

**正品质 · 立天下**

Passion for quality.  
Turning the world.

**台州正立电机有限公司**  
ZHENGLI ELECTRIC MOTOR CO.,LTD.

📍 浙江省温岭市大溪镇下员山工业区  
Daxi Town, wenling City, zhejiang China  
☎ 400-108-0576  
📞 +86-576-86322120  
🌐 [www.hp-motor.com](http://www.hp-motor.com)



# ZHENGLI ELECTRIC MOTOR

TUV Rheinland CE CCC RoHS ISO 9001

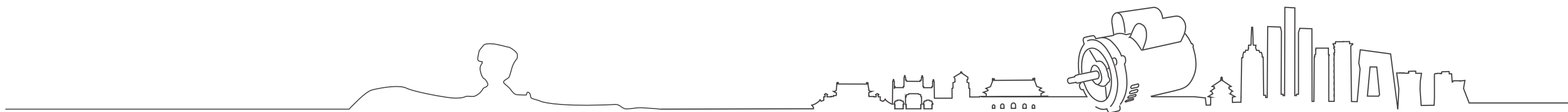


2020

[www.hp-motor.com](http://www.hp-motor.com)

台州正立电机有限公司





Passion for quality. Turning the world.

正品质·立天下



## 企业愿景

立志成为全球领先的定制化电机制造商

### Vision:

Determined to become the global leading manufacturer of customized motors

## 企业使命

持续为客户提供卓越的电机产品

### Mission:

Continue to provide customers with excellent motor products

## 企业理念

以质创路、以优取信、  
成人达己、共赢共享。

### Principle:

Create the way with high quality , benefit each other for the future



正品质·立天下

Passion for quality. Turning the world.





# COMPANY PROFILE

## 公司简介

- 公司成立于：2003年  
Founded in: Year 2003
- 位于：中国. 温岭（中国水泵之乡）  
Located: Wenling, China (A land of Chinese water pump)
- 员工人数  
Employee: 276 person (2018)
- 技术质量人员: 39人  
Technical & Quality Employee: 39 person

Thanks for choosing ZHENGLI Motor as your consideration of motor equipment.

We sincerely hope Zhengli Motor will be your good partner and benefit each other in the near future.

ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

**PASSION FOR QUALITY.**  
TURNING THE WORLD.





**PASSION FOR QUALITY.**  
**TURNING THE WORLD.**  
**正品质·立天下**

# Company Equipment

先进生产设备



公司技术装备力量雄厚，引进多台国内先进生产设备，自动化程度高，效率显著，数控生产设备领先全国行业内标准。公司4万多平方的生产方场地，每10秒就有1台电机下线。各种先进的检测设备成就了正立产品优质高效的出产能力

The company has strong technical equipment and has introduced many domestic advanced production equipments with high degree of automation and remarkable efficiency. The numerical control production equipment is leading the national industry standard. The company has more than 40,000 square meters of production space, and one motor goes offline every 10 seconds. Various advanced inspection and inspection equipments have achieved the high quality and efficient production capacity of Orthodox products.

ZHENGLI ELECTRIC  
MOTOR CO.,LTD.



严格把控 保证每一台产品出厂合格率100%  
Strict control to ensure 100% of each product is qualified

# QUALITY ASSURANCE

品质保证



CMM COORDINATE MEASURING MACHINING



SVM VISION MEASURING MACHINES



CENTRIFUGAL SWITCH TESTER



CAPACITANCE TESTER

质量管控体系、精良检测仪器、认真细致的工作态度是品质保证的基础。

Quality control system, sophisticated testing equipment, and careful and meticulous work attitude are the basis of quality assurance.

ZHENGLI ELECTRIC  
MOTOR CO.,LTD.



