

# 3DX flameproof motors 3DX系列三相异步电动机



## Let us present BEVI

Founded in 1931, BEVI is one of the Nordic region's largest companies working with electric drive and power generation supporting a wide range of applications and industries, including the Marine industry. Electric motors is our core business and we are always at the cutting edge in terms of product development and quality of energy efficient drive systems.

We are active in Sweden, Denmark, Norway, Finland, Lithuania, Estonia, South Korea and China mainly through our own companies, but also through distributors. It provides good, local contact and good accessibility. The headquarters is located in Blomstermåla, Sweden.

BEVI AB is certified according to ISO 9001, ISO 14001 and 80079-34.

There are local variations in our offer but overall the BEVI group offers a comprehensive range of electric motors, generators, transmissions, power electronics, component materials and starting equipment. We also perform service on electrical machines up to 20 tonnes.

BEVI is part of Addtech, a Swedish publicly listed technology trading group comprising of 140 independent companies that sell high-tech products and solutions to customers in around 20 countries.

## BEVI简介

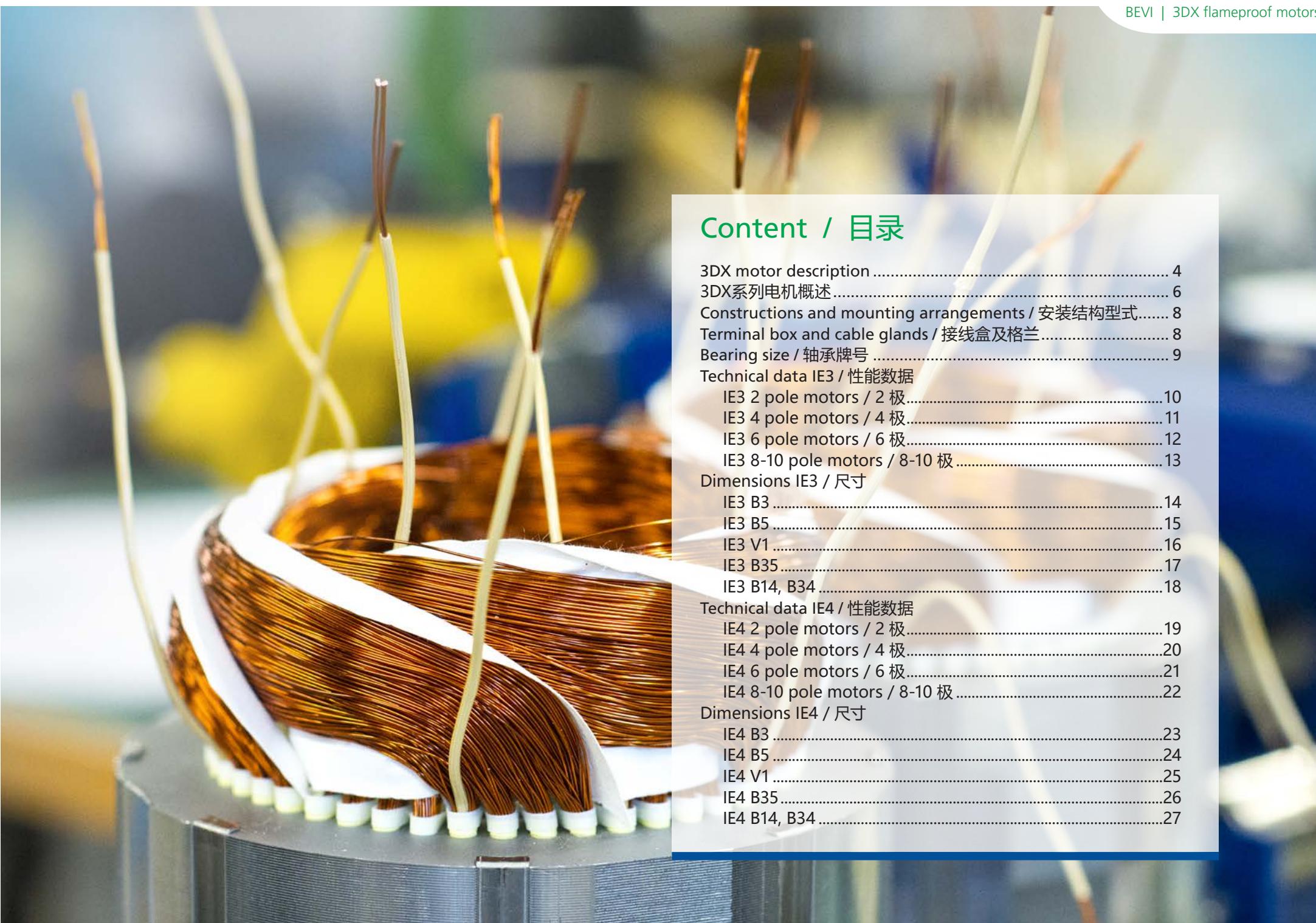
BEVI是北欧地区最大的驱动设备和电力设备供应商之一，自1931年开始生产和供应各种用途的电动机，广泛使用于各种工业，包括船舶工业。电动机为其核心产品，产品研发和产品质量处于领先行列。

BEVI在瑞典、丹麦、挪威、芬兰、立陶宛、爱沙尼亚、中国、韩国和印度设有公司和经销商，为当地的用户提供优质产品和服务。

BEVI AB获得了ISO 9001、ISO 14001和ISO 80079-34质量体系认证。

BEVI可以为用户提供电动机、发电机、传动设备、电子设备、产品部件、原材料及起动设备，也可为20吨以下的电机提供维修服务。

BEVI是瑞典上市公司Addtech的成员，Addtech拥有140多家企业，为20多个国家和地区的用户提供高科技产品和解决方案。



## Content / 目录

3DX motor description .....	4
3DX系列电机概述.....	6
Constructions and mounting arrangements / 安装结构型式.....	8
Terminal box and cable glands / 接线盒及格兰.....	8
Bearing size / 轴承牌号 .....	9
Technical data IE3 / 性能数据	
IE3 2 pole motors / 2 极.....	10
IE3 4 pole motors / 4 极.....	11
IE3 6 pole motors / 6 极.....	12
IE3 8-10 pole motors / 8-10 极 .....	13
Dimensions IE3 / 尺寸	
IE3 B3 .....	14
IE3 B5 .....	15
IE3 V1 .....	16
IE3 B35 .....	17
IE3 B14, B34 .....	18
Technical data IE4 / 性能数据	
IE4 2 pole motors / 2 极.....	19
IE4 4 pole motors / 4 极.....	20
IE4 6 pole motors / 6 极.....	21
IE4 8-10 pole motors / 8-10 极 .....	22
Dimensions IE4 / 尺寸	
IE4 B3 .....	23
IE4 B5 .....	24
IE4 V1 .....	25
IE4 B35 .....	26
IE4 B14, B34 .....	27

# 3DX motor description

## General description

The 3DX series of flameproof three phase induction motors have the following features:

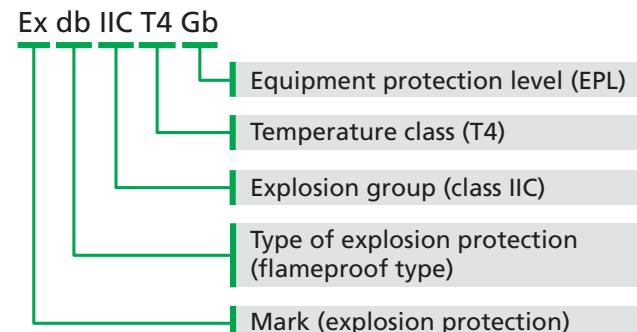
- High efficiency (IE3) and excellent performance
- Light weight and compact construction
- Safe and reliable operation
- Long operation life
- Easy maintenance

3DX motors are developed and manufactured as Ex db IIB T4 Gb or Ex db IIC T4 Gb according to the latest requirements of standards IEC60079.

- IEC 60079-0:2017 COR1:2020  
Explosive atmospheres- Part 0: General requirements
- IEC/EN 60079-1:2014 COR1:2018  
Explosive atmospheres- Part 1: Equipment protection by flameproof enclosures "d"

The output ratings and mounting dimensions conform to relevant parts of IEC 60034 and 60072 standards.

## Explanation of Ex marking and designation



## Construction features

The flameproof constructions for Ex db IIBT4 Gb and Ex db IIC T4 Gb are available.

### Enclosure (Degree of Protection) and cooling form

The degree of protection is:

- IP55/IP65 for Ex db IIB T4 Gb
- IP56/ IP66 for Ex db IIC T4 Gb

The cooling form is IC411 as standard. IC416 is available as an option.

### Insulation class

All motors are wounded with Class F material, but calculated with temperature rise according to class B.

As option we can offer class H insulation material.

## Materials

The stator windings are wound with polyester enamel round wire of high strength and then treated with the progress of vacuum-pressure impregnation (VPI), to make them become a solid integral. Therefore, the winding insulation is excellent in electrical and mechanical properties, moisture resistance and thermal stability.

The rotors are of cast-aluminum and dynamically balanced to make the motor operate smoothly with small vibration and low noise.

The stator and rotor cores are laminated with high-class electrical steel sheet with high permeability and low loss, thus makes the motors possess low loss and high efficiency.

## Bearings

The motors are fitted with low vibration and low noise bearings special for motors.

For motors of frame size 132 and below use bilaterally shielded ball bearings. At the driving ends corrugated spring washers are pressed on bearings with proper pressure, to restrain effectively the vibration and noise produced during motors' operation.

Motors of frame size 160 and above use bearings with inner and outer covers. Retaining rings at bearing position are equipped on shafts to prevent the rotor efficiently from moving axially. These bearings are re-greasable. See the BEVI 3DX manual for information on regreasing interval.

For safe and reliable operation the bearings on the motors of frame size 160 and above are provided with grease nipples. These are used to drain or replenish the lubricating grease without stopping the motors.

## Fans and fan covers

For motors of frame size 80–280 and below, the fans are made of non sparking thermoelectrical material.

Motors of frame size 315–355 and above are fitted with cast-aluminum or steel-plate-welded fans of lightweight and high strength.

For the whole motor series, the fans are fixed with a key on the shaft and fastening on the end of the shaft to make the motor operation safe and reliable.

The fan cover is made of steel. On a prerequisite of preventing from the ingress of solid substances of certain size, they enable the motors to get maximum area of ventilation in order to form adequate currents.

## Service conditions

### Electrical conditions

Rated voltage: 220/380, 230/400, 240/415, 250/440, 265/460, 277/480, 440, 460, 480, 525, 380/660, 400/690, 415/720, 660 or 690V. Dual or single voltage available.

Rated frequency: 50Hz or 60 Hz.

Duty type: The standard duty type is S1 (continuous duty). The motors can also be used for intermittent duty or duty via inverter supply. Inverter duty is an option. If inverter duty the motor needs to be approved for it as well as cooling according to IC416 (forced ventilation). Please contact BEVI for details. The stator windings are of Class F insulation. Class H insulation is an option.

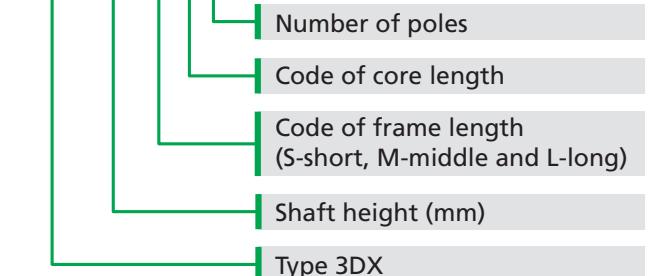
### Ambient conditions

The altitude is up to 1000 m above sea level. The ambient temperature belongs to indoor circumstance of -20°C –+40°C.

If the ambient temperature is different from above, the motor should be derated as per the operation manual.

## Explanation of type designation

**3DX 355 M 1-4**



# 3DX系列电机概述

## 概述

3DX系列隔爆型电动机具有下列特点：

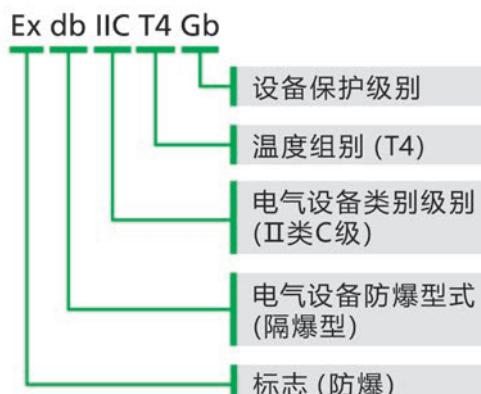
- 效率高 (IE3)
- 性能优良
- 体积小、重量轻
- 运行安全可靠
- 寿命长
- 安装使用维修方便

3DX系列电动机按照最新的IEC60079TXI 系列标准设计  
制造成隔爆型 Ex db IIB T4 Gb或Ex db IIC T4 Gb，其功率  
等级和安装尺寸对应于相应的IEC60034和IEC60072标准。

- IEC 60079-0 爆炸性环境用防爆电气设备 – 通用要求
- IEC 60079-1 爆炸性环境用防爆电气设备 – 隔爆型 “d”



## 电动机防爆标志代表的意义



## 结构特征

电动机的隔爆结构为Ex db IIBT4 Gb或Ex db IICT4 Gb。

### 主体外壳防护等级 和 冷却方式

电动机主体外壳防护等级为IP55/IP65(Ex db IIBT4 Gb)或IP56/IP66 (Ex db IICT4 Gb)。

- IP55/IP65 (Ex db IIBT4 Gb)
- IP56/IP66 (Ex db IICT4 Gb)

电动机的冷却方式为IC411。也可满足IC416强迫通风的要求。

### 绝缘等级

电动机绝缘等级为F级，温升按B级考核。H级绝缘也可满足。

## 使用材料

电动机定子绕组采用高强度聚酯漆包圆铜线，并经VPI真空加压浸漆处理成为一个完整的整体，绕组及绝缘具有良好的电气、机械、防潮性能及热稳定。

电动机转子采用铸铝结构，转子经动平衡核验，电动机运转平稳、振动小、噪声低。

电动机定、转子冲片采用高导磁、低损耗优质电工硅钢片，电动机损耗低、效率高。

### 轴承

电动机轴承选用电动机专用低振动、低噪声轴承，机座号132及以下采用双面密封轴承，在轴伸端装有波形弹簧垫圈，以适度压力靠轴承，有效抑制电动机运转时产生的振动和噪声。

机座号160及以上采用内、外盖结构，并在轴承部位采用挡圈轴向固定，有效地防止电动机转子的轴向窜动。轴承

可以再润滑，见3DX使用说明书中的资料及再润滑间隔。

为使电动机安全可靠运行，机座号160及以上电动机轴承结构设置有注排油装置，可实现不停机加注新润滑脂和排除旧润滑脂。

#### 电动机风扇、风罩

机座号280及以下电动机采用防静电塑料风扇，其转动惯量小、损耗低，机座号315及以上采用铸铝或钢板焊接风扇，重量轻、强度高，全系列风扇与轴采用键联接，运行可靠。所有风扇用键固定在电机转轴上，确保风路通畅，运行安全。

风罩为钢板结构，在防止一定大小的外物侵入的前提下得到最大的通风面积，使风路通畅。

#### 电动机使用条件

##### 电动机使用电气条件

额定电压：220、230、380、400、415、440、460  
480、660、690、220/380、230/400、380/660  
400/690 V。

