, YCE3,YE2 series three phase asynchronous motor,Y2E,YX3,YCE2,YE3 series three phase high efficiency cage asynchronous motor,YQ series large starting torque three phase asynchronous motor. and the corresponding derivative series or custom series three phase asynchronous motor (shortened form: motor).protection class of motor is IP44,IP54&IP55,and the type of cooling is IC411.
- 1.3 The type of construction and mounting arrangement of small sized squirrel-cage listed in Table1.

- 1.4 The motor can serve in continuous duty with its rated output, rated frequency, and rated voltage. The ambient temperature is not exceeding +40℃, the altitude is not exceeding 1000m. Its connections are:
 - a. "Y" connecting for outputs up to 3kW.
 - b. "Δ" connection for outputs of 4kW and over.Its insulation are: B class insulation (or F class insulation or H class insulation); Its limit of temperature rise (by resistance method): the assessment for B class is not exceeding 80K, the assessment for F class is not exceeding 105K, the assessment for H class is not exceeding 125K.

Table 1

| | | | | | | |
|----------------|---|---|---|---|---|---|
| CODE | IMB3 | IMB6 | IMB7 | IMB8 | IMV5 | IMV6 |
| SKETCH DRAWING |  |  |  |  |  |  |
| FRAME NO. | 80-355 | 80-160 | | | | |
| CODE | IMB35 | IMV15 | IMV35 | IMB5 | IMV1 | IMV3 |
| SKETCH DRAWING |  |  |  |  |  |  |
| FRAME NO. | 80-355 | 80-160 | | 80-225 | 80-355 | 80-160 |

2 PERPARATIONS BEFORE INSTALLATION

- 2.1 Checking the packing case before opening to see if there is any damage or damped indication.
- 2.2 After opening, carefully sweep out all dust and remove antirust coating from the motor shaft extension.
- 2.3 Checking over all the technical data carded in the name plate of the motor to see if they are argee with your requirements.
- 2.4 Examine the motor thoroughly to see if it has been damaged during the course of shipment. And also check over all fasteners of the motor for looseness of falling off. Try to rotate the rotor with hand to see if it runs agiley.
- 2.5 To measure its insulation resistance by megohmmeter. The value of the insulation resistance of the motor should not less than $0.5M\Omega$, otherwise, the stator windings should be dried accordingly. The drying temperature shall not exceed 120°C .

3 INSTALLATION

- 3.1 Coupling, spur gear or belt pulley are applicable for the actuating of the motor. The belt driving is not adoptable for two poles motor of capacities 4kW and over and four poles motor of capacities 30kW. If belt driving is needed, you must pay attention to the choice of the model of belt sheave, the diameter of belt sheave, wrap angle and prestressing force etc. The transmitting range of the v-belt may extend to a higher level by adopting a smaller pulley.
- 3.2 For belt driving, the center line of driving shaft should be in parallel with that of driven shaft and also requested to be in perpendicular to the centre line of the belts.
As for direct coupling driving, the center line the driving shaft should be in alignment with that of the driven shaft,
- 3.3 For vertical mounting motor, it is inadvisable to apply



any extra axial load to it other than the belt pulley(or others with its load equivalent to a common belt pulley).

3.4 The ventilating cooling condition of installation site is needed.

4 OPERATION

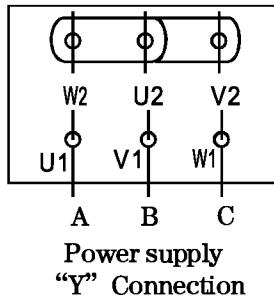
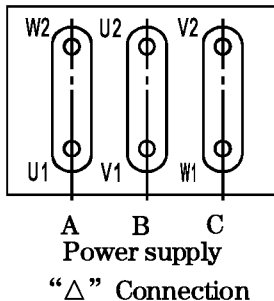
4.1 The motor should be properly grounded at the marked grounding screw located at the right handside below of the terminal box. Any fixing bolts of the motor as grounding screw if necessary can also be grounding point.

4.2 There are six terminals on the terminal board and marked respectively with the symbols as shown in Table 2

Table2

| Phase Sequence | A | B | C |
|----------------|----|----|----|
| Head | U1 | V1 | W1 |
| End | U2 | V2 | W2 |

4.3 To connect into “ Δ ” or “Y” connection as illustrated in the name plate.



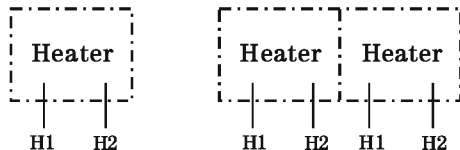
The rotational direction of the motor will be clockwise viewed from the shaft extension end while the phase-sequence A,B,C is in correspondence with the terminal markings U1,V1,W1 respectively. The rotational direction will be reversed if the phase-sequence is changed.