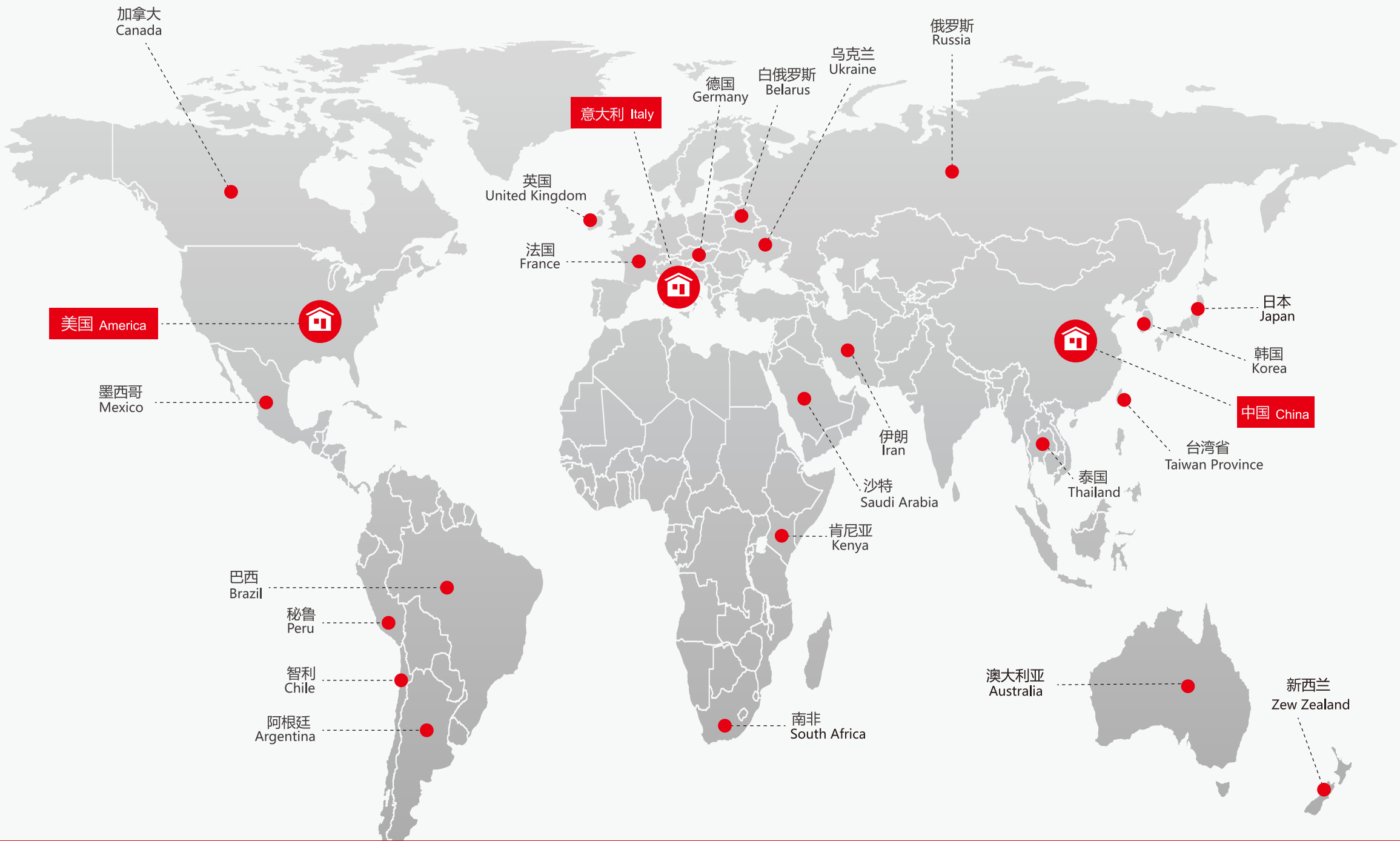
# SALES NETWORK

## 销售网络

为了快速交货和更好的服务，  
我们在意大利和美国都设有自己的仓库

For quick delivery and better service  
We have our own warehouses in Italy and the United States.

- 代表客户所在国家
- 🏠 代表正立仓库所在国家



## GOOD SERVICE

### 优质服务

产品定位精准，应答及时，快速交付，资深技术支持，保证了优良的服务

Precise product positioning, timely response, fast delivery, and advanced technical support to ensure excellent service



# HONORARY CERTIFICATE

荣誉资质



## 企业已通过

- ISO9001-2015
- 德国Germany : TUV、CE
- 加拿大Canada: CSA c/us
- 美国USA: UL
- 澳大利亚: Australia MEPS
- 中国China: CCC
- 产品环保认证: ROHS、REACH、PAHS
- 多次被评为“市重点工业企业”、台州市企业技术中心等。

国家认可实验室CNAS，正在审批中....

CNAS testing LAB is pending....

TUV Certificate



ISO 9001 Certificate



CCC Certificate



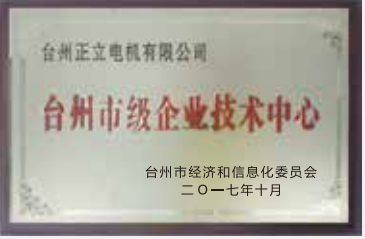
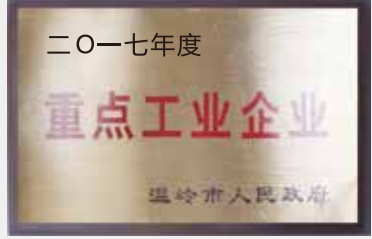
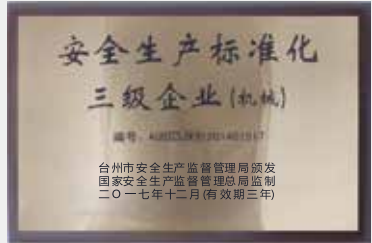
CSA Certificate



CE Certificate



Energy saving Certificate



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.