额定频率：50Hz、60 Hz。

定额：连续工作制S1，也可按使用说明书规定用于断续工作制。

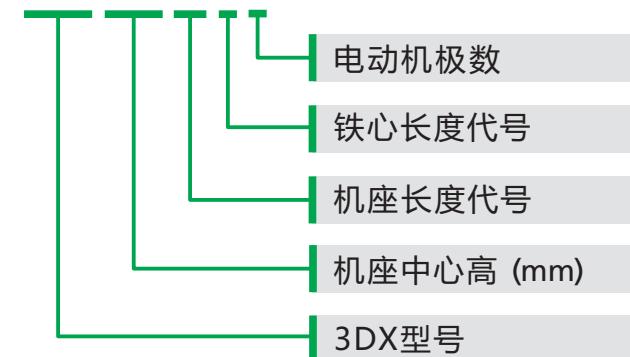
##### 电动机使用环境条件

海拔不超过1000m，环境空气温度为室内-20 ~ +40°C。

当海拔或环境温度超过上述规定时，可按使用说明书的规定降容使用。

#### 电动机型号代表的意义

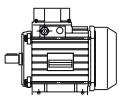
3DX 355 M 1-4

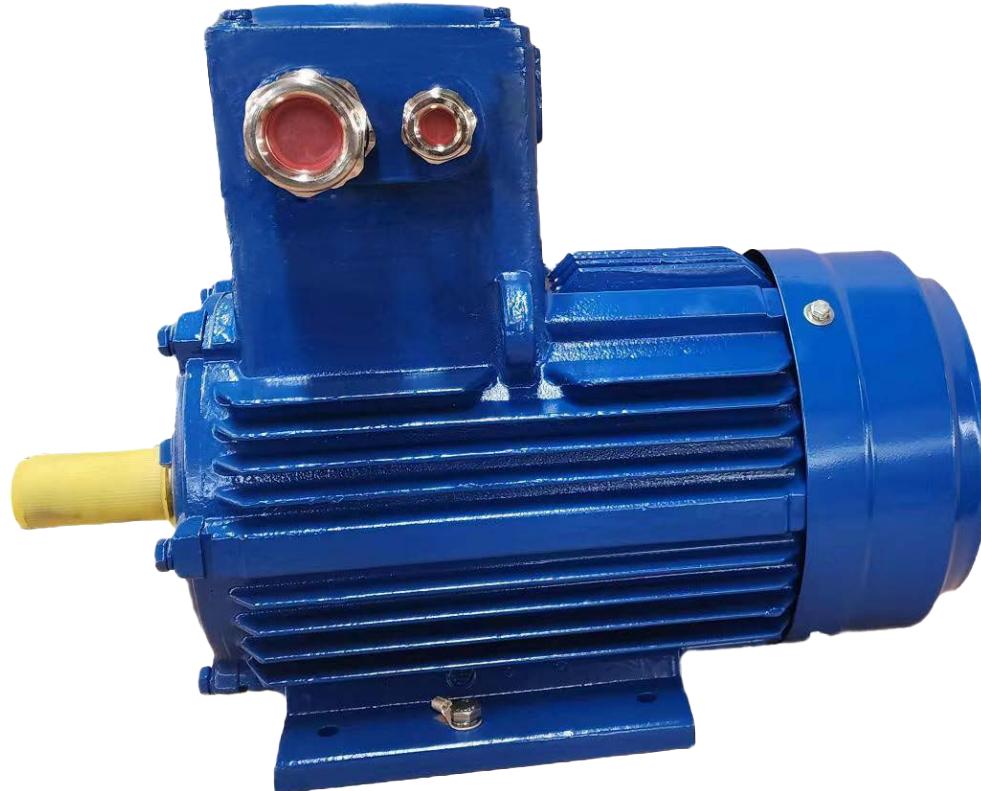


本样本中的数据允许变动，不另行通知。

## Constructions and mounting arrangements

## 安装结构型式

**Horizontal shaft position 卧式安装**B3  
80-355 \*



Bearing size

轴承牌号

Frame size 机座号	Poles 极数	Bearing size / 轴承牌号	
		DE-side 轴伸端	NDE-side 非轴伸端
80	2,4,6,8	6204-2RZ/C3	6204-2RZ/C3
90	2,4,6,8	6205-2RZ/C3	6205-2RZ/C3
100	2,4,6,8	6206-2RZ/C3	6206-2RZ/C3
112	2,4,6,8	6206-2RZ/C3	6206-2RZ/C3
132	2,4,6,8	6208-2RZ/C3	6208-2RZ/C3
160 (IIB)	2	6209/C3	6209/C3
160 (IIB)	4,6,8	6309/C3	6209/C3
160 (IIC)	2	6209-2RZ/C3	6209-2RZ/C3
160 (IIC)	4,6,8	6209-2RZ/C3	6209-2RZ/C3
180	2,4,6,8	6311/C3	6211/C3
200	2	6212/C3	6212/C3
200	4,6,8	6312/C3	6212/C3
225	2	6312/C3	6312/C3
225	4,6,8	6313/C3	6312/C3
250	2	6313/C3	6313/C3
250	4,6,8	6314/C3	6313/C3
280	2	6314/C3	6314/C3
280	4,6,8	6317/C3	6314/C3
315	2	6316/C3	6316/C3
315	4,6,8,10	6319/C3	6319/C3
355	2	6319/C3	6319/C3
355	4,6,8,10	6322/C3	6319/C3

Warning:  
Please refer to the nameplate data when replacing bearing.

注意：  
更换轴承时请参考铭牌上的轴承牌号

## Technical data / 性能数据

## 2 pole motors / 2 极

IE3 | 2

Type	400V 50Hz data at +40°C			460V 60Hz data at +45°C			Efficiency 效率 50Hz 100%	Efficiency 效率 50Hz 75%	Efficiency 效率 50Hz 50%	Power factor 功率因数	Starting current ratio 起动电流倍数 $I_A/I_N$	Starting torque ratio 起动转矩倍数 $M_A/M_N$	Pull out torque ratio 最大转矩倍数 $M_{MAX}/M_N$	Moment of inertia 转动惯量	Mass (B3) 重量
	Power 功率	Full load speed 满载转速	Full load current 满载电流	Power 功率	Full load speed 满载转速	Full load current 满载电流									
	kW	rpm	A	kW	rpm	A	%	%	%	cos Φ					
3DX-80M1-2	0.75	2885	1.6	0.86	3462	1.6	81.6	81.9	80.1	0.82	7.0	2.3	2.3	0.0010	25
3DX-80M2-2	1.1	2885	2.3	1.27	3462	2.3	83.5	84.3	83.4	0.83	7.3	2.2	2.3	0.0013	27
3DX-90S-2	1.5	2895	3.0	1.7	3474	3.0	84.8	85.2	84.1	0.84	7.6	2.2	2.3	0.0021	32
3DX-90L-2	2.2	2900	4.4	2.5	3480	4.4	86.5	87.1	86.4	0.85	7.6	2.2	2.3	0.0028	35
3DX-100L-2	3	2890	5.7	3.5	3468	5.7	87.6	88.4	88.2	0.87	7.8	2.2	2.3	0.0046	46
3DX-112M-2	4	2900	7.4	4.6	3480	7.4	88.7	89.3	88.7	0.88	8.3	2.2	2.3	0.0074	64
3DX-132S1-2	5.5	2925	10.1	6.3	3510	10.1	89.8	89.9	89.0	0.88	8.3	2.0	2.3	0.0145	85
3DX-132S2-2	7.5	2925	13.7	8.6	3510	13.7	90.7	91.0	90.5	0.88	7.9	2.0	2.3	0.0176	89
3DX-160M1-2	11	2945	19.6	12.7	3534	19.6	91.7	91.8	90.9	0.89	8.1	2.0	2.3	0.0513	148
3DX-160M2-2	15	2950	26.5	17.3	3540	26.5	92.8	92.9	92.1	0.89	8.1	2.0	2.3	0.0654	159
3DX-160L-2	18.5	2945	32.5	21.3	3534	32.5	92.9	93.1	92.5	0.89	8.2	2.0	2.3	0.0760	176
3DX-180M-2	22	2955	38.5	25.3	3546	38.5	92.8	92.6	91.5	0.89	8.2	2.0	2.3	0.1183	221
3DX-200L1-2	30	2965	52.2	34.5	3558	52.2	93.6	93.6	92.8	0.89	7.6	2.0	2.3	0.1649	264
3DX-200L2-2	37	2965	64.0	42.6	3558	64.0	93.8	93.8	93.1	0.89	7.6	2.0	2.3	0.1945	278
3DX-225M-2	45	2965	76.8	52	3558	76.8	94.2	94.1	93.4	0.90	7.7	2.0	2.3	0.3097	390
3DX-250M-2	55	2970	93.6	63	3564	93.6	94.4	94.1	93.1	0.90	7.7	2.0	2.3	0.4168	498
3DX-280S-2	75	2975	127.0	86	3570	127.0	94.8	94.5	93.5	0.90	7.1	1.8	2.3	0.6849	612
3DX-280M-2	90	2975	151.9	104	3570	151.9	95.1	94.9	94.1	0.90	7.1	1.8	2.3	0.8015	684
3DX-315S-2	110	2980	185.3	127	3576	185.3	95.5	95.2	94.2	0.90	7.1	1.8	2.3	1.5305	970
3DX-315M-2	132	2975	221.9	152	3570	221.9	95.6	95.3	94.3	0.90	7.1	1.8	2.3	1.7253	1030
3DX-315L1-2	160	2975	265.4	184	3570	265.4	95.9	95.7	94.9	0.91	7.2	1.8	2.3	2.0592	1170
3DX-315L2-2	200	2975	331.2	230	3570	331.2	95.9	95.6	94.6	0.91	7.2	1.8	2.2	2.5045	1320
3DX-355S1-2	185	2980	313.5	213	3576	313.5	95.7	95.8	95.2	0.89	7.1	1.8	2.2	2.8815	1480
3DX-355S2-2	200	2980	331.2	230	3576	331.2	95.8	95.6	94.6	0.89	7.1	1.8	2.2	3.0544	1740
3DX-355M1-2	220	2980	372.4	253	3576	372.4	95.8	95.9	95.3	0.91	7.1	1.8	2.2	3.1254	1790
3DX-355M2-2	250	2980	413.9	288	3576	413.9	95.9	95.5	94.3	0.91	7.2	1.6	2.2	3.1254	1840
3DX-355L1-2	280	2980	468.7	322	3576	468.7	95.8	95.5	94.3	0.91	7.2	1.6	2.2	3.7504	2040
3DX-355L2-2	315	2980	515.9	362	3576	515.9	96.1	95.6	94.5	0.91	7.2	1.6	2.2	3.7504	2060

## Technical data / 性能数据

## 4 pole motors / 4极

IE3 | 4

Type	400V 50Hz data at +40°C			460V 60Hz data at +45°C			Efficiency 效率 50Hz 100%	Efficiency 效率 50Hz 75%	Efficiency 效率 50Hz 50%	Power factor 功率因数	Starting current ratio 起动电流倍数 $I_A/I_N$	Starting torque ratio 起动转矩倍数 $M_A/M_N$	Pull out torque ratio 最大转矩倍数 $M_{MAX}/M_N$	Moment of inertia 转动惯量	Mass (B3) 重量
	Power 功率	Full load speed 满载转速	Full load current 满载电流	Power 功率	Full load speed 满载转速	Full load current 满载电流									
	kW	rpm	A	kW	rpm	A									
3DX-80M1-4	0.55	1435	1.3	0.63	1722	1.3	81.2	81.3	80.7	0.75	6.6	2.4	2.3	0.0020	28
3DX-80M2-4	0.75	1435	1.7	0.86	1722	1.7	83.3	83.5	81.7	0.75	6.6	2.3	2.3	0.0023	29
3DX-90S-4	1.1	1435	2.5	1.3	1722	2.5	84.8	85.6	84.7	0.76	6.8	2.3	2.3	0.0037	32
3DX-90L-4	1.5	1435	3.3	1.7	1722	3.3	85.9	86.7	86.0	0.77	7.0	2.3	2.3	0.0048	37
3DX-100L1-4	2.2	1450	4.6	2.5	1740	4.6	87.2	87.6	86.8	0.81	7.6	2.3	2.3	0.0090	47
3DX-100L2-4	3	1450	6.0	3.5	1740	6.0	88.2	88.8	88.2	0.82	7.6	2.3	2.3	0.0120	50
3DX-112M-4	4	1455	8.0	4.6	1746	8.0	89.3	89.6	88.6	0.82	7.8	2.2	2.3	0.0175	69
3DX-132S-4	5.5	1460	10.6	6.3	1752	10.6	90.4	90.8	90.2	0.83	7.9	2.0	2.3	0.0350	90
3DX-132M-4	7.5	1460	14.3	8.6	1752	14.3	90.9	91.4	91.0	0.84	7.5	2.0	2.3	0.0447	102
3DX-160M-4	11	1470	20.4	12.7	1764	20.4	91.8	92.0	91.4	0.85	7.7	2.2	2.3	0.0974	149
3DX-160L-4	15	1470	27.4	17.3	1764	27.4	92.7	92.9	92.5	0.86	7.8	2.2	2.3	0.1239	170
3DX-180M-4	18.5	1475	33.5	21.3	1770	33.5	93.0	93.2	92.6	0.86	7.8	2.0	2.3	0.1811	215
3DX-180L-4	22	1475	39.7	25.3	1770	39.7	93.3	93.5	93.0	0.86	7.8	2.0	2.3	0.2242	230
3DX-200L-4	30	1475	53.8	34.5	1770	53.8	93.9	93.9	93.3	0.86	7.3	2.0	2.3	0.3631	296
3DX-225S-4	37	1480	66.1	42.6	1776	66.1	94.1	94.2	93.6	0.86	7.4	2.0	2.3	0.5589	360
3DX-225M-4	45	1480	80.2	52	1776	80.2	94.6	94.7	94.3	0.86	7.4	2.0	2.3	0.6351	390
3DX-250M-4	55	1485	97.6	63	1782	97.6	95.1	95.0	94.4	0.86	7.4	2.2	2.3	0.8994	512
3DX-280S-4	75	1485	129.5	86	1782	129.5	95.3	95.3	94.5	0.88	6.9	2.0	2.3	1.6251	640
3DX-280M-4	90	1485	155.0	104	1782	155.0	95.2	95.2	94.6	0.88	6.9	2.0	2.3	1.9672	708
3DX-315S-4	110	1485	187.0	127	1782	187.0	95.5	95.4	94.6	0.89	7.0	2.0	2.2	3.2735	1060
3DX-315M-4	132	1485	223.9	152	1782	223.9	95.7	95.6	95.0	0.89	7.0	2.0	2.2	3.6959	1088
3DX-315L1-4	160	1485	270.8	184	1782	270.8	95.9	95.8	95.3	0.89	7.1	2.0	2.2	4.2239	1256
3DX-315L2-4	200	1485	334.1	230	1782	334.1	96.0	95.9	95.3	0.90	7.1	2.0	2.2	5.9135	1398
3DX-355S1-4	185	1490	312.6	213	1788	312.6	96.0	96.0	95.5	0.90	7.1	2.0	2.2	6.0200	1730
3DX-355S2-4	200	1490	334.1	230	1788	334.1	96.0	95.9	95.3	0.90	7.1	2.0	2.2	6.3000	1781
3DX-355M1-4	220	1490	371.6	253	1788	371.6	96.0	96.1	95.6	0.90	7.1	2.0	2.2	7.7952	1730
3DX-355M2-4	250	1490	417.6	288	1788	417.6	96.0	95.6	94.7	0.90	7.1	2.0	2.2	9.6762	1765
3DX-355L1-4	280	1490	467.8	322	1788	467.8	96.0	96.2	95.4	0.90	7.1	2.0	2.2	10.5721	1814
3DX-355L2-4	315	1490	526.2	362	1788	526.2	96.0	95.9	95.2	0.90	7.1	2.0	2.2	10.5721	1862