4.4 When space heater is set up in the motor, you can use it as below.

The Voltage of heater is AC220V, and the powers of heaters are showed in table 3. The symbols of heater connection are H1 and H2. Supplying AC voltage to heater through H1 and H2 in terminal box, If there are two and more heaters in a motor, you can use them in parallel connection to insure rated power of per heater.

Table 3

| FRAME NO | POWER OF HEATER |
|----------|-----------------|
| 132~160 | 50W |
| 180~225 | 100W |
| 250~280 | 150W |
| 315~355 | 300W |



One heater

Two heater

4.5 Direct starting or reduced voltage starting (by the reactor or a Y- Δ starter) for motor is applicable. But be sure to notice below:

- a. There will be starting current about five to seven times rated value during direct-line starting.
- b. The torque of the motor is directly proportional to the square of line voltage during reduced voltage starting.
- c. It is suggested to adopt the reduced voltage starting if the electric network appears to be under capacity.



- d. Direct starting is advisable only if the static load is quite heavy.
- 4.6 The motor can be equipped with thermoelement and short-circuit protecting device as an option. The setting value shall be adjusted according to the rated current in the name plate.
- 4.7 The motor will not ensure itself to produce rated output continuously in case of 1% deviation of the frequency or 5% deviation of the rated voltage. The motor is not allowed to bear overload continuously duty.
- 4.8 The existence of either intermittent or transient abnormal noise or vibration during operation. The motor operates under either load or no-load condition. At the same moment, the summit operating temperature of bearings should be not exceed 95°C (thermometer).

5 MAINTENANCE AND REPAIR

- 5.1 The operating site should keep dry. The surface of the motor should keep clean.
Be sure the air inlet of the motor should never be blocked by any dust of fibre and etc.
- 5.2 When short-circuit protecting device occurred, check the value setting of over load and the motor itself, the motor could be only put into operation after problem solved.
- 5.3 Be sure to maintain excellent lubricating condition during the course of operation. In general, the lubricant will be replenished or renewed after each 3000~5000h operation approximately (Mining machinery, sand and stone processing and other occasions run 1000~2000 hours or so) (The lubricant for sealed bearing may not be renewed within its service life). But the lubricant must be renewed timely in case of the bearing is found to be

overtemperatured or the lubricant has gone bad. Clear away all the old lubricant and clean out the bearings and the covering disks of bearings by gasoline before the replacement. Filling up 1/2 the space(for two poles motor) or 2/3 the space(for 4,6,8,10 poles motor) between the outside race and inner race of the bearing with compound lithium group grease 2#.

5.4 The vibration and the noise level of the motor will raise obviously if the bearing has gone dead. It should be renewed if its radial play reaches the numerical value listed in Table4:

Table 4

| ID of bearing | 20~30 | 35~50 | 55~80 | 85~120 |
|----------------------|-------|-------|-------|--------|
| Limit of radial play | 0.1 | 0.15 | 0.20 | 0.30 |

5.5 The rotor of the motor could be pulled out from either end of the stator during dismantling. It is preferable to withdraw it from the non-shaft - extensionend if the fan does not need to be disjointed. Be sure not to scratch and hurt the windings and insulation of the stator When pulling out the motor.

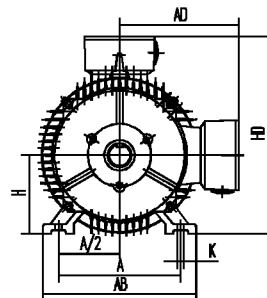
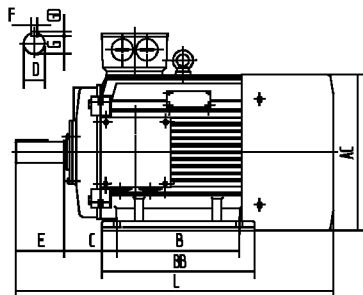
6 STOCKING AND SHIPPING

- 6.1 Stocking spot of the motor should keep dry and also protected from sudden change of ambient temperature.
- 6.2 Do not pile up the packing cases too high during stocking to avoid damage.
- 6.3 The packing case should not be tipped or even up side down during stocking or shipping.



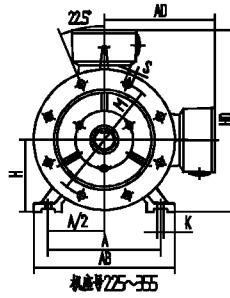
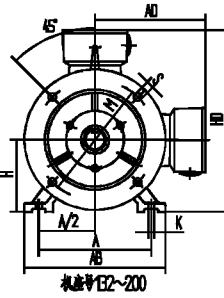
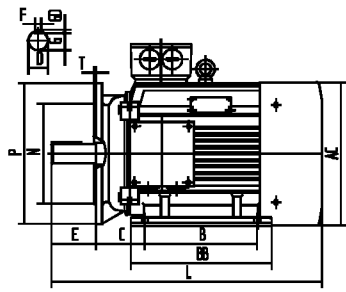
Table 5