## Technical data / 性能数据

## 6 pole motors / 6 极

IE3 | 6

Type	400V 50Hz data at +40°C			460V 60Hz data at +45°C			Efficiency 效率 50Hz 100%	Efficiency 效率 50Hz 75%	Efficiency 效率 50Hz 50%	Power factor 功率因数 $\cos \Phi$	Starting current ratio 起动电流倍 数 $I_A/I_N$	Starting torque ratio 起动转矩倍 数 $M_A/M_N$	Pull out torque ratio 最大转矩倍 数 $M_{MAX}/M_N$	Moment of Inertia 转动惯量 $\text{kg}\cdot\text{m}^2$	Mass (B3) 重量 kg
	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A									
3DX-80M1-6	0.37	900	1.0	0.43	1080	1.0	73.7	73.7	71.5	0.70	6.0	1.9	2.0	0.0019	26
3DX-80M2-6	0.55	900	1.4	0.63	1080	1.4	77.3	77.3	75.2	0.72	6.0	1.9	2.0	0.0027	27
3DX-90S-6	0.75	955	1.9	0.86	1146	1.9	81.1	81.4	79.6	0.71	6.0	2.0	2.1	0.0048	32
3DX-90L-6	1.1	955	2.7	1.3	1146	2.7	82.9	83.6	82.2	0.73	6.0	2.0	2.1	0.0071	36
3DX-100L-6	1.5	955	3.6	1.7	1146	3.6	83.8	84.5	83.4	0.73	6.5	2.0	2.1	0.0126	44
3DX-112M-6	2.2	950	5.1	2.5	1140	5.1	84.5	85.3	84.3	0.74	6.6	2.0	2.1	0.0191	63
3DX-132S-6	3	970	6.8	3.5	1164	6.8	86.6	87.0	85.9	0.74	6.8	2.0	2.1	0.0357	80
3DX-132M1-6	4	970	9.0	4.6	1164	9.0	87.7	88.0	87.0	0.74	6.8	2.0	2.1	0.0477	90
3DX-132M2-6	5.5	970	12.1	6.3	1164	12.1	88.6	89.0	88.3	0.75	7.0	2.0	2.1	0.0630	100
3DX-160M-6	7.5	975	15.4	8.6	1170	15.4	90.1	90.4	89.7	0.79	7.0	2.0	2.1	0.1119	146
3DX-160L-6	11	975	21.9	12.7	1170	21.9	90.8	91.4	91.0	0.80	7.2	2.0	2.1	0.1492	172
3DX-180L-6	15	980	29.4	17.3	1176	29.4	91.9	92.5	92.3	0.81	7.3	2.0	2.1	0.2574	218
3DX-200L1-6	18.5	980	35.9	21.3	1176	35.9	92.5	92.9	92.4	0.81	7.3	2.0	2.1	0.3881	260
3DX-200L2-6	22	980	42.6	25.3	1176	42.6	92.8	93.1	92.8	0.81	7.4	2.0	2.1	0.4478	274
3DX-225M-6	30	985	56.1	34.5	1182	56.1	93.3	93.6	93.2	0.83	6.9	2.0	2.1	0.6342	355
3DX-250M-6	37	985	68.1	42.6	1182	68.1	93.7	93.8	93.2	0.84	7.1	2.0	2.1	1.0787	512
3DX-280S-6	45	985	81.5	52	1182	81.5	94.0	94.2	93.7	0.85	7.3	2.0	2.0	1.7050	589
3DX-280M-6	55	985	98.1	63	1182	98.1	94.3	94.5	94.2	0.86	7.3	2.0	2.0	2.0619	620
3DX-315S-6	75	990	136.2	86	1188	136.2	95.0	95.0	94.3	0.84	6.6	2.0	2.0	3.9210	980
3DX-315M-6	90	990	161.0	104	1188	161.0	95.2	95.2	94.6	0.85	6.7	2.0	2.0	4.2711	1014
3DX-315L1-6	110	990	196.5	127	1188	196.5	95.4	95.4	94.9	0.85	6.7	2.0	2.0	5.4614	1187
3DX-315L2-6	132	990	232.2	152	1188	232.2	95.6	95.7	95.2	0.86	6.8	2.0	2.0	6.5817	1222
3DX-355S-6	160	990	280.9	184	1188	280.9	95.6	95.4	94.5	0.86	6.8	1.8	2.0	10.3039	1660
3DX-355M1-6	185	990	320.7	213	1188	320.7	95.7	95.7	95.4	0.86	6.8	1.8	2.0	11.0721	1755
3DX-355M2-6	200	990	346.4	230	1188	346.4	95.8	95.7	95.0	0.87	6.8	1.8	2.0	11.7758	1805
3DX-355L1-6	220	990	381.0	253	1188	381.0	95.8	95.8	95.5	0.87	6.8	1.8	2.0	15.2860	2015
3DX-355L2-6	250	990	432.9	288	1188	432.9	96.1	95.9	95.3	0.87	6.8	1.8	2.0	15.2860	2150

## Technical data / 性能数据

## 8-10 pole motors / 8-10 极

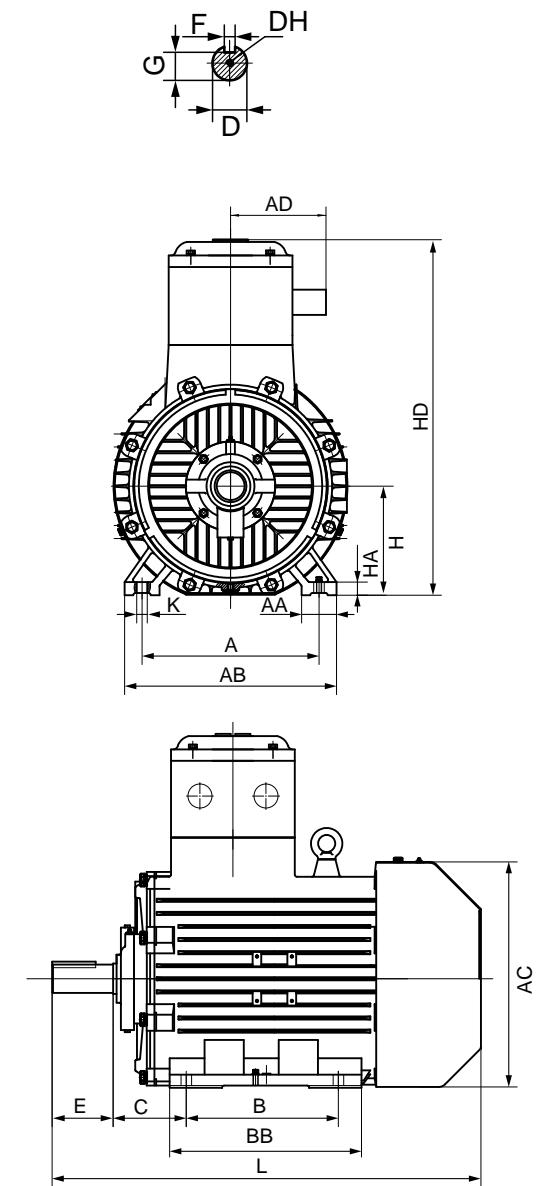
IE3 | 8-10

Type	400V 50Hz data at +40°C			460V 60Hz data at +45°C			Efficiency 效率 50Hz 100%	Efficiency 效率 50Hz 75%	Efficiency 效率 50Hz 50%	Power factor 功率因数 $\cos \Phi$	Starting current ratio 起动电流倍数 $I_A/I_N$	Starting torque ratio 起动转矩倍数 $M_A/M_N$	Pull out torque ratio 最大转矩倍数 $M_{MAX}/M_N$	Moment of inertia 转动惯量 kg·m²	Mass (B3) 重量 kg
	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A									
<b>8 pole motors / 8 极</b>															
3DX-100L1-8	0.75	680	2.2	0.86	816	2.2	75.0	75.1	74.6	0.67	5.0	1.8	2.0	0.0072	49
3DX-100L2-8	1.1	680	3.0	1.3	816	3.0	77.7	77.8	77.3	0.69	5.0	1.8	2.0	0.0081	65
3DX-112M-8	1.5	690	3.8	1.7	828	3.8	79.7	79.8	79.3	0.70	6.0	1.8	2.0	0.0140	69
3DX-132S-8	2.2	705	5.5	2.5	846	5.5	81.9	81.7	80.4	0.71	6.7	1.8	2.0	0.0320	84
3DX-132M-8	3	705	7.1	3.5	846	7.1	83.6	83.6	82.7	0.73	6.9	1.8	2.0	0.0392	92
3DX-160M1-8	4	720	9.3	4.6	864	9.3	84.8	84.9	83.7	0.73	6.9	1.9	2.0	0.0635	133
3DX-160M2-8	5.5	720	12.4	6.3	864	12.4	86.3	86.3	85.6	0.74	6.9	1.9	2.0	0.0897	150
3DX-160L-8	7.5	720	16.5	8.6	864	16.5	87.3	87.2	86.4	0.75	6.6	1.9	2.0	0.1270	175
3DX-180L-8	11	730	23.9	12.7	876	23.9	88.7	88.6	87.3	0.75	6.6	2.0	2.0	0.2140	214
3DX-200L-8	15	730	31.8	17.3	876	31.8	89.6	89.6	88.5	0.76	6.8	2.0	2.0	0.3490	270
3DX-225S-8	18.5	730	39.0	21.3	876	39.0	90.1	90.1	89.4	0.76	6.8	1.9	2.0	0.5200	325
3DX-225M-8	22	730	44.9	25.3	876	44.9	90.6	90.6	89.5	0.78	7.0	1.9	2.0	0.6200	355
3DX-250M-8	30	735	60.0	34.5	882	60.0	91.4	91.3	89.5	0.79	6.7	1.9	2.0	0.8900	480
3DX-280S-8	37	735	73.6	42.6	882	73.6	91.8	91.9	90.2	0.79	6.7	1.9	2.0	1.7100	559
3DX-280M-8	45	735	89.2	52	882	89.2	92.3	92.2	90.9	0.79	6.7	1.9	2.0	2.1500	640
3DX-315S-8	55	735	106.0	63	882	106.0	92.6	92.4	91.4	0.81	6.8	1.8	2.0	3.7900	960
3DX-315M-8	75	735	143.6	86	882	143.6	93.2	93.1	91.9	0.81	6.3	1.8	2.0	5.2000	1026
3DX-315L1-8	90	735	169.6	104	882	169.6	93.5	93.3	92.4	0.82	6.4	1.8	2.0	6.1900	1197
3DX-315L2-8	110	735	206.6	127	882	206.6	93.8	93.6	92.6	0.82	6.4	1.8	2.0	7.2600	1285
3DX-355S-8	132	740	247.2	152	888	247.2	94.1	94.0	92.9	0.82	6.4	1.8	2.0	11.8500	1700
3DX-355M-8	160	740	298.7	184	888	298.7	94.3	94.2	93.1	0.82	6.4	1.8	2.0	14.5000	1880
3DX-355L1-8	185	740	344.6	213	888	344.6	94.5	94.4	94.1	0.82	6.4	1.6	2.0	16.1600	2086
3DX-355L2-8	200	740	367.7	230	888	367.7	94.6	94.6	93.3	0.83	6.4	1.8	2.0	18.1200	2170
<b>10 pole motors / 10 极</b>															
3DX-315S-10	45	590	95.0	52	708	95.0	91.2	91.3	88.5	0.75	6.2	1.5	2.0	3.7900	972
3DX-315M-10	55	590	115.3	63	708	115.3	91.8	91.9	89.1	0.75	6.2	1.5	2.0	4.6200	1080
3DX-315L1-10	75	590	154.3	86	708	154.3	92.3	92.4	89.5	0.76	6.2	1.5	2.0	6.1900	1226
3DX-315L2-10	90	590	181.6	104	708	181.6	92.9	93.0	90.1	0.77	6.2	1.5	2.0	7.260	1284
3DX-355S-10	90	590	181.6	104	708	181.6	92.9	93.0	90.1	0.77	6.0	1.3	2.0	9.354	1405
3DX-355M1-10	110	590	218.6	127	708	218.6	93.1	93.2	90.3	0.78	6.0	1.3	2.0	10.610	1880
3DX-355M2-10	132	590	261.3	152	708	261.3	93.5	93.6	90.7	0.78	6.0	1.3	2.0	12.700	1960
3DX-355L1-10	160	590	316.6	184	708	316.6	93.5	93.6	90.7	0.78	6.0	1.3	2.0	15.640	2086
3DX-355L2-10	185	590	366.1	213	708	366.1	93.5	93.6	90.7	0.78	6.0	1.3	2.0	17.880	2312

## Dimensions B3 / 尺寸 B3

IE3 | B3

机座号 Frame Size	极数 Poles	A	B	C	D	E	F	G	DH	H	K	AA	AB	AC	AD	BB	HA	HD	L
80M	2,4,6,8	125	100	50	19	40	6	15.5	M6x16	80	10	34	165	170	180	130	10	320	325
90S	2,4,6,8	140	100	56	24	50	8	20	M8x19	90	10	36	180	185	180	155	14	330	385
90L	2,4,6,8	140	125	56	24	50	8	20	M8x19	90	10	36	180	185	180	180	14	330	410
100L	2,4,6,8	160	140	63	28	60	8	24	M10x22	100	12	43	205	210	180	176	14	360	445
112M	2,4,6,8	190	140	70	28	60	8	24	M10x22	112	12	50	240	225	200	230	16	380	515
132S	2,4,6,8	216	140	89	38	80	10	33	M12x28	132	12	60	280	265	200	190	18	430	520
132M	2,4,6,8	216	178	89	38	80	10	33	M12x28	132	12	60	280	265	200	230	18	430	560
160M	2,4,6,8	254	210	108	42	110	12	37	M16x36	160	14.5	70	320	320	220	258	20	500	700
160L	2,4,6,8	254	254	108	42	110	12	37	M16x36	160	14.5	70	320	320	220	302	20	500	730
180M	2,4,6,8	279	241	121	48	110	14	42.5	M16x36	180	14.5	70	355	360	220	311	25	540	790
180L	2,4,6,8	279	279	121	48	110	14	42.5	M16x36	180	14.5	70	355	360	220	349	25	540	810
200L	2,4,6,8	318	305	133	55	110	16	49	M20x42	200	18.5	70	400	400	250	366	25	650	850
225S	4,6,8	356	286	149	60	140	18	53	M20x42	225	18.5	75	435	450	250	355	28	695	880
225M	2	356	311	149	55	110	16	49	M20x42	225	18.5	75	435	450	250	380	28	695	880
	4,6,8	356	311	149	60	140	18	53	M20x42	225	18.5	75	435	450	250	380	28	695	910
250M	2	406	349	168	60	140	18	53	M20x42	250	24	80	500	500	275	425	30	730	975
	4,6,8	406	349	168	65	140	18	58	M20x42	250	24	80	500	500	275	425	30	730	975
280S	2	457	368	190	65	140	18	58	M20x42	280	24	85	545	550	275	455	35	800	1015
	4,6,8	457	368	190	75	140	20	67.5	M20x42	280	24	85	545	550	275	455	35	800	1045
280M	2	457	419	190	65	140	18	58	M20x42	280	24	85	545	550	275	505	35	800	1070
	4,6,8	457	419	190	75	140	20	67.5	M20x42	280	24	85	545	550	275	505	35	800	1110
315S	2	508	406	216	65	140	18	58	M20x42	315	28	120	640	630	350	630	45	960	1220
	4,6,8,10	508	406	216	80	170	22	71	M20x42	315	28	120	640	630	350	630	45	960	1290
315M	2	508	457	216	65	140	18	58	M20x42	315	28	120	640	630	350	630	45	960	1220
	4,6,8,10	508	457	216	80	170	22	71	M20x42	315	28	120	640	630	350	630	45	960	1290
315L	2	508	508	216	65	140	18	58	M20x42	315	28	120	640	630	350	730	45	960	1370
	4,6,8,10	508	508	216	80	170	22	71	M20x42	315	28	120	640	630	350	730	45	960	1440
355S	2	610	500	254	75	140	20	67.5	M20x42	355	28	150	740	710	350	710	52	1030	1450
	4,6,8,10	610	500	254	95	170	25	86	M24x47	355	28	150	740	710	350	710	52	1030	1480
355M	2	610	560	254	75	140	20	67.5	M20x42	355	28	150	740	710	350	710	52	1030	1450
	4,6,8,10	610	560	254	95	170	25	86	M24x47	355	28	150	740	710	350	710	52	1030	1480
355L	2	610	630	254	75	140	20	67.5	M20x42	355	28	150	740	710	350	810	52	1030	1550
	4,6,8,10	610	630	254	95	170	25	86	M24x47	355	28	150	740	710	350	810	52	1030	1580



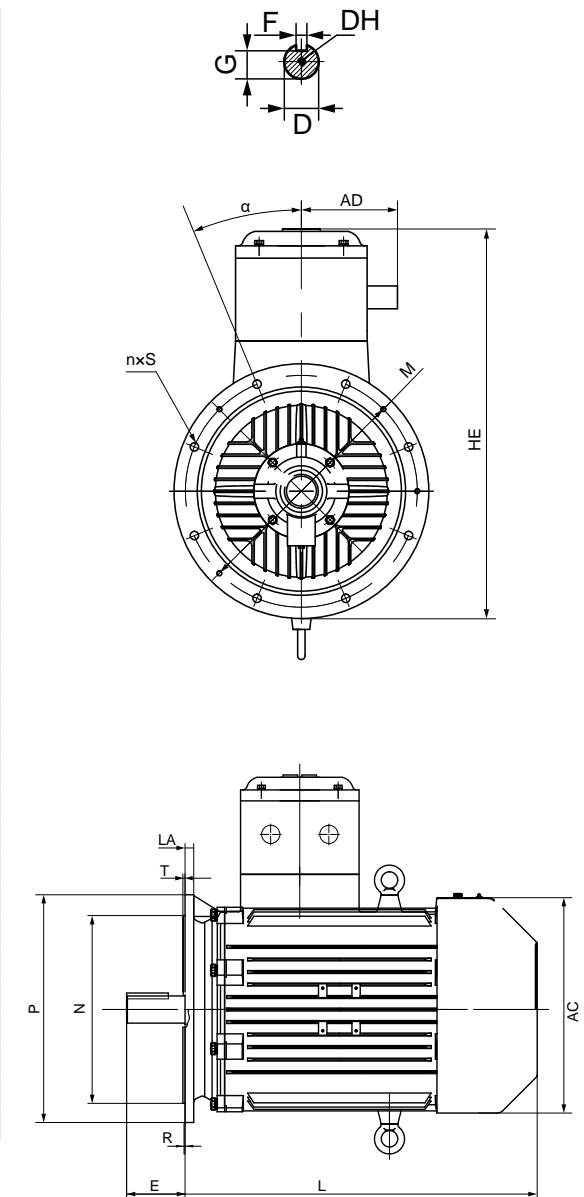
Dimensions B5 / 尺寸 B5

## IE3 | B5

机座号 Frame Size	极数 Poles	D	E	F	G	DH	H	M	N	P	S	T	AC	AD	HE	LA	L	LA	L
80M	2,4,6,8	19	40	6	15,5	M6x16	80	165	130	200	12	3,5	170	180	340	12	325	12	325
90S	2,4,6,8	24	50	8	20	M8x19	90	165	130	200	12	3,5	185	180	355	14	385	14	385
90L	2,4,6,8	24	50	8	20	M8x19	90	165	130	200	12	3,5	185	180	355	14	410	14	410
100L	2,4,6,8	28	60	8	24	M10x22	100	215	180	250	14,5	4	210	180	400	14	445	14	445
112M	2,4,6,8	28	60	8	24	M10x22	112	215	180	250	14,5	4	225	200	420	14	515	14	515
132S	2,4,6,8	38	80	10	33	M12x28	132	265	230	300	14,5	4	265	200	490	14	520	14	520
132M	2,4,6,8	38	80	10	33	M12x28	132	265	230	300	14,5	4	265	200	490	14	560	14	560
160M	2,4,6,8	42	110	12	37	M16x36	160	300	250	350	18,5	5	320	220	520	15	700	15	700
160L	2,4,6,8	42	110	12	37	M16x36	160	300	250	350	18,5	5	320	220	520	15	730	15	730
180M	2,4,6,8	48	110	14	42,5	M16x36	180	300	250	350	18,5	5	360	220	540	18	790	18	790
180L	2,4,6,8	48	110	14	42,5	M16x36	180	300	250	350	18,5	5	360	220	540	18	810	18	810
200L	2,4,6,8	55	110	16	49	M20x42	200	350	300	400	18,5	5	400	250	650	18	850	18	850
225S	4,6,8	60	140	18	53	M20x42	225	400	350	450	18,5	5	450	250	695	18	880	18	880
225M	2	55	110	16	49	M20x42	225	400	350	450	18,5	5	450	250	695	18	880	18	880
	4,6,8	60	140	18	53	M20x42	225	400	350	450	18,5	5	450	250	695	18	910	18	910
250M	2	60	140	18	53	M20x42	250	500	450	550	18,5	5	500	275	755	20	975	20	975
	4,6,8	65	140	18	58	M20x42	250	500	450	550	18,5	5	500	275	755	20	975	20	975
280S	2	65	140	18	58	M20x42	280	500	450	550	18,5	5	550	275	795	22	1015	22	1015
	4,6,8	75	140	20	67,5	M20x42	280	500	450	550	18,5	5	550	275	795	22	1045	22	1045
280M	2	65	140	18	58	M20x42	280	500	450	550	18,5	5	550	275	795	22	1070	22	1070
	4,6,8	75	140	20	67,5	M20x42	280	500	450	550	18,5	5	550	275	795	22	1110	22	1110
315S	2	65	140	18	58	M20x42	315	600	550	660	24	6	630	350	975	25	1220	25	1220
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	24	6	630	350	975	25	1290	25	1290
315M	2	65	140	18	58	M20x42	315	600	550	660	24	6	630	350	975	25	1220	25	1220
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	24	6	630	350	975	25	1290	25	1290
315L	2	65	140	18	58	M20x42	315	600	550	660	24	6	630	350	975	25	1370	25	1370
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	24	6	630	350	975	25	1440	25	1440
355S	2	75	140	20	67,5	M20x42	355	740	680	800	24	6	710	350	1145	25	1450	25	1450
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	24	6	710	350	1145	25	1480	25	1480
355M	2	75	140	20	67,5	M20x42	355	740	680	800	24	6	710	350	1145	25	1450	25	1450
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	24	6	710	350	1145	25	1480	25	1480
355L	2	75	140	20	67,5	M20x42	355	740	680	800	24	6	710	350	1145	25	1550	25	1550
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	24	6	710	350	1145	25	1580	25	1580

Note: H315-355 B5 is only available for V1 mounting without rain cap.

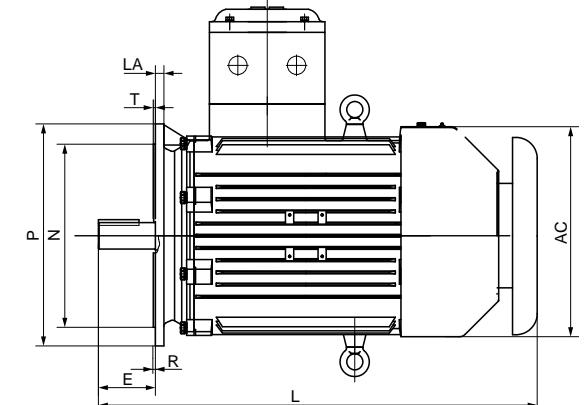
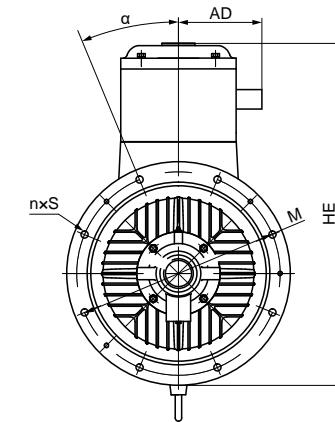
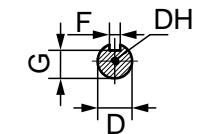
注: 315-355机座B5只适用于V1安装不带防雨罩。



Dimensions V1 / 尺寸 V1

IE3 | V1

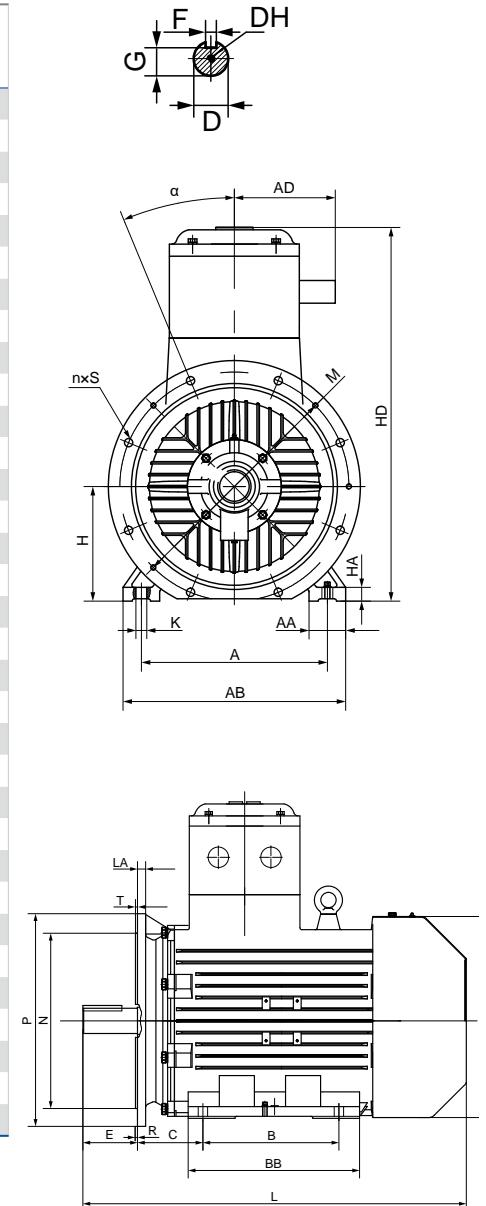
机座号 Frame Size	极数 Poles	D	E	F	G	DH	H	M	N	P	R	$\alpha^\circ$	n×S	T	AC	AD	HE	LA	L
80M	2,4,6,8	19	40	6	15.5	M6x16	80	165	130	200	0	45	4×12	3.5	170	180	340	12	365
90S	2,4,6,8	24	50	8	20	M8x19	90	165	130	200	0	45	4×12	3.5	185	180	355	14	425
90L	2,4,6,8	24	50	8	20	M8x19	90	165	130	200	0	45	4×12	3.5	185	180	355	14	450
100L	2,4,6,8	28	60	8	24	M10x22	100	215	180	250	0	45	4×14.5	4	210	180	400	14	485
112M	2,4,6,8	28	60	8	24	M10x22	112	215	180	250	0	45	4×14.5	4	225	200	420	14	555
132S	2,4,6,8	38	80	10	33	M12x28	132	265	230	300	0	45	4×14.5	4	265	200	490	14	560
132M	2,4,6,8	38	80	10	33	M12x28	132	265	230	300	0	45	4×14.5	4	265	200	490	14	600
160M	2,4,6,8	42	110	12	37	M16x36	160	300	250	350	0	45	4×18.5	5	320	220	520	15	750
160L	2,4,6,8	42	110	12	37	M16x36	160	300	250	350	0	45	4×18.5	5	320	220	520	15	780
180M	2,4,6,8	48	110	14	42.5	M16x36	180	300	250	350	0	45	4×18.5	5	360	220	540	18	850
180L	2,4,6,8	48	110	14	42.5	M16x36	180	300	250	350	0	45	4×18.5	5	360	220	540	18	870
200L	2,4,6,8	55	110	16	49	M20x42	200	350	300	400	0	45	4×18.5	5	400	250	650	18	920
225S	4,6,8	60	140	18	53	M20x42	225	400	350	450	0	22.5	4×18.5	5	450	250	695	18	970
225M	2	55	110	16	49	M20x42	225	400	350	450	0	22.5	4×18.5	5	450	250	695	18	970
	4,6,8	60	140	18	53	M20x42	225	400	350	450	0	22.5	4×18.5	5	450	250	695	18	1000
250M	2	60	140	18	53	M20x42	250	500	450	550	0	22.5	4×18.5	5	500	275	755	20	1080
	4,6,8	65	140	18	58	M20x42	250	500	450	550	0	22.5	4×18.5	5	500	275	755	20	1080
280S	2	65	140	18	58	M20x42	280	500	450	550	0	22.5	4×18.5	5	550	275	795	22	1130
	4,6,8	75	140	20	67.5	M20x42	280	500	450	550	0	22.5	4×18.5	5	550	275	795	22	1160
280M	2	65	140	18	58	M20x42	280	500	450	550	0	22.5	4×18.5	5	550	275	795	22	1185
	4,6,8	75	140	20	67.5	M20x42	280	500	450	550	0	22.5	4×18.5	5	550	275	795	22	1225
315S	2	65	140	18	58	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	975	25	1340
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	975	25	1410
315M	2	65	140	18	58	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	975	25	1340
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	975	25	1410
315L	2	65	140	18	58	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	975	25	1490
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	975	25	1560
355S	2	75	140	20	67.5	M20x42	355	740	680	800	0	22.5	8×24	6	710	350	1145	25	1590
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	0	22.5	8×24	6	710	350	1145	25	1620
355M	2	75	140	20	67.5	M20x42	355	740	680	800	0	22.5	8×24	6	710	350	1145	25	1590
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	0	22.5	8×24	6	710	350	1145	25	1620
355L	2	75	140	20	67.5	M20x42	355	740	680	800	0	22.5	8×24	6	710	350	1145	25	1690
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	0	22.5	8×24	6	710	350	1145	25	1720