| Frame No. | No. of poles | Bearing Type | | Bearing Dimensions (I.D.O.W) |
|-----------|--------------|---------------------|------------|---------------------------------|
| | | Shaft Extention End | Fan End | |
| 80 | 2、4 | 6204-2RSZ1 | 6204-2RSZ1 | 20 × 47 × 14 |
| 90 | 2、4、6 | 6205-2RSZ1 | 6205-2RSZ1 | 25 × 52 × 15 |
| 100 | 2、4、6 | 6206-2RSZ1 | 6206-2RSZ1 | 30 × 62 × 16 |
| 112 | 2、4、6 | 6306-2RSZ1 | 6306-2RSZ1 | 30 × 72 × 19 |
| 132 | 2、4、6、8 | 6208-2RSZ1 | 6208-2RSZ1 | 40 × 80 × 18 |
| 160 | 2、4、6、8 | 6309-2RSZ1 | 6309-2RSZ1 | 45 × 100 × 25 |
| 180 | 2、4、6、8 | 6311Z1 | 6311Z1 | 55 × 120 × 29 |
| 200 | 2、4、6、8 | 6312Z1 | 6312Z1 | 60 × 130 × 31 |
| 225 | 2、4、6、8 | 6313Z1 | 6313Z1 | 65 × 140 × 33 |
| 250 | 2、4、6、8 | 6314Z1 | 6314Z1 | 70 × 150 × 35 |
| 280 | 2 | 6314Z1 | 6314Z1 | 70 × 150 × 35 |
| | 4、6、8 | 6317Z1 | 6317Z1 | 85 × 180 × 41 |
| 315 | 2 | 6317Z1 | 6317Z1 | 85 × 180 × 41 |
| B3、B35 | 4、6、8、10 | 6319Z1(Nu319Z1) | 6319Z1 | 95 × 200 × 45 |
| 315 | 2 | 6317Z1 | 7317AC | 85 × 180 × 41 |
| V1 | 4、6、8、10 | 6319Z1(Nu319Z1) | 7319AC | 95 × 200 × 45 |
| 355 | 2 | 6319Z1 | 6319Z1 | 95 × 200 × 45 |
| B3、B35 | 4、6、8、10 | 6322Z1(Nu322Z1) | 6322Z1 | 110 × 240 × 50 |
| 355V1 | 4、6、8、10 | 6322Z1(Nu322Z1) | 7322AC | 110 × 240 × 50 |



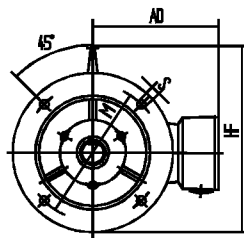
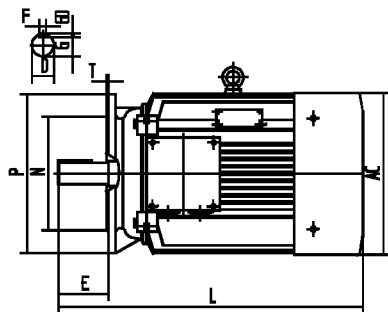
B3、B6、B7、B8、V5、V6机座带底脚，端盖上无凸缘的电动机外形及安装尺寸 B3、B6、B7、B8、V5、V6 Frame with feet, Endshield without flange, motor outline and mounting dimensions

| 机座号 FRAME NO. | | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | 315S | 315M | 315L | 355M | 355L | |
|----------------------------|-------------------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 安装尺寸 MOUNTING DIMENSION | H | 80 | 90 | 90 | 100 | 112 | 132 | 132 | 160 | 160 | 180 | 180 | 200 | 225 | 225 | 250 | 280 | 280 | 315 | 315 | 315 | 355 | 355 | |
| | A | 125 | 140 | 140 | 160 | 190 | 216 | 216 | 254 | 254 | 279 | 279 | 318 | 356 | 356 | 406 | 457 | 457 | 508 | 508 | 508 | 610 | 610 | |
| | A/2 | 62.5 | 70 | 70 | 80 | 95 | 108 | 108 | 127 | 127 | 139.5 | 139.5 | 159 | 178 | 178 | 203 | 228.5 | 228.5 | 254 | 254 | 254 | 305 | 305 | |
| | B | 100 | 100 | 125 | 140 | 140 | 140 | 178 | 210 | 254 | 241 | 279 | 305 | 286 | 311 | 349 | 368 | 419 | 406 | 457 | 508 | 560 | 630 | |
| | C | 50 | 56 | 56 | 63 | 70 | 89 | 89 | 108 | 108 | 121 | 121 | 133 | 149 | 149 | 168 | 190 | 190 | 216 | 216 | 216 | 254 | 254 | |
| | D | 2P | 19 ^{+0.009} _{-0.004} | 24 ^{+0.009} _{-0.004} | 24 ^{+0.009} _{-0.004} | 28 ^{+0.009} _{-0.004} | 28 ^{+0.009} _{-0.004} | 38 ^{+0.018} _{+0.002} | 38 ^{+0.018} _{+0.002} | 42 ^{+0.018} _{+0.002} | 42 ^{+0.018} _{+0.002} | 48 ^{+0.018} _{+0.002} | 48 ^{+0.018} _{+0.002} | 55 ^{+0.030} _{+0.011} | — | 55 ^{+0.030} _{+0.011} | 60 ^{+0.030} _{+0.011} | 65 ^{+0.030} _{+0.011} | 65 ^{+0.030} _{+0.011} | 65 ^{+0.030} _{+0.011} | 65 ^{+0.030} _{+0.011} | 65 ^{+0.030} _{+0.011} | 75 ^{+0.030} _{+0.011} | 75 ^{+0.030} _{+0.011} |
| | | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 60 ^{+0.030} _{+0.011} | 60 ^{+0.030} _{+0.011} | 65 ^{+0.030} _{+0.011} | 75 ^{+0.030} _{+0.011} | 75 ^{+0.030} _{+0.011} | 80 ^{+0.030} _{+0.011} | 80 ^{+0.030} _{+0.011} | 80 ^{+0.030} _{+0.011} | 95 ^{+0.035} _{+0.013} | 95 ^{+0.035} _{+0.013} |
| | E | 2P | 40 | 50 | 50 | 60 | 60 | 80 | 80 | 110 | 110 | 110 | 110 | 110 | — | 110 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 |
| | | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 140 | 140 | 140 | 140 | 140 | 170 | 170 | 170 | 170 | 170 |
| | F × GD | 2P | 6 × 6 | 8 × 7 | 8 × 7 | 8 × 7 | 8 × 7 | 10 × 8 | 10 × 8 | 12 × 8 | 12 × 8 | 14 × 9 | 14 × 9 | 16 × 10 | — | 16 × 10 | 18 × 11 | 18 × 11 | 18 × 11 | 18 × 11 | 18 × 11 | 18 × 11 | 20 × 12 | 20 × 12 |
| 4/6/8P | | — | — | — | — | — | — | — | — | — | — | — | — | 18 × 11 | 18 × 11 | 18 × 11 | 20 × 12 | 20 × 12 | 22 × 14 | 22 × 14 | 22 × 14 | 25 × 14 | 25 × 14 | |
| G | 2P | 15.5 | 20 | 20 | 24 | 24 | 33 | 33 | 37 | 37 | 42.5 | 42.5 | 49 | — | 49 | 53 | 58 | 58 | 58 | 58 | 58 | 67.5 | 67.5 | |
| | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 53 | 53 | 58 | 67.5 | 67.5 | 71 | 71 | 71 | 86 | 86 | |
| K | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 15 | 19 | 19 | 19 | 24 | 24 | 24 | 28 | 28 | 28 | 28 | 28 | 28 | |
| 外形尺寸 OUTLINE DIMENSION | AB | 165 | 180 | 180 | 205 | 230 | 270 | 270 | 320 | 320 | 355 | 355 | 395 | 435 | 435 | 490 | 550 | 550 | 630 | 630 | 630 | 730 | 730 | |
| | BB | 130 | 130 | 165 | 180 | 180 | 190 | 230 | 260 | 305 | 311 | 349 | 370 | 375 | 400 | 445 | 485 | 536 | 570 | 680 | 680 | 750 | 750 | |
| | AC | 175 | 195 | 195 | 215 | 240 | 260 | 260 | 315 | 315 | 355 | 355 | 395 | 445 | 445 | 490 | 550 | 550 | 620 | 620 | 620 | 700 | 700 | |
| | AD | 145 | 155 | 155 | 180 | 190 | 215 | 215 | 260 | 260 | 275 | 275 | 345 | 335 | 335 | 365 | 400 | 400 | 530 | 530 | 530 | — | — | |
| | HD | 220 | 250 | 250 | 270 | 300 | 345 | 345 | 420 | 420 | 455 | 455 | 545 | 555 | 555 | 615 | 680 | 680 | 845 | 845 | 845 | 1010 | 1010 | |
| | L | 2P | 295 | 320 | 345 | 385 | 400 | 470 | 510 | 615 | 670 | 700 | 740 | 770 | — | 815 | 920 | 965 | 1015 | 1215 | 1325 | 1325 | 1500 | 1500 |
| 4/6/8P | | — | — | — | — | — | — | — | — | — | — | — | — | 820 | 845 | 920 | 985 | 1035 | 1215 | 1325 | 1325 | 1530 | 1530 | |
| 机座号 FRAME NO. | | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | 315S | 315M | 315L | 355M | 355L | |
| IM | B3 | → | | | | | | | | | | | | | | | | | | | | | | |
| | B6/B7/B8 V5/V6 | → | | | | | | | | | | | | | | | | | | | | | | |