# IE3 | B35

Dimensions B35 / 尺寸 B35

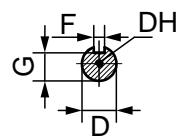
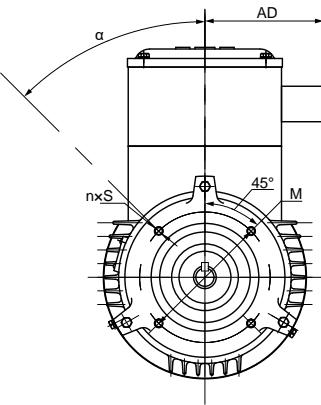
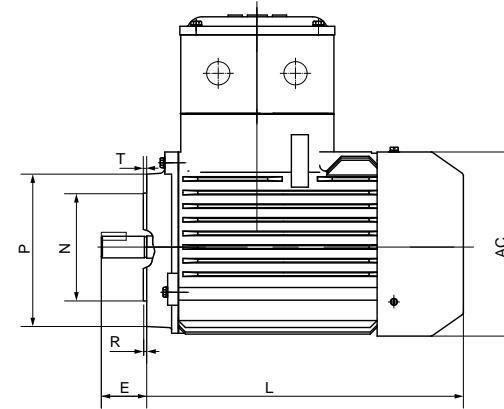
机座号 Frame Size	极数 Poles	A	B	C	D	E	F	G	DH	H	K	M	N	P	R	$\alpha^\circ$	n×S	T	AA	AB	AC	AD	BB	HA	HD	LA	L
80M	2,4,6,8	125	100	50	19	40	6	15.5	M6x16	80	10	165	130	200	0	45	4×12	3.5	34	165	170	180	130	10	320	12	325
90S	2,4,6,8	140	100	56	24	50	8	20	M8x19	90	10	165	130	200	0	45	4×12	3.5	36	180	185	180	155	14	330	14	385
90L	2,4,6,8	140	125	56	24	50	8	20	M8x19	90	10	165	130	200	0	45	4×12	3.5	36	180	185	180	180	14	330	14	410
100L	2,4,6,8	160	140	63	28	60	8	24	M10x22	100	12	215	180	250	0	45	4×14.5	4	43	205	210	180	176	14	360	14	445
112M	2,4,6,8	190	140	70	28	60	8	24	M10x22	112	12	215	180	250	0	45	4×14.5	4	50	240	225	200	230	16	380	14	515
132S	2,4,6,8	216	140	89	38	80	10	33	M12x28	132	12	265	230	300	0	45	4×14.5	4	60	280	265	200	190	18	430	14	520
132M	2,4,6,8	216	178	89	38	80	10	33	M12x28	132	12	265	230	300	0	45	4×14.5	4	60	280	265	200	230	18	430	14	560
160M	2,4,6,8	254	210	108	42	110	12	37	M16x36	160	14.5	300	250	350	0	45	4×18.5	5	70	320	320	220	258	20	500	15	700
160L	2,4,6,8	254	254	108	42	110	12	37	M16x36	160	14.5	300	250	350	0	45	4×18.5	5	70	320	320	220	302	20	500	15	730
180M	2,4,6,8	279	241	121	48	110	14	42.5	M16x36	180	14.5	300	250	350	0	45	4×18.5	5	70	355	360	220	311	25	540	18	790
180L	2,4,6,8	279	279	121	48	110	14	42.5	M16x36	180	14.5	300	250	350	0	45	4×18.5	5	70	355	360	220	349	25	540	18	810
200L	2,4,6,8	318	305	133	55	110	16	49	M20x42	200	18.5	350	300	400	0	45	4×18.5	5	70	400	400	250	366	25	650	18	850
225S	4,6,8	356	286	149	60	140	18	53	M20x42	225	18.5	400	350	450	0	22.5	4×18.5	5	75	435	450	250	355	28	695	18	880
225M	2	356	311	149	55	110	16	49	M20x42	225	18.5	400	350	450	0	22.5	4×18.5	5	75	435	450	250	380	28	695	18	880
	4,6,8	356	311	149	60	140	18	53	M20x42	225	18.5	400	350	450	0	22.5	4×18.5	5	75	435	450	250	380	28	695	18	910
250M	2	406	349	168	60	140	18	53	M20x42	250	24	500	450	550	0	22.5	4×18.5	5	80	500	500	275	425	30	730	20	975
	4,6,8	406	349	168	65	140	18	58	M20x42	250	24	500	450	550	0	22.5	4×18.5	5	80	500	500	275	425	30	730	20	975
280S	2	457	368	190	65	140	18	58	M20x42	280	24	500	450	550	0	22.5	4×18.5	5	85	545	550	275	455	35	800	22	1015
	4,6,8	457	368	190	75	140	20	67.5	M20x42	280	24	500	450	550	0	22.5	4×18.5	5	85	545	550	275	455	35	800	22	1045
280M	2	457	419	190	65	140	18	58	M20x42	280	24	500	450	550	0	22.5	4×18.5	5	85	545	550	275	505	35	800	22	1070
	4,6,8	457	419	190	75	140	20	67.5	M20x42	280	24	500	450	550	0	22.5	4×18.5	5	85	545	550	275	505	35	800	22	1110
315S	2	508	406	216	65	140	18	58	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	630	45	960	25	1220
	4,6,8,10	508	406	216	80	170	22	71	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	630	45	960	25	1290
315M	2	508	457	216	65	140	18	58	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	630	45	960	25	1220
	4,6,8,10	508	457	216	80	170	22	71	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	630	45	960	25	1290
315L	2	508	508	216	65	140	18	58	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	730	45	960	25	1370
	4,6,8,10	508	508	216	80	170	22	71	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	730	45	960	25	1440
355S	2	610	500	254	75	140	20	67.5	M20x42	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	710	52	1030	25	1450
	4,6,8,10	610	500	254	95	170	25	86	M24x47	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	710	52	1030	25	1480
355M	2	610	560	254	75	140	20	67.5	M20x42	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	710	52	1030	25	1450
	4,6,8,10	610	560	254	95	170	25	86	M24x47	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	710	52	1030	25	1480
355L	2	610	630	254	75	140	20	67.5	M20x42	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	810	52	1030	25	1550
	4,6,8,10	610	630	254	95	170	25	86	M24x47	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	810	52	1030	25	1580



Dimensions B14 / 尺寸 B14

**IE3 | B14**

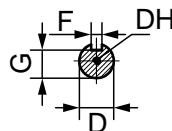
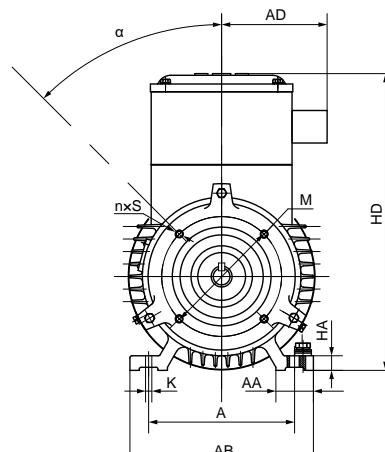
机座号 Frame Size	极数 Poles	D	E	F	G	DH	H	M	N	P	R	$\alpha^\circ$	n×S	T	AC	AD	L
80	2,4,6,8	19	40	6	15.5	M6x16	80	100	80	120	0	45	4×12	3	170	180	325
90S	2,4,6,8	24	50	8	20	M8x19	90	115	95	140	0	45	4×12	3	185	180	385
90L	2,4,6,8	24	50	8	20	M8x19	90	115	95	140	0	45	4×12	3	185	180	410
100L	2,4,6,8	28	60	8	24	M10x22	100	130	110	160	0	45	4×14.5	3.5	210	180	445
112M	2,4,6,8	28	60	8	24	M10x22	112	130	110	160	0	45	4×14.5	3.5	225	200	515



Dimensions B34 / 尺寸 B34

**IE3 | B34**

机座号 Frame Size	极数 Poles	A	B	C	D	E	F	G	DH	H	K	M	N	P	R	$\alpha^\circ$	n×S	T	AA	AB	AC	AD	BB	HA	HD	L
80	2,4,6,8	125	100	50	19	40	6	15.5	M6x16	80	10	100	80	120	0	45	4×12	3	34	165	170	180	130	10	320	325
90S	2,4,6,8	140	100	56	24	50	8	20	M8x19	90	10	115	95	140	0	45	4×12	3	36	180	185	180	155	14	330	385
90L	2,4,6,8	140	125	56	24	50	8	20	M8x19	90	10	115	95	140	0	45	4×12	3	36	180	185	180	180	14	330	410
100L	2,4,6,8	160	140	63	28	60	8	24	M10x22	100	12	130	110	160	0	45	4×14.5	3.5	43	205	210	180	176	14	360	445
112M	2,4,6,8	190	140	70	28	60	8	24	M10x22	112	12	130	110	160	0	45	4×14.5	3.5	50	240	225	200	230	16	380	515



## Technical data / 性能数据

## 2 pole motors / 2 极

IE4 | 2

Type	400V 50Hz data at +40°C			460V 60Hz data at +45°C			Efficiency 效率 50Hz 100%	Efficiency 效率 50Hz 75%	Efficiency 效率 50Hz 50%	Power factor 功率因数 $\cos \Phi$	Starting current ratio 起动电流倍 $I_A/I_N$	Starting torque ratio 起动转矩倍 $M_A/M_N$	Pull out torque ratio 最大转矩倍 $M_{MAX}/M_N$	Moment of inertia 转动惯量 $\text{kg}\cdot\text{m}^2$	Mass (B3) 重量 kg
	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A									
3DX-80M1-2	0.75	2890	1.5	0.86	3468	1.5	83.5	83.2	81.4	0.83	8.5	2.2	2.3	0.0013	29
3DX-80M2-2	1.1	2890	2.2	1.3	3468	2.2	85.2	84.9	82.8	0.83	8.5	2.2	2.3	0.0017	31
3DX-90S-2	1.5	2900	2.9	1.7	3480	2.9	86.5	86.0	84.9	0.85	9.0	2.2	2.3	0.0024	36
3DX-90L-2	2.2	2900	4.1	2.5	3480	4.1	88.0	87.4	83.6	0.86	9.0	2.2	2.3	0.0033	42
3DX-100L-2	3	2900	5.5	3.5	3480	5.5	89.1	88.4	87.7	0.87	9.5	2.2	2.3	0.0052	51
3DX-112M-2	4	2910	7.3	4.6	3492	7.3	90.0	89.6	88.5	0.88	9.5	2.2	2.3	0.0090	76
3DX-132S1-2	5.5	2945	9.9	6.3	3534	9.9	90.9	90.8	90.1	0.88	9.5	2.0	2.3	0.0260	105
3DX-132S2-2	7.5	2945	13.2	8.6	3534	13.2	91.7	91.6	90.7	0.89	9.5	2.0	2.3	0.0322	110
3DX-160M1-2	11	2955	19.2	12.7	3546	19.2	92.6	92.5	91.8	0.89	9.5	2.0	2.3	0.0649	169
3DX-160M2-2	15	2955	26.0	17.3	3546	26.0	93.3	92.5	92.0	0.89	9.5	2.0	2.3	0.0795	180
3DX-160L-2	18.5	2955	32.0	21.3	3546	32.0	93.7	93.5	92.6	0.89	9.5	2.0	2.3	0.0962	202
3DX-180M-2	22	2965	37.8	25.3	3558	37.8	94.0	93.9	92.9	0.89	9.5	2.0	2.3	0.1494	255
3DX-200L1-2	30	2970	51.5	34.5	3564	51.5	94.5	94.1	93.7	0.89	9.0	2.0	2.3	0.2436	328
3DX-200L2-2	37	2970	63.3	42.6	3564	63.3	94.8	94.6	93.7	0.89	9.0	2.0	2.3	0.2784	349
3DX-225M-2	45	2975	76.7	52	3570	76.7	95.0	94.9	93.8	0.89	9.0	2.0	2.3	0.3640	419
3DX-250M-2	55	2985	93.5	63	3582	93.5	95.3	95.0	95.0	0.89	9.0	2.0	2.3	0.9654	608
3DX-280S-2	75	2980	127.2	86	3576	127.2	95.6	95.5	94.9	0.89	8.5	1.8	2.3	1.1480	741
3DX-280M-2	90	2980	152.4	104	3576	152.4	95.8	95.7	95.0	0.89	8.5	1.8	2.3	1.3632	821
3DX-315S-2	110	2985	185.8	127	3582	185.8	96.0	95.8	94.8	0.89	8.5	1.8	2.3	1.8792	1136
3DX-315M-2	132	2985	223.0	152	3582	223.0	96.2	96.2	95.3	0.89	8.5	1.8	2.3	2.1728	1272
3DX-315L1-2	160	2985	269.7	184	3582	269.7	96.3	96.1	95.1	0.89	8.5	1.8	2.2	2.5252	1318
3DX-315L2-2	200	2985	336.8	230	3582	336.8	96.5	96.3	95.2	0.89	8.5	1.8	2.2	3.0537	1450
3DX-355S1-2	185	2985	311.2	213	3582	311.2	96.4	96.2	95.1	0.89	8.5	1.8	2.2	3.3220	1630
3DX-355S2-2	200	2985	336.8	230	3582	336.8	96.5	96.3	95.2	0.89	8.5	1.8	2.2	3.5641	1980
3DX-355M1-2	220	2985	361.6	253	3582	361.6	96.5	96.2	95.2	0.91	8.5	1.6	2.2	3.9067	1980
3DX-355M-2	250	2985	411.3	288	3582	411.3	96.5	96.2	95.2	0.91	8.5	1.6	2.2	4.1448	2100
3DX-355L1-2	280	2985	460.2	322	3582	460.2	96.5	96.2	95.2	0.91	8.5	1.6	2.2	4.2974	2150
3DX-355L-2	315	2985	517.8	362	3582	517.8	96.5	96.2	95.2	0.91	8.5	1.6	2.2	5.2220	2180