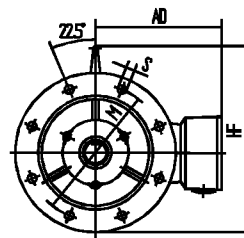


B35、V15、V35机座带底脚，端盖上有凸缘（带通孔）的电动机外形及安装尺寸 B35、V15、V35 Frame with feet, Endshield with flange, motor outline and mounting dimensions

| 机座号 FRAME NO. | | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | 315S | 315M | 315L | 355M | 355L | |
|----------------------------|---------|--------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 安装尺寸 MOUNTING DIMENSION | H | 80 | 90 | 90 | 100 | 112 | 132 | 132 | 160 | 160 | 180 | 180 | 200 | 225 | 225 | 250 | 280 | 280 | 315 | 315 | 315 | 355 | 355 | |
| | A | 125 | 140 | 140 | 160 | 190 | 216 | 216 | 254 | 254 | 279 | 279 | 318 | 356 | 356 | 406 | 457 | 457 | 508 | 508 | 508 | 610 | 610 | |
| | A/2 | 62.5 | 70 | 70 | 80 | 95 | 108 | 108 | 127 | 127 | 139.5 | 139.5 | 159 | 178 | 178 | 203 | 228.5 | 228.5 | 254 | 254 | 254 | 305 | 305 | |
| | B | 100 | 100 | 125 | 140 | 140 | 140 | 178 | 210 | 254 | 241 | 279 | 305 | 286 | 311 | 349 | 368 | 419 | 406 | 457 | 508 | 560 | 630 | |
| | C | 50 | 56 | 56 | 63 | 70 | 89 | 89 | 108 | 108 | 121 | 121 | 133 | 149 | 149 | 168 | 190 | 190 | 216 | 216 | 216 | 254 | 254 | |
| | D | 2P | 19 ^{+0.009} | 24 ^{+0.009} | 24 ^{+0.009} | 28 ^{+0.009} | 28 ^{+0.009} | 38 ^{+0.018} | 38 ^{+0.018} | 42 ^{+0.018} | 42 ^{+0.018} | 48 ^{+0.018} | 48 ^{+0.018} | 55 ^{+0.030} | — | 55 ^{+0.030} | 60 ^{+0.030} | 65 ^{+0.030} | 65 ^{+0.030} | 65 ^{+0.030} | 65 ^{+0.030} | 65 ^{+0.030} | 75 ^{+0.030} | 75 ^{+0.030} |
| | | 4/6/8P | -0.004 | -0.004 | -0.004 | -0.004 | -0.004 | +0.002 | +0.002 | +0.002 | +0.002 | +0.002 | +0.002 | +0.011 | 60 ^{+0.030} | 60 ^{+0.030} | 65 ^{+0.030} | 75 ^{+0.030} | 75 ^{+0.030} | 80 ^{+0.030} | 80 ^{+0.030} | 80 ^{+0.030} | 95 ^{+0.035} | 95 ^{+0.035} |
| | E | 2P | 40 | 50 | 50 | 60 | 60 | 80 | 80 | 110 | 110 | 110 | 110 | 110 | — | 110 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 |
| | | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 140 | 140 | 140 | 140 | 170 | 170 | 170 | 170 | 170 | 170 |
| | F×GD | 2P | 6×6 | 8×7 | 8×7 | 8×7 | 8×7 | 10×8 | 10×8 | 12×8 | 12×8 | 14×9 | 14×9 | 16×10 | — | 16×10 | 18×11 | 18×11 | 18×11 | 18×11 | 18×11 | 18×11 | 20×12 | 20×12 |
| | | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 18×11 | 18×11 | 18×11 | 20×12 | 20×12 | 22×14 | 22×14 | 22×14 | 25×14 | 25×14 |
| | G | 2P | 15.5 | 20 | 20 | 24 | 24 | 33 | 33 | 37 | 37 | 42.5 | 42.5 | 49 | — | 49 | 53 | 58 | 58 | 58 | 58 | 58 | 67.5 | 67.5 |
| | | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 53 | 53 | 58 | 67.5 | 67.5 | 71 | 71 | 71 | 86 | 86 |
| | K | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 15 | 19 | 19 | 19 | 24 | 24 | 24 | 28 | 28 | 28 | 28 | 28 | |
| | M | 165 | 165 | 165 | 215 | 215 | 265 | 265 | 300 | 300 | 300 | 300 | 350 | 400 | 400 | 500 | 500 | 500 | 600 | 600 | 600 | 740 | 740 | |
| N | 130 | 130 | 130 | 180 | 180 | 230 | 230 | 250 | 250 | 250 | 250 | 300 | 350 | 350 | 450 | 450 | 450 | 550 | 550 | 550 | 680 | 680 | | |
| P | 200 | 200 | 200 | 250 | 250 | 300 | 300 | 350 | 350 | 350 | 350 | 400 | 450 | 450 | 550 | 550 | 550 | 660 | 660 | 660 | 800 | 800 | | |
| R | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| S | 4-Φ12 | 4-Φ12 | 4-Φ12 | 4-Φ15 | 4-Φ15 | 4-Φ15 | 4-Φ15 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ24 | 8-Φ24 | 8-Φ24 | 8-Φ24 | 8-Φ24 | |
| T | 3.5 | 3.5 | 3.5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | | |
| 外形尺寸 OUTLINE DIMENSION | AB | 165 | 180 | 180 | 205 | 230 | 270 | 270 | 320 | 320 | 355 | 355 | 395 | 435 | 435 | 490 | 550 | 550 | 630 | 630 | 630 | 730 | 730 | |
| | BB | 130 | 130 | 165 | 180 | 180 | 190 | 230 | 260 | 305 | 311 | 349 | 370 | 375 | 400 | 445 | 485 | 536 | 570 | 680 | 680 | 750 | 750 | |
| | AC | 175 | 195 | 195 | 215 | 240 | 260 | 260 | 315 | 315 | 355 | 355 | 395 | 445 | 445 | 490 | 550 | 550 | 620 | 620 | 620 | 700 | 700 | |
| | AD | 145 | 155 | 155 | 180 | 190 | 215 | 215 | 260 | 260 | 275 | 275 | 345 | 335 | 335 | 365 | 400 | 400 | 530 | 530 | 530 | — | — | |
| | HD | 220 | 250 | 250 | 270 | 300 | 345 | 345 | 420 | 420 | 455 | 455 | 545 | 555 | 555 | 615 | 680 | 680 | 845 | 845 | 845 | 1010 | 1010 | |
| | L | 2P | 295 | 320 | 345 | 385 | 400 | 470 | 510 | 615 | 670 | 700 | 740 | 770 | — | 815 | 920 | 965 | 1015 | 1215 | 1325 | 1325 | 1500 | 1500 |
| 4/6/8P | | 295 | 320 | 345 | 385 | 400 | 470 | 510 | 615 | 670 | 700 | 740 | 770 | 820 | 845 | 920 | 985 | 1035 | 1215 | 1325 | 1325 | 1530 | 1530 | |
| 机座号 FRAME NO. | | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | 315S | 315M | 315L | 355M | 355L | |
| IM | B35 | → | | | | | | | | | | | | | | | | | | | | | | |
| | V15/V35 | → | | | | | | | | | | | | | | | | | | | | | | |
| 备注 | | R为凸缘安装平面至轴伸台阶平面的距离 | | | | | | | | | | | | | | | | | | | | | | |



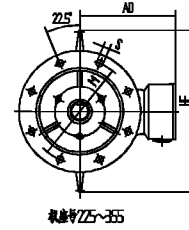
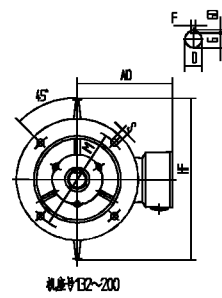
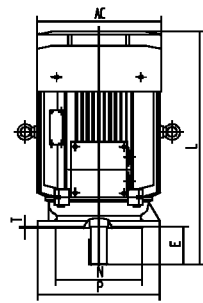
机座号B2~200



机座号Z5~280

B5、V3机座不带底脚，端盖上有凸缘（带通孔）的电动机外形及安装尺寸 B5、V3 Frame without feet, Endshield with flange, motor outline and mounting dimensions

| 机座号 FRAME NO. | | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | | |
|----------------------------|--------|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|
| 安装尺寸 MOUNTING DIMENSION | D | 2P | 19 ^{+0.009} _{-0.004} | 24 ^{+0.009} _{-0.004} | 24 ^{+0.009} _{-0.004} | 28 ^{+0.009} _{-0.004} | 28 ^{+0.009} _{-0.004} | 38 ^{+0.018} _{+0.002} | 38 ^{+0.018} _{+0.002} | 42 ^{+0.018} _{+0.002} | 42 ^{+0.018} _{+0.002} | 48 ^{+0.018} _{+0.002} | 48 ^{+0.018} _{+0.002} | 55 ^{+0.030} _{+0.011} | — | 55 ^{+0.030} _{+0.011} | 60 ^{+0.030} _{+0.011} | 65 ^{+0.030} _{+0.011} | 65 ^{+0.030} _{+0.011} | |
| | | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 60 ^{+0.030} _{+0.011} | 60 ^{+0.030} _{+0.011} | 65 ^{+0.030} _{+0.011} | 75 ^{+0.030} _{+0.011} | 75 ^{+0.030} _{+0.011} | |
| | E | 2P | 40 | 50 | 50 | 60 | 60 | 80 | 80 | 110 | 110 | 110 | 110 | 110 | — | 110 | 140 | 140 | 140 | 140 |
| | | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 140 | 140 | 140 | 140 | 140 | 140 |
| | F × GD | 2P | 6 × 6 | 8 × 7 | 8 × 7 | 8 × 7 | 8 × 7 | 10 × 8 | 10 × 8 | 12 × 8 | 12 × 8 | 14 × 9 | 14 × 9 | 16 × 10 | — | 16 × 10 | 18 × 11 | 18 × 11 | 18 × 11 | 18 × 11 |
| | | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 18 × 11 | 18 × 11 | 18 × 11 | 20 × 12 | 20 × 12 | 20 × 12 |
| | G | 2P | 15.5 | 20 | 20 | 24 | 24 | 33 | 33 | 37 | 37 | 42.5 | 42.5 | 49 | — | 49 | 53 | 58 | 58 | 58 |
| | | 4/6/8P | — | — | — | — | — | — | — | — | — | — | — | — | 53 | 53 | 58 | 67.5 | 67.5 | 67.5 |
| | M | 165 | 165 | 165 | 215 | 215 | 265 | 265 | 300 | 300 | 300 | 300 | 300 | 350 | 400 | 400 | 500 | 500 | 500 | 500 |
| | N | 130 | 130 | 130 | 180 | 180 | 230 | 230 | 250 | 250 | 250 | 250 | 250 | 300 | 350 | 350 | 450 | 450 | 450 | 450 |
| P | 200 | 200 | 200 | 250 | 250 | 300 | 300 | 350 | 350 | 350 | 350 | 350 | 400 | 450 | 450 | 550 | 550 | 550 | 550 | |
| R | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| S | 4-Φ12 | 4-Φ12 | 4-Φ12 | 4-Φ15 | 4-Φ15 | 4-Φ15 | 4-Φ15 | 4-Φ15 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | |
| T | 3.5 | 3.5 | 3.5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 外形尺寸 OUTLINE DIMENSION | AC | 175 | 195 | 195 | 215 | 240 | 260 | 260 | 315 | 315 | 355 | 355 | 395 | 445 | 445 | 490 | 550 | 550 | 550 | |
| | AD | 145 | 155 | 155 | 180 | 190 | 215 | 215 | 260 | 260 | 275 | 275 | 345 | 335 | 335 | 365 | 400 | 400 | 400 | |
| | HF | — | — | — | 245 | 265 | 315 | 315 | 385 | 385 | 430 | 430 | 480 | 535 | 535 | 595 | 650 | 650 | 650 | |
| | L | 2P | 295 | 320 | 345 | 385 | 400 | 470 | 510 | 615 | 670 | 700 | 740 | 770 | — | 815 | 920 | 965 | 1015 | 1015 |
| 4/6/8P | | 295 | 320 | 345 | 385 | 400 | 470 | 510 | 615 | 670 | 700 | 740 | 770 | 820 | 845 | 920 | 985 | 1035 | 1035 | |
| 机座号 FRAME NO. | | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | | |
| IM | B5 | → | | | | | | | | | | | | | | | | | | |
| | V3 | → | | | | | | | | | → | | | | | | | | | |
| 备注 | | R为凸缘安装平面至轴伸台阶平面的距离 | | | | | | | | | | | | | | | | | | |



V1 立式安装, 机座不带底脚, 端盖上有凸缘 (带通孔), 轴伸向下的电动机外形及安装尺寸 V1 Vertical shaft, Frame without feet, Endshield with flange, D-end down, motor outline and mounting dimensions