## Technical data / 性能数据

## 4 pole motors / 4 极

IE4 | 4

Type	400V 50Hz data at +40°C			460V 60Hz data at +45°C			Efficiency 效率 50Hz 100%	Efficiency 效率 50Hz 75%	Efficiency 效率 50Hz 50%	Power factor 功率因数 $\cos \Phi$	Starting current ratio 起动电流倍数 $I_A/I_N$	Starting torque ratio 起动转矩倍数 $M_A/M_N$	Pull out torque ratio 最大转矩倍数 $M_{MAX}/M_N$	Moment of inertia 转动惯量 kg·m²	Mass (B3) 重量 kg
	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A									
3DX-80M1-4	0.55	1435	1.3	0.63	1722	1.3	83.9	84.0	82.6	0.73	8.5	2.3	2.3	0.0019	30
3DX-80M2-4	0.75	1435	1.7	0.86	1722	1.7	85.7	85.5	85.1	0.74	8.5	2.3	2.3	0.0024	31
3DX-90S-4	1.1	1445	2.4	1.3	1734	2.4	87.2	87.3	86.3	0.75	8.5	2.3	2.3	0.0045	39
3DX-90L-4	1.5	1445	3.2	1.7	1734	3.2	88.2	87.9	86.6	0.76	9.0	2.3	2.3	0.0061	44
3DX-100L1-4	2.2	1460	4.5	2.5	1752	4.5	89.5	89.3	87.7	0.79	9.0	2.3	2.3	0.0123	54
3DX-100L2-4	3	1460	6.0	3.5	1752	6.0	90.4	90.3	89.4	0.80	9.5	2.3	2.3	0.0172	61
3DX-112M-4	4	1460	7.9	4.6	1752	7.9	91.1	91.2	90.6	0.80	9.5	2.3	2.3	0.2220	83
3DX-132S-4	5.5	1475	10.8	6.3	1770	10.8	91.9	91.8	91.2	0.80	9.5	2.0	2.3	0.0586	112
3DX-132M-4	7.5	1475	14.4	8.6	1770	14.4	92.6	92.5	91.7	0.81	9.5	2.0	2.3	0.0690	123
3DX-160M-4	11	1475	20.4	12.7	1770	20.4	93.3	93.2	92.4	0.83	9.5	2.2	2.3	0.1360	178
3DX-160L-4	15	1475	27.4	17.3	1770	27.4	93.9	94.0	92.9	0.84	9.5	2.2	2.3	0.1730	194
3DX-180M-4	18.5	1480	33.3	21.3	1776	33.3	94.2	94.1	93.2	0.85	9.5	2.0	2.3	0.2465	245
3DX-180L-4	22	1480	39.4	25.3	1776	39.4	94.5	94.5	93.9	0.85	9.5	2.0	2.3	0.2817	257
3DX-200L-4	30	1485	53.6	34.5	1782	53.6	94.9	94.7	94.0	0.85	9.0	2.0	2.3	0.5275	331
3DX-225S-4	37	1485	65.9	42.6	1782	65.9	95.2	95.1	94.3	0.85	9.0	2.0	2.3	0.7363	433
3DX-225M-4	45	1485	79.9	52	1782	79.9	95.4	95.5	95.0	0.85	9.0	2.0	2.3	0.8071	458
3DX-250M-4	55	1485	96.4	63	1782	96.4	95.7	95.6	94.9	0.86	9.0	2.0	2.3	1.3369	594
3DX-280S-4	75	1490	129.6	86	1788	129.6	96.0	95.9	95.2	0.87	8.5	2.0	2.3	1.9630	707
3DX-280M-4	90	1490	153.4	104	1788	153.4	96.1	96.1	95.5	0.88	8.5	2.0	2.3	2.1771	764
3DX-315S-4	110	1490	185.1	127	1788	185.1	96.3	96.2	95.9	0.89	8.5	1.8	2.2	3.6446	1145
3DX-315M-4	132	1490	221.8	152	1788	221.8	96.4	96.3	95.9	0.89	8.5	1.8	2.2	4.1342	1285
3DX-315L1-4	160	1490	265.9	184	1788	265.9	96.6	96.5	96.2	0.90	8.5	1.8	2.2	4.8958	1360
3DX-315L2-4	200	1490	332	230	1788	332	96.7	96.6	96.1	0.90	8.5	1.8	2.2	5.8749	1515
3DX-355S1-4	185	1490	307.1	213	1788	307.1	96.7	96.6	96.1	0.90	8.5	1.8	2.2	6.3237	1784
3DX-355S2-4	200	1490	332	230	1788	332	96.7	96.6	96.1	0.90	8.5	1.8	2.2	7.1527	1810
3DX-355M1-4	220	1490	364.9	253	1788	364.9	96.7	96.6	95.9	0.90	8.5	1.8	2.2	8.0879	1810
3DX-355M2-4	250	1490	414.6	288	1788	414.6	96.7	96.6	95.9	0.90	8.5	1.8	2.2	10.5792	2060
3DX-355L1-4	280	1490	564.4	322	1788	564.4	96.7	96.7	96.3	0.90	8.5	1.8	2.2	12.0640	2088
3DX-355L2-4	315	1490	521.9	362	1788	521.9	96.7	96.7	96.3	0.90	8.5	1.8	2.2	12.0640	2113

## Technical data / 性能数据

6 pole motors / 6 极

IE4 | 6

Type	400V 50Hz data at +40°C			460V 60Hz data at +45°C			Efficiency 效率 50Hz 100%	Efficiency 效率 50Hz 75%	Efficiency 效率 50Hz 50%	Power factor 功率因数 $\cos \Phi$	Starting current ratio 起动电流倍 数 $I_A/I_N$	Starting torque ratio 起动转矩倍 数 $M_A/M_N$	Pull out torque ratio 最大转矩倍 数 $M_{MAX}/M_N$	Moment of Inertia 转动惯量 $kg \cdot m^2$	Mass (B3) 重量 kg
	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A									
3DX-80M1-6	0.37	900	1.0	0.43	1080	1.0	78.0	78.2	77.7	0.69	6.0	1.9	2.0	0.0020	28
3DX-80M2-6	0.55	900	1.4	0.63	1080	1.4	80.9	81.3	79.5	0.71	6.0	1.9	2.0	0.0029	29
3DX-90S-6	0.75	955	1.9	0.86	1146	1.9	82.7	83.0	81.7	0.70	7.5	2.1	2.1	0.0057	36
3DX-90L-6	1.1	955	2.7	1.3	1146	2.7	84.5	84.7	83.4	0.70	7.5	2.1	2.1	0.0083	41
3DX-100L-6	1.5	960	3.5	1.7	1152	3.5	85.9	86.0	85.7	0.71	7.5	2.1	2.1	0.0159	52
3DX-112M-6	2.2	970	5.1	2.5	1164	5.1	87.4	87.5	85.8	0.71	7.5	2.1	2.1	0.0286	77
3DX-132S-6	3	975	6.9	3.5	1170	6.9	88.6	88.8	86.8	0.71	7.5	2.0	2.1	0.0457	91
3DX-132M1-6	4	975	8.9	4.6	1170	8.9	89.5	89.6	88.4	0.72	8.0	2.0	2.1	0.0564	105
3DX-132M2-6	5.5	975	12.3	6.3	1170	12.3	90.5	90.6	89.3	0.72	8.0	2.0	2.1	0.0806	119
3DX-160M-6	7.5	980	15.8	8.6	1176	15.8	91.3	91.2	90.9	0.76	8.0	2.0	2.1	0.1401	158
3DX-160L-6	11	980	22.5	12.7	1176	22.5	92.3	92.3	91.8	0.77	8.5	2.0	2.1	0.2081	200
3DX-180L-6	15	985	29.3	17.3	1182	29.3	92.9	93.0	91.3	0.80	8.5	2.0	2.1	0.3384	252
3DX-200L1-6	18.5	985	35.9	21.3	1182	35.9	93.4	93.5	92.6	0.80	8.5	2.0	2.1	0.4330	284
3DX-200L2-6	22	985	41.7	25.3	1182	41.7	93.7	93.7	92.7	0.81	8.5	2.0	2.1	0.5292	312
3DX-225M-6	30	985	56.1	34.5	1182	56.1	94.2	94.3	93.8	0.82	8.3	2.0	2.1	0.8085	388
3DX-250M-6	37	990	68.1	42.6	1188	68.1	94.5	94.7	93.7	0.83	8.3	2.0	2.1	1.5204	551
3DX-280S-6	45	990	82.5	52	1188	82.5	94.8	94.7	93.9	0.83	8.5	2.0	2.0	2.1302	650
3DX-280M-6	55	990	99.4	63	1188	99.4	95.1	95.1	94.3	0.84	8.0	2.0	2.0	2.4757	706
3DX-315S-6	75	990	135.1	86	1188	135.1	95.4	95.4	94.7	0.84	8.0	1.6	2.0	4.0861	1050
3DX-315M-6	90	990	159.9	104	1188	159.9	95.6	95.7	95.0	0.85	8.0	1.6	2.0	4.8746	1105
3DX-315L1-6	110	990	195.4	127	1188	195.4	95.8	95.7	95.6	0.85	8.0	1.6	2.0	5.8782	1230
3DX-315L2-6	132	990	231.3	152	1188	231.3	96.0	96.3	95.6	0.86	8.0	1.6	2.0	7.0252	1370
3DX-355S-6	160	990	279.7	184	1188	279.7	96.2	96.0	95.2	0.86	8.0	1.6	2.0	11.1414	1779
3DX-355M1-6	185	990	322.8	213	1188	322.8	96.2	96.0	95.2	0.86	8.0	1.6	2.0	12.2288	1834
3DX-355M2-6	200	990	349.3	230	1188	349.3	96.3	96.3	95.6	0.86	8.0	1.6	2.0	13.9627	1892
3DX-355L1-6	220	990	383.0	253	1188	383.0	96.4	96.3	95.7	0.86	8.0	1.6	2.0	14.3801	2176
3DX-355L-6	250	990	436.6	288	1188	436.6	96.5	96.6	96.0	0.86	8.0	1.6	2.0	15.7840	2305

## Technical data / 性能数据

## 8-10 pole motors / 8-10 极

IE4 | 8-10

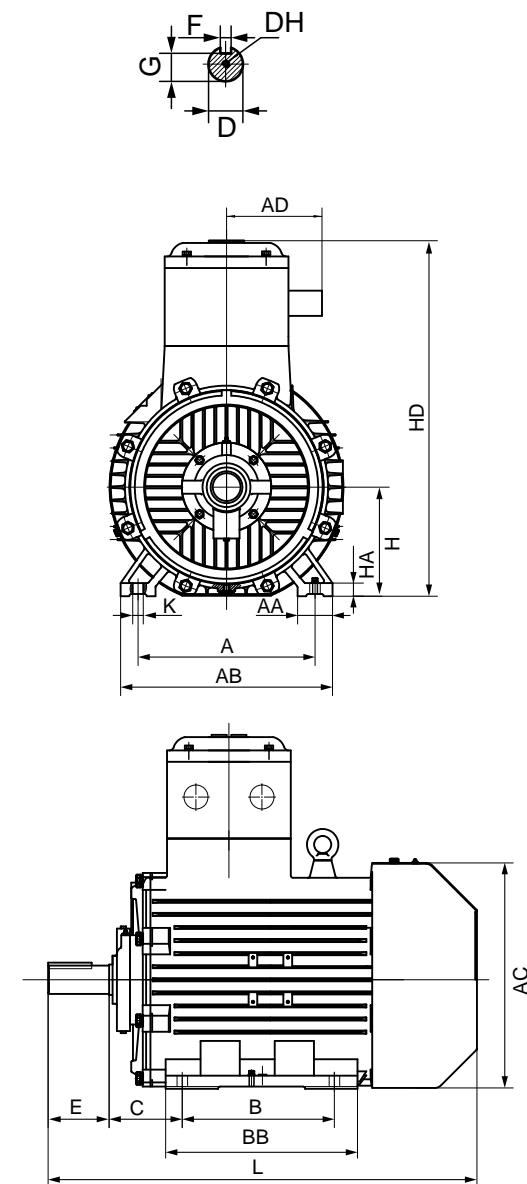
Type	400V 50Hz data at +40°C			460V 60Hz data at +45°C			Efficiency 效率 50Hz 100%	Efficiency 效率 50Hz 75%	Efficiency 效率 50Hz 50%	Power factor 功率因数 $\cos \Phi$	Starting current ratio 起动电流倍数 $I_A/I_N$	Starting torque ratio 起动转矩倍数 $M_A/M_N$	Pull out torque ratio 最大转矩倍数 $M_{MAX}/M_N$	Moment of inertia 转动惯量 $\text{kg}\cdot\text{m}^2$	Mass (B3) 重量 kg
	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A	Power 功率 kW	Full load speed 满载转速 rpm	Full load current 满载电流 A									
	8 pole motors / 8 极														
3DX-100L1-8	0.75	705	2.1	0.86	846	2.1	78.4	78.5	76.1	0.66	7.0	2.0	2.0	0.0092	55
3DX-100L2-8	1.1	705	2.9	1.3	846	2.9	80.8	80.9	78.4	0.67	7.0	2.0	2.0	0.0141	72
3DX-112M-8	1.5	710	3.8	1.7	852	3.8	82.6	82.7	80.1	0.69	7.0	1.8	2.0	0.0205	79
3DX-132S-8	2.2	720	5.4	2.5	864	5.4	84.5	84.6	84.3	0.70	7.5	1.8	2.0	0.0457	94
3DX-132M-8	3	720	7.2	3.5	864	7.2	85.9	85.8	85.5	0.70	7.8	1.8	2.0	0.0591	106
3DX-160M1-8	4	725	9.3	4.6	870	9.3	87.1	86.9	86.6	0.71	7.9	1.8	2.0	0.0849	149
3DX-160M2-8	5.5	725	12.5	6.3	870	12.5	88.3	89.1	87.9	0.72	8.1	1.8	2.0	0.1104	178
3DX-160L-8	7.5	725	16.4	8.6	870	16.4	89.3	89.2	88.5	0.74	7.8	1.8	2.0	0.1614	180
3DX-180L-8	11	735	23.7	12.7	882	23.7	90.4	90.2	89.5	0.74	7.9	1.8	2.0	0.2679	232
3DX-200L-8	15	735	31.7	17.3	882	31.7	91.2	91.1	90.7	0.75	8.0	1.8	2.0	0.3849	284
3DX-225S-8	18.5	735	38.8	21.3	882	38.8	91.7	91.8	91.2	0.75	8.1	1.8	2.0	0.6427	346
3DX-225M-8	22	735	45.4	25.3	882	45.4	92.1	92.0	91.6	0.76	8.3	1.8	2.0	0.7671	363
3DX-250M-8	30	740	60.7	34.5	888	60.7	92.7	92.7	92.1	0.77	7.9	1.8	2.0	1.2924	502
3DX-280S-8	37	740	73.5	42.6	888	73.5	93.1	93.0	92.5	0.78	7.9	1.8	2.0	1.9575	565
3DX-280M-8	45	740	89.2	52	888	89.2	93.4	93.3	93.1	0.78	7.9	1.8	2.0	2.4181	690
3DX-315S-8	55	740	105.9	63	888	105.9	93.7	93.6	93.4	0.80	8.2	1.6	2.0	3.8577	980
3DX-315M-8	75	740	143.6	86	888	143.6	94.2	94.1	94.1	0.80	7.6	1.6	2.0	5.1995	1090
3DX-315L1-8	90	740	169.9	104	888	169.9	94.4	94.5	93.9	0.81	7.7	1.6	2.0	6.2058	1272
3DX-315L2-8	110	740	207.0	127	888	207.0	94.7	94.7	94.0	0.81	7.7	1.6	2.0	7.7992	1310
3DX-355S-8	132	740	247.9	152	888	247.9	94.9	94.8	93.9	0.81	7.7	1.6	2.0	12.7935	1920
3DX-355M-8	160	740	296.1	184	888	296.1	95.1	95.1	94.3	0.82	7.7	1.6	2.0	15.6365	1946
3DX-355L1-8	185	740	342.1	213	888	342.1	95.2	95.1	94.4	0.82	7.7	1.6	2.0	17.5594	2186
3DX-355L2-8	200	740	369.0	230	888	369.0	95.4	95.3	94.6	0.82	7.8	1.6	2.0	18.4796	2278
10 pole motors / 10 极															
3DX-315S-10	45	590	95.0	52	708	95.0	91.2	91.3	88.5	0.75	6.2	1.5	2.0	3.7900	972
3DX-315M-10	55	590	115.3	63	708	115.3	91.8	91.9	89.1	0.75	6.2	1.5	2.0	4.6200	1080
3DX-315L1-10	75	590	154.3	86	708	154.3	92.3	92.4	89.5	0.76	6.2	1.5	2.0	6.1900	1226
3DX-315L2-10	90	590	181.6	104	708	181.6	92.9	93.0	90.1	0.77	6.2	1.5	2.0	7.260	1284
3DX-355S-10	90	590	181.6	104	708	181.6	92.9	93.0	90.1	0.77	6.0	1.3	2.0	9.354	1405
3DX-355M1-10	110	590	218.6	127	708	218.6	93.1	93.2	90.3	0.78	6.0	1.3	2.0	10.610	1880
3DX-355M2-10	132	590	261.3	152	708	261.3	93.5	93.6	90.7	0.78	6.0	1.3	2.0	12.700	1960
3DX-355L1-10	160	590	316.6	184	708	316.6	93.5	93.6	90.7	0.78	6.0	1.3	2.0	15.640	2086
3DX-355L2-10	185	590	366.1	213	708	366.1	93.5	93.6	90.7	0.78	6.0	1.3	2.0	17.880	2312