| 机座号 FRAME NO. | | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | 315S | 315M | 315L | 355M | 355L | | | |
|----------------------------|--------|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|---------|-----|
| 安装尺寸 MOUNTING DIMENSION | D | 2P | $19^{+0.009}_{-0.004}$ | $24^{+0.009}_{-0.004}$ | $24^{+0.009}_{-0.004}$ | $28^{+0.009}_{-0.004}$ | $28^{+0.009}_{-0.004}$ | $38^{+0.018}_{+0.002}$ | $38^{+0.018}_{+0.002}$ | $42^{+0.018}_{+0.002}$ | $42^{+0.018}_{+0.002}$ | $48^{+0.018}_{+0.002}$ | $48^{+0.018}_{+0.002}$ | $55^{+0.030}_{+0.011}$ | — | $55^{+0.030}_{+0.011}$ | $60^{+0.030}_{+0.011}$ | $65^{+0.030}_{+0.011}$ | $65^{+0.030}_{+0.011}$ | $65^{+0.030}_{+0.011}$ | $65^{+0.030}_{+0.011}$ | $65^{+0.030}_{+0.011}$ | $75^{+0.030}_{+0.011}$ | $75^{+0.030}_{+0.011}$ | | |
| | | 4/6/8P | | | | | | | | | | | | | $60^{+0.030}_{+0.011}$ | $60^{+0.030}_{+0.011}$ | $65^{+0.030}_{+0.011}$ | $75^{+0.030}_{+0.011}$ | $75^{+0.030}_{+0.011}$ | $80^{+0.030}_{+0.011}$ | $80^{+0.030}_{+0.011}$ | $80^{+0.030}_{+0.011}$ | $95^{+0.035}_{+0.013}$ | $95^{+0.035}_{+0.013}$ | | |
| | E | 2P | 40 | 50 | 50 | 60 | 60 | 80 | 80 | 110 | 110 | 110 | 110 | 110 | — | 110 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 |
| | | 4/6/8P | | | | | | | | | | | | | 140 | 140 | 140 | 140 | 140 | 170 | 170 | 170 | 170 | 170 | 170 | |
| | F × GD | 2P | 6 × 6 | 8 × 7 | 8 × 7 | 8 × 7 | 8 × 7 | 10 × 8 | 10 × 8 | 12 × 8 | 12 × 8 | 14 × 9 | 14 × 9 | 16 × 10 | — | 16 × 10 | 18 × 11 | 18 × 11 | 18 × 11 | 18 × 11 | 18 × 11 | 18 × 11 | 20 × 12 | 20 × 12 | 20 × 12 | |
| | | 4/6/8P | | | | | | | | | | | | | 18 × 11 | 18 × 11 | 18 × 11 | 20 × 12 | 20 × 12 | 22 × 14 | 22 × 14 | 22 × 14 | 25 × 14 | 25 × 14 | 25 × 14 | |
| | G | 2P | 15.5 | 20 | 20 | 24 | 24 | 33 | 33 | 37 | 37 | 42.5 | 42.5 | 49 | — | 49 | 53 | 58 | 58 | 58 | 58 | 58 | 67.5 | 67.5 | | |
| | | 4/6/8P | | | | | | | | | | | | | 53 | 53 | 58 | 67.5 | 67.5 | 71 | 71 | 71 | 86 | 86 | | |
| | M | | 165 | 165 | 165 | 215 | 215 | 265 | 265 | 300 | 300 | 300 | 300 | 350 | 400 | 400 | 500 | 500 | 500 | 600 | 600 | 600 | 740 | 740 | | |
| | N | | 130 | 130 | 130 | 180 | 180 | 230 | 230 | 250 | 250 | 250 | 250 | 300 | 350 | 350 | 450 | 450 | 450 | 550 | 550 | 550 | 680 | 680 | | |
| P | | 200 | 200 | 200 | 250 | 250 | 300 | 300 | 350 | 350 | 350 | 350 | 400 | 450 | 450 | 550 | 550 | 550 | 660 | 660 | 660 | 800 | 800 | | | |
| R | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| S | | 4-Φ12 | 4-Φ12 | 4-Φ12 | 4-Φ15 | 4-Φ15 | 4-Φ15 | 4-Φ15 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 4-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ19 | 8-Φ24 | 8-Φ24 | 8-Φ24 | 8-Φ24 | 8-Φ24 | | |
| T | | 3.5 | 3.5 | 3.5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| 外形尺寸 OUTLINE DIMENSION | AC | 175 | 195 | 195 | 215 | 240 | 260 | 260 | 315 | 315 | 355 | 355 | 395 | 445 | 445 | 490 | 550 | 550 | 620 | 620 | 620 | 700 | 700 | | | |
| | AD | 145 | 155 | 155 | 180 | 190 | 215 | 215 | 260 | 260 | 275 | 275 | 345 | 335 | 335 | 365 | 400 | 400 | 530 | 530 | 530 | — | — | | | |
| | HF | — | — | — | 245 | 265 | 315 | 315 | 420 | 420 | 500 | 500 | 550 | 575 | 575 | 650 | 725 | 725 | 860 | 860 | 860 | 960 | 960 | | | |
| | L | 2P | 295 | 320 | 345 | 385 | 400 | 520 | 560 | 615 | 670 | 760 | 800 | 840 | — | 910 | 1000 | 1065 | 1115 | 1315 | 1325 | 1425 | 1600 | 1600 | | |
| 4/6/8P | | 295 | 320 | 345 | 385 | 400 | 520 | 560 | 615 | 670 | 760 | 800 | 840 | 935 | 935 | 1000 | 1085 | 1135 | 1315 | 1325 | 1425 | 1630 | 1630 | | | |
| 机座号 FRAME NO. | | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M | 315S | 315M | 315L | 355M | 355L | | | |
| IM | V1 | → | | | | | | | | | | | | | | | | | | | | | | | | |
| 备注 | | R为凸缘安装平面至轴伸台阶平面的距离 | | | | | | | | | | | | | | | | | | | | | | | | |