Dimensions B3 / 尺寸 B3

## IE4 | B3

机座号 Frame Size	极数 Poles	A	B	C	D	E	F	G	DH	H	K	AA	AB	AC	AD	BB	HA	HD	L
80M	2,4,6,8	125	100	50	19	40	6	15.5	M6x16	80	10	34	160	185	165	130	10	310	320
90S	2,4,6,8	140	100	56	24	50	8	20	M8x19	90	10	36	180	205	165	180	14	320	395
90L	2,4,6,8	140	125	56	24	50	8	20	M8x19	90	10	36	180	205	165	190	14	320	425
100L	2,4,6,8	160	140	63	28	60	8	24	M10x22	100	12	43	200	225	165	176*	14	340	450*
112M	2,4,6,8	190	140	70	28	60	8	24	M10x22	112	12	50	245	245	175	280	16	365	525
132S	2,4,6,8	216	140	89	38	80	10	33	M12x28	132	12	60	280	297	175	245	18	430	550
132M	2,4,6,8	216	178	89	38	80	10	33	M12x28	132	12	60	280	297	175	285	18	430	590
160M	2,4,6,8	254	210	108	42	110	12	37	M16x36	160	14.5	70	330	330	202	305	20	500	710
160L	2,4,6,8	254	254	108	42	110	12	37	M16x36	160	14.5	70	330	330	202	350	20	500	750
180M	2,4,6,8	279	241	121	48	110	14	42.5	M16x36	180	14.5	70	355	375	202	370	25	535	815
180L	2,4,6,8	279	279	121	48	110	14	42.5	M16x36	180	14.5	70	355	375	202	390	25	535	835
200L	2,4,6,8	318	305	133	55	110	16	49	M20x42	200	18.5	70	390	426	230	380	25	610	850
225S	4,6,8	356	286	149	60	140	18	53	M20x42	225	18.5	75	435	470	230	390	28	645	930
225M	2	356	311	149	55	110	16	49	M20x42	225	18.5	75	435	470	230	420	28	645	930
	4,6,8	356	311	149	60	140	18	53	M20x42	225	18.5	80	490	540	270	450	28	645	960
250M	2	406	349	168	60	140	18	53	M20x42	250	24	85	545	550	270	465	30	720	1000
	4,6,8	406	349	168	65	140	18	58	M20x42	250	24	85	545	550	270	520	30	720	1000
280S	2	457	368	190	65	140	18	58	M20x42	280	24	120	635	620	310	630	35	800	1065
	4,6,8	457	368	190	75	140	20	67.5	M20x42	280	24	120	635	620	310	730	35	800	1085
280M	2	457	419	190	65	140	18	58	M20x42	280	24	120	635	620	310	880	35	800	1120
	4,6,8	457	419	190	75	140	20	67.5	M20x42	280	24	150	735	700	310	710	35	800	1140
315S	2	508	406	216	65	140	18	58	M20x42	315	28	150	735	700	310	810	45	930	1220
	4,6,8,10	508	406	216	80	170	22	71	M20x42	315	28	150	735	700	310	940	45	930	1290
315M	2	508	457	216	65	140	18	58	M20x42	315	28	120	640	630	350	630	45	930	1370
	4,6,8,10	508	457	216	80	170	22	71	M20x42	315	28	120	640	630	350	630	45	930	1440
315L	2	508	508	216	65	140	18	58	M20x42	315	28	120	640	630	350	730	45	930	1470
	4,6,8,10	508	508	216	80	170	22	71	M20x42	315	28	120	640	630	350	730	45	930	1540
355S	2	610	500	254	75	140	20	67.5	M20x42	355	28	150	740	710	350	710	52	1000	1450
	4,6,8,10	610	500	254	95	170	25	86	M24x47	355	28	150	740	710	350	710	52	1000	1490
355M	2	610	560	254	75	140	20	67.5	M20x42	355	28	150	740	710	350	710	52	1000	1550
	4,6,8,10	610	560	254	95	170	25	86	M24x47	355	28	150	740	710	350	810	52	1000	1590
355L	2	610	630	254	75	140	20	67.5	M20x42	355	28	150	740	710	350	810	52	1000	1680
	4,6,8,10	610	630	254	95	170	25	86	M24x47	355	28	150	740	710	350	810	52	1000	1720

\* BB = 230 &amp; L = 490 for 3DX 100L2-4 IE4



## Dimensions B5 / 尺寸 B5

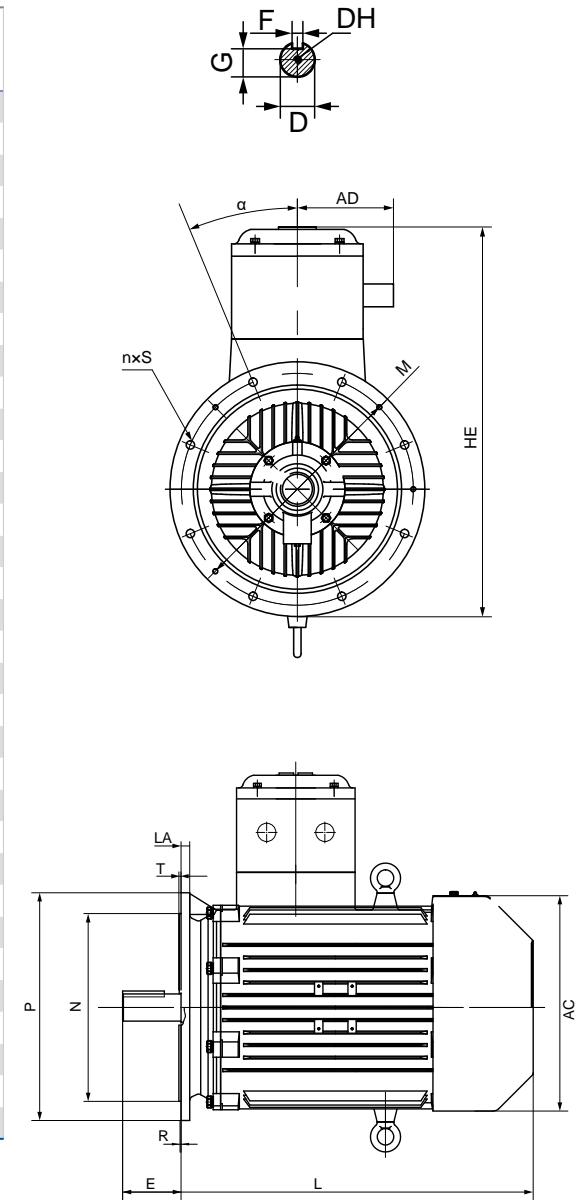
IE4 | B5

机座号 Frame Size	极数 Poles	D	E	F	G	DH	H	M	N	P	S	T	AC	AD	HE	LA	L	LA	L
80M	2,4,6,8	19	40	6	15,5	M6x16	80	165	130	200	12	3,5	185	165	330	12	320	12	320
90S	2,4,6,8	24	50	8	20	M8x19	90	165	130	200	12	3,5	205	165	345	14	395	14	395
90L	2,4,6,8	24	50	8	20	M8x19	90	165	130	200	12	3,5	205	165	345	14	425	14	425
100L	2,4,6,8	28	60	8	24	M10x22	100	215	180	250	14,5	4	225	165	380	14	450*	14	450*
112M	2,4,6,8	28	60	8	24	M10x22	112	215	180	250	14,5	4	245	175	405	14	525	14	525
132S	2,4,6,8	38	80	10	33	M12x28	132	265	230	300	14,5	4	297	175	490	14	550	14	550
132M	2,4,6,8	38	80	10	33	M12x28	132	265	230	300	14,5	4	297	175	490	14	590	14	590
160M	2,4,6,8	42	110	12	37	M16x36	160	300	250	350	18,5	5	330	202	520	15	710	15	710
160L	2,4,6,8	42	110	12	37	M16x36	160	300	250	350	18,5	5	330	202	520	15	750	15	750
180M	2,4,6,8	48	110	14	42,5	M16x36	180	300	250	350	18,5	5	375	202	535	18	815	18	815
180L	2,4,6,8	48	110	14	42,5	M16x36	180	300	250	350	18,5	5	375	202	535	18	835	18	835
200L	2,4,6,8	55	110	16	49	M20x42	200	350	300	400	18,5	5	426	230	610	18	850	18	850
225S	4,6,8	60	140	18	53	M20x42	225	400	350	450	18,5	5	470	230	645	18	930	18	930
225M	2	55	110	16	49	M20x42	225	400	350	450	18,5	5	470	230	645	18	930	18	930
	4,6,8	60	140	18	53	M20x42	225	400	350	450	18,5	5	540	270	645	18	960	18	960
250M	2	60	140	18	53	M20x42	250	500	450	550	18,5	5	550	270	745	20	1000	20	1000
	4,6,8	65	140	18	58	M20x42	250	500	450	550	18,5	5	550	270	745	20	1000	20	1000
280S	2	65	140	18	58	M20x42	280	500	450	550	18,5	5	620	310	795	22	1065	22	1065
	4,6,8	75	140	20	67,5	M20x42	280	500	450	550	18,5	5	620	310	795	22	1085	22	1085
280M	2	65	140	18	58	M20x42	280	500	450	550	18,5	5	620	310	795	22	1120	22	1120
	4,6,8	75	140	20	67,5	M20x42	280	500	450	550	18,5	5	700	310	795	22	1140	22	1140
315S	2	65	140	18	58	M20x42	315	600	550	660	24	6	700	310	945	25	1220	25	1220
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	24	6	700	310	945	25	1290	25	1290
315M	2	65	140	18	58	M20x42	315	600	550	660	24	6	630	350	945	25	1370	25	1370
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	24	6	630	350	945	25	1440	25	1440
315L	2	65	140	18	58	M20x42	315	600	550	660	24	6	630	350	945	25	1470	25	1470
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	24	6	630	350	945	25	1540	25	1540
355S	2	75	140	20	67,5	M20x42	355	740	680	800	24	6	710	350	1115	25	1450	25	1450
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	24	6	710	350	1115	25	1490	25	1490
355M	2	75	140	20	67,5	M20x42	355	740	680	800	24	6	710	350	1115	25	1550	25	1550
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	24	6	710	350	1115	25	1590	25	1590
355L	2	75	140	20	67,5	M20x42	355	740	680	800	24	6	710	350	1115	25	1680	25	1680
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	24	6	710	350	1115	25	1720	25	1720

\* BB = 230 &amp; L = 490 for 3DX 100L2-4 IE4

Note: H315-355 B5 is only available for V1 mounting without rain cap.

注: 315-355机座B5只适用于V1安装不带防雨罩。

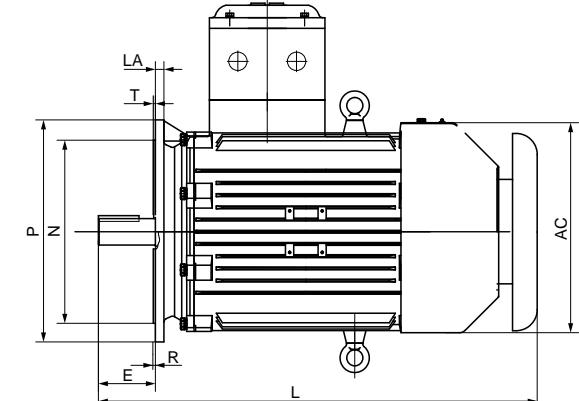
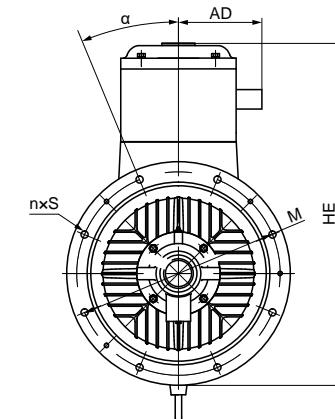
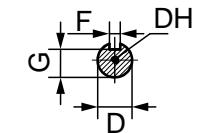


Dimensions V1 / 尺寸 V1

## IE4 | V1

机座号 Frame Size	极数 Poles	D	E	F	G	DH	H	M	N	P	R	$\alpha^\circ$	n×S	T	AC	AD	HE	LA	L
80M	2,4,6,8	19	40	6	15.5	M6x16	80	165	130	200	0	45	4×12	3.5	185	165	330	12	360
90S	2,4,6,8	24	50	8	20	M8x19	90	165	130	200	0	45	4×12	3.5	205	165	345	14	435
90L	2,4,6,8	24	50	8	20	M8x19	90	165	130	200	0	45	4×12	3.5	205	165	345	14	465
100L	2,4,6,8	28	60	8	24	M10x22	100	215	180	250	0	45	4×14.5	4	225	165	380	14	490*
112M	2,4,6,8	28	60	8	24	M10x22	112	215	180	250	0	45	4×14.5	4	245	175	405	14	565
132S	2,4,6,8	38	80	10	33	M12x28	132	265	230	300	0	45	4×14.5	4	297	175	490	14	590
132M	2,4,6,8	38	80	10	33	M12x28	132	265	230	300	0	45	4×14.5	4	297	175	490	14	630
160M	2,4,6,8	42	110	12	37	M16x36	160	300	250	350	0	45	4×18.5	5	330	202	520	15	760
160L	2,4,6,8	42	110	12	37	M16x36	160	300	250	350	0	45	4×18.5	5	330	202	520	15	800
180M	2,4,6,8	48	110	14	42.5	M16x36	180	300	250	350	0	45	4×18.5	5	375	202	535	18	875
180L	2,4,6,8	48	110	14	42.5	M16x36	180	300	250	350	0	45	4×18.5	5	375	202	535	18	895
200L	2,4,6,8	55	110	16	49	M20x42	200	350	300	400	0	45	4×18.5	5	426	230	610	18	920
225S	4,6,8	60	140	18	53	M20x42	225	400	350	450	0	22.5	4×18.5	5	470	230	645	18	1020
225M	2	55	110	16	49	M20x42	225	400	350	450	0	22.5	4×18.5	5	470	230	645	18	1020
	4,6,8	60	140	18	53	M20x42	225	400	350	450	0	22.5	4×18.5	5	540	270	645	18	1050
250M	2	60	140	18	53	M20x42	250	500	450	550	0	22.5	4×18.5	5	550	270	745	20	1105
	4,6,8	65	140	18	58	M20x42	250	500	450	550	0	22.5	4×18.5	5	550	270	745	20	1105
280S	2	65	140	18	58	M20x42	280	500	450	550	0	22.5	4×18.5	5	620	310	795	22	1180
	4,6,8	75	140	20	67.5	M20x42	280	500	450	550	0	22.5	4×18.5	5	620	310	795	22	1200
280M	2	65	140	18	58	M20x42	280	500	450	550	0	22.5	4×18.5	5	620	310	795	22	1235
	4,6,8	75	140	20	67.5	M20x42	280	500	450	550	0	22.5	4×18.5	5	700	310	795	22	1255
315S	2	65	140	18	58	M20x42	315	600	550	660	0	22.5	8×24	6	700	310	945	25	1340
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	0	22.5	8×24	6	700	310	945	25	1410
315M	2	65	140	18	58	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	945	25	1490
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	945	25	1560
315L	2	65	140	18	58	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	945	25	1590
	4,6,8,10	80	170	22	71	M20x42	315	600	550	660	0	22.5	8×24	6	630	350	945	25	1660
355S	2	75	140	20	67.5	M20x42	355	740	680	800	0	22.5	8×24	6	710	350	1115	25	1590
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	0	22.5	8×24	6	710	350	1115	25	1630
355M	2	75	140	20	67.5	M20x42	355	740	680	800	0	22.5	8×24	6	710	350	1115	25	1690
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	0	22.5	8×24	6	710	350	1115	25	1730
355L	2	75	140	20	67.5	M20x42	355	740	680	800	0	22.5	8×24	6	710	350	1115	25	1820
	4,6,8,10	95	170	25	86	M24x47	355	740	680	800	0	22.5	8×24	6	710	350	1115	25	1860

\* BB = 230 &amp; L = 530 for 3DX 100L2-4 IE4

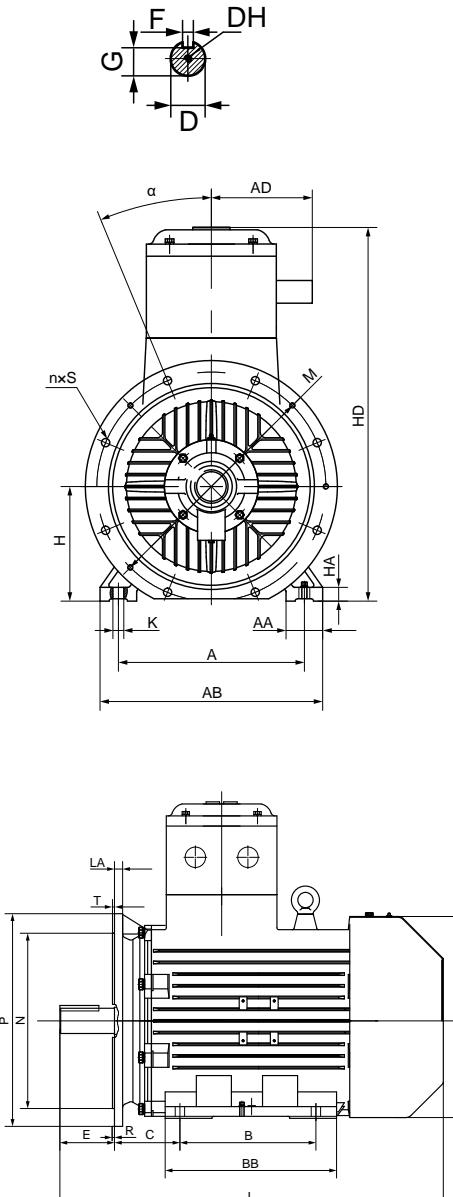


## Dimensions B35 / 尺寸 B35

IE4 | B35

机座号 Frame Size	极数 Poles	A	B	C	D	E	F	G	DH	H	K	M	N	P	R	$\alpha^\circ$	n×S	T	AA	AB	AC	AD	BB	HA	HD	LA	L
80M	2,4,6,8	125	100	50	19	40	6	15.5	M6x16	80	10	165	130	200	0	45	4×12	3.5	34	160	185	165	130	10	310	12	320
90S	2,4,6,8	140	100	56	24	50	8	20	M8x19	90	10	165	130	200	0	45	4×12	3.5	36	180	205	165	180	14	320	14	395
90L	2,4,6,8	140	125	56	24	50	8	20	M8x19	90	10	165	130	200	0	45	4×12	3.5	36	180	205	165	190	14	320	14	425
100L	2,4,6,8	160	140	63	28	60	8	24	M10x22	100	12	215	180	250	0	45	4×14.5	4	43	200	225	165	176*	14	340	14	450*
112M	2,4,6,8	190	140	70	28	60	8	24	M10x22	112	12	215	180	250	0	45	4×14.5	4	50	245	245	175	280	16	365	14	525
132S	2,4,6,8	216	140	89	38	80	10	33	M12x28	132	12	265	230	300	0	45	4×14.5	4	60	280	297	175	245	18	430	14	550
132M	2,4,6,8	216	178	89	38	80	10	33	M12x28	132	12	265	230	300	0	45	4×14.5	4	60	280	297	175	285	18	430	14	590
160M	2,4,6,8	254	210	108	42	110	12	37	M16x36	160	14.5	300	250	350	0	45	4×18.5	5	70	330	330	202	305	20	500	15	710
160L	2,4,6,8	254	254	108	42	110	12	37	M16x36	160	14.5	300	250	350	0	45	4×18.5	5	70	330	330	202	350	20	500	15	750
180M	2,4,6,8	279	241	121	48	110	14	42.5	M16x36	180	14.5	300	250	350	0	45	4×18.5	5	70	355	375	202	370	25	535	18	815
180L	2,4,6,8	279	279	121	48	110	14	42.5	M16x36	180	14.5	300	250	350	0	45	4×18.5	5	70	355	375	202	390	25	535	18	835
200L	2,4,6,8	318	305	133	55	110	16	49	M20x42	200	18.5	350	300	400	0	45	4×18.5	5	70	390	426	230	380	25	610	18	850
225S	4,6,8	356	286	149	60	140	18	53	M20x42	225	18.5	400	350	450	0	22.5	4×18.5	5	75	435	470	230	390	28	645	18	930
225M	2	356	311	149	55	110	16	49	M20x42	225	18.5	400	350	450	0	22.5	4×18.5	5	75	435	470	230	420	28	645	18	930
	4,6,8	356	311	149	60	140	18	53	M20x42	225	18.5	400	350	450	0	22.5	4×18.5	5	80	490	540	270	450	28	645	18	960
250M	2	406	349	168	60	140	18	53	M20x42	250	24	500	450	550	0	22.5	4×18.5	5	85	545	550	270	465	30	720	20	1000
	4,6,8	406	349	168	65	140	18	58	M20x42	250	24	500	450	550	0	22.5	4×18.5	5	85	545	550	270	520	30	720	20	1000
280S	2	457	368	190	65	140	18	58	M20x42	280	24	500	450	550	0	22.5	4×18.5	5	120	635	620	310	630	35	800	22	1065
	4,6,8	457	368	190	75	140	20	67.5	M20x42	280	24	500	450	550	0	22.5	4×18.5	5	120	635	620	310	730	35	800	22	1085
280M	2	457	419	190	65	140	18	58	M20x42	280	24	500	450	550	0	22.5	4×18.5	5	120	635	620	310	880	35	800	22	1120
	4,6,8	457	419	190	75	140	20	67.5	M20x42	280	24	500	450	550	0	22.5	4×18.5	5	150	735	700	310	710	35	800	22	1140
315S	2	508	406	216	65	140	18	58	M20x42	315	28	600	550	660	0	22.5	8×24	6	150	735	700	310	810	45	930	25	1220
	4,6,8,10	508	406	216	80	170	22	71	M20x42	315	28	600	550	660	0	22.5	8×24	6	150	740	710	350	710	52	1000	25	1290
315M	2	508	457	216	65	140	18	58	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	630	45	930	25	1370
	4,6,8,10	508	457	216	80	170	22	71	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	630	45	930	25	1440
315L	2	508	508	216	65	140	18	58	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	730	45	930	25	1470
	4,6,8,10	508	508	216	80	170	22	71	M20x42	315	28	600	550	660	0	22.5	8×24	6	120	640	630	350	730	45	930	25	1540
355S	2	610	500	254	75	140	20	67.5	M20x42	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	710	52	1000	25	1450
	4,6,8,10	610	500	254	95	170	25	86	M24x47	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	710	52	1000	25	1490
355M	2	610	560	254	75	140	20	67.5	M20x42	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	710	52	1000	25	1550
	4,6,8,10	610	560	254	95	170	25	86	M24x47	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	710	52	1000	25	1590
355L	2	610	630	254	75	140	20	67.5	M20x42	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	810	52	1000	25	1680
	4,6,8,10	610	630	254	95	170	25	86	M24x47	355	28	740	680	800	0	22.5	8×24	6	150	740	710	350	810	52	1000	25	1720

\* BB = 230 &amp; L = 490 for 3DX 100L2-4 IE4

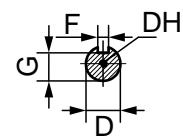
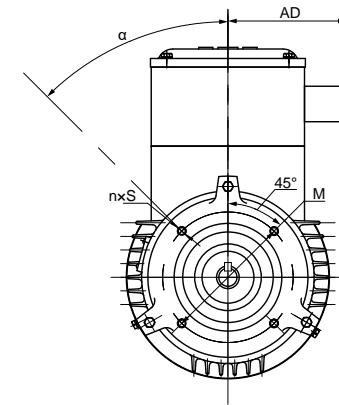
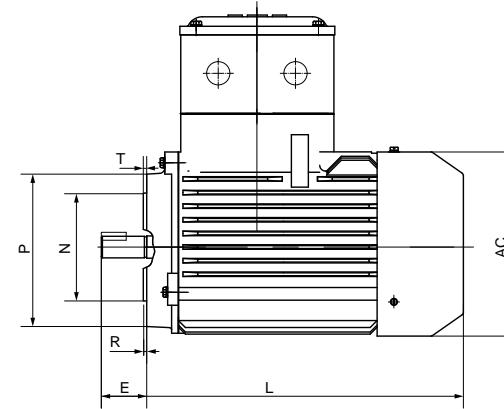


Dimensions B14 / 尺寸 B14

**IE4 | B14**

机座号 Frame Size	极数 Poles	D	E	F	G	DH	H	M	N	P	R	$\alpha^\circ$	n×S	T	AC	AD	L
80	2,4	19	40	6	15.5	M6x16	80	100	80	120	0	45	4×12	3	185	165	320
90S	2,4,6	24	50	8	20	M8x19	90	115	95	140	0	45	4×12	3	205	165	395
90L	2,4,6	24	50	8	20	M8x19	90	115	95	140	0	45	4×12	3	205	165	425
100L	2,4,6	28	60	8	24	M10x22	100	130	110	160	0	45	4×14.5	3.5	225	165	450*
112M	2,4,6	28	60	8	24	M10x22	112	130	110	160	0	45	4×14.5	3.5	245	175	525

\* BB = 230 &amp; L = 490 for 3DX 100L2-4 IE4

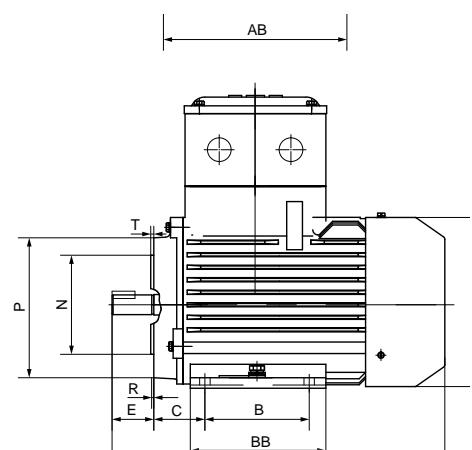
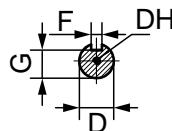
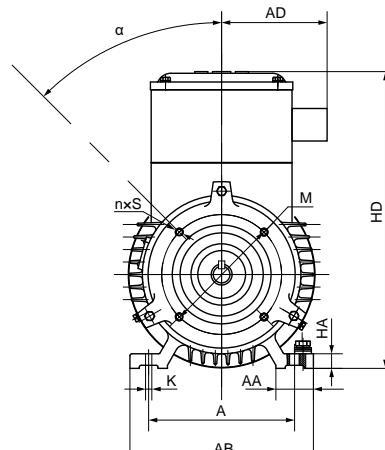


Dimensions B34 / 尺寸 B34

**IE4 | B34**

机座号 Frame Size	极数 Poles	A	B	C	D	E	F	G	DH	H	K	M	N	P	R	$\alpha^\circ$	n×S	T	AA	AB	AC	AD	BB	HA	HD	L
80	2,4,6,8	125	100	50	19	40	6	15.5	M6x16	80	10	100	80	120	0	45	4×12	3	34	160	185	165	130	10	310	320
90S	2,4,6,8	140	100	56	24	50	8	20	M8x19	90	10	115	95	140	0	45	4×12	3	36	180	205	165	180	14	320	395
90L	2,4,6,8	140	125	56	24	50	8	20	M8x19	90	10	115	95	140	0	45	4×12	3	36	180	205	165	190	14	320	425
100L	2,4,6,8	160	140	63	28	60	8	24	M10x22	100	12	130	110	160	0	45	4×14.5	3.5	43	200	225	165	176*	14	340	450*
112M	2,4,6,8	190	140	70	28	60	8	24	M10x22	112	12	130	110	160	0	45	4×14.5	3.5	50	245	245	175	280	16	365	525

\* BB = 230 &amp; L = 490 for 3DX 100L2-4 IE4



## OUR ENERGY – YOUR SUCCESS



Contact information for BEVI and our distributors is continuously updated on our website [www.bevi.com](http://www.bevi.com).

BEVI及其经销商的联系方式在 [www.bevi.com](http://www.bevi.com) 上持续更新。

### Sweden

**BEVI AB** (Headquarters)  
Blomstermåla  
Tel. +46 499 271 00  
[info@bevi.se](mailto:info@bevi.se)  
[www.bevi.se](http://www.bevi.se)

**BEVI AB** (Regional office)  
Umeå  
Tel. +46 90 70 44 30  
[bevinord@bevi.se](mailto:bevinord@bevi.se)  
[www.bevi.se](http://www.bevi.se)

### Denmark

**BEVI A/S**  
Albertslund  
Tel. +45 39 67 36 05  
[bevi@bevi.dk](mailto:bevi@bevi.dk)  
[www.bevi.dk](http://www.bevi.dk)

### Norway

**BEVI Norge AS**  
Oslo  
Tel. +47 23 19 16 50  
[info@bevi.no](mailto:info@bevi.no)  
[www.bevi.no](http://www.bevi.no)

### Finland

**BEVI Finland OY AB**  
Espoo  
Tel. +358 9 2709 1210  
[info@bevi.fi](mailto:info@bevi.fi)  
[www.bevi.fi](http://www.bevi.fi)

### China

**BEVI Electric Shanghai Co., Ltd.**  
Shanghai  
Tel. +86 21 5032 5200  
[sales@bevi.cn](mailto:sales@bevi.cn)  
[www.bevi.cn](http://www.bevi.cn)

### India

**BEVI Electric Private Limited.**  
Chennai  
Tel. +91 9444 168976  
[alexander.daniel@bevi.com](mailto:alexander.daniel@bevi.com)  
[www.bevi.com](http://www.bevi.com)