# 01-18

## NEMA电机系列

Nema Motor  
Series



|                     |    |
|---------------------|----|
| 空压机单相ODP电机 .....    | 01 |
| 通用型单相ODP电机 .....    | 03 |
| ODP单相高效电机 .....     | 05 |
| 单相NEMA水泵电机 .....    | 07 |
| ODP弹性机座电机 .....     | 09 |
| TEFC单相电机 .....      | 11 |
| TEFC三相电机-通用型 .....  | 13 |
| 全封闭单相PSC电机 .....    | 15 |
| TEFC高转矩农用单相电机 ..... | 17 |

# 19-22

## 多级离心泵电机系列

Multistage  
Centrifugal  
Pump Motor Series



|                 |    |
|-----------------|----|
| 水泵电机 .....      | 19 |
| 不锈钢水泵专用电机 ..... | 21 |

# 23-37

## IEC标准电机系列

Iec Standard  
Motor Series



|                      |    |
|----------------------|----|
| 空压机专用电机 .....        | 23 |
| ML系列单相双值电容电机 .....   | 27 |
| MY系列单相电容运转型电动机 ..... | 29 |
| 高效三相电机 .....         | 31 |

# 38-40

## 定制化电机系列

Customized  
Motor Series



|               |    |
|---------------|----|
| 多速变极电机 .....  | 38 |
| 清洗机专用电机 ..... | 39 |



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

## 空压机单相ODP电机

## NEMA Motors-Air compressor single phase ODP



### 应用领域

适用于水泵、压缩机、风机、输送机等  
其他工业设备上

### Applications

Suitable for pumps, compressors, fans, conveyors, etc.  
On other industrial equipment

### 特点

- 1、采用降低启动电流设计，可以确保在额定负载下降低电压
- 2、电机带UL认证的保护器，高质量的电容和优质的轴承，可延长寿命
- 3、开启式防护最好在相对干净和干燥的环境使用。
- 4、空压机专用电机，反转设计
- 5、服务系数 1.0/1.15

### Features

- 1.Reduced satrting amperage design to ensure the reduced voltage starting at rated liad.
- 2.Equipped with UL approved Manual thermal overload, capacilors&high quality call bearings to ensure the lifetime.
- 3.Open dripproof is better used in enviromnet that are relatively cleanand dry environments.
- 4.Special drsign for air compressor duty.CCW only.
- 5.Service factor 1.0、 1.15



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

### 技术参数 Technical Parameters

| 编码<br>Cat .no | 马力<br>Hp | 转速<br>RPM | 电压<br>Voltage | 机座号<br>FR | 轴承<br>Brgs | 保护器<br>Prot | 底角<br>Base | 230V电压下满载电流<br>Full Load Amps @230V |
|---------------|----------|-----------|---------------|-----------|------------|-------------|------------|-------------------------------------|
| ZL-A01        | 1/2      | 3450      | 115/208-230   | 56        | BAL        | MAN         | WB         | 4.2                                 |
| ZL-A02        | 1/2      | 1725      | 115/208-230   | 56        | BAL        | MAN         | WB         | 4.3                                 |
| ZL-A03        | 3/4      | 3450      | 115/208-230   | 56        | BAL        | MAN         | WB         | 4.9                                 |
| ZL-A04        | 3/4      | 1725      | 115/208-230   | 56        | BAL        | MAN         | WB         | 5.5                                 |
| ZL-A05        | 1        | 3450      | 115/208-230   | 56        | BAL        | MAN         | WB         | 5.5                                 |
| ZL-A06        | 1        | 1725      | 115/208-230   | 56        | BAL        | MAN         | WB         | 6.7                                 |
| ZL-A07        | 1-1/2    | 3450      | 115/208-230   | 56        | BAL        | MAN         | WB         | 7.5                                 |
| ZL-A08        | 1-1/2    | 1725      | 115/208-230   | 56        | BAL        | MAN         | WB         | 9.0                                 |
| ZL-A09        | 2        | 3450      | 115/208-230   | 56        | BAL        | MAN         | WB         | 9.6                                 |
| ZL-A10        | 2        | 1725      | 115/208-230   | 56        | BAL        | MAN         | WB         | 9.8                                 |
| ZL-A11        | 3        | 3450      | 208-230       | 56        | BAL        | MAN         | WB         | 13.6                                |
| ZL-A12        | 3        | 1725      | 208-230       | 56        | BAL        | MAN         | WB         | 14                                  |
| ZL-A13        | SPL5     | 3450      | 208-230       | 56        | BAL        | MAN         | WB         | 15                                  |
| ZL-A14        | SPL1.8   | 3450      | 120/240       | 56        | BAL        | MAN         | WB         | 14.8/7.4                            |
| ZL-A15        | SPL2     | 3450      | 120/240       | 56        | BAL        | MAN         | WB         | 15/7.5                              |
| ZL-A16        | 3        | 3450      | 230           | 56        | BAL        | MAN         | WB         | 15                                  |
| ZL-A17        | 3.5      | 3450      | 230           | 56        | BAL        | MAN         | WB         | 16.2                                |
| ZL-A18        | 3.7      | 3450      | 230           | 56        | BAL        | MAN         | WB         | 17.2                                |
| ZL-A19        | 4        | 3450      | 230           | 56        | BAL        | MAN         | WB         | 17.5                                |
| ZL-A20        | 5        | 3450      | 208-230       | 56        | BAL        | MAN         | WB         | 22                                  |
| ZL-A21        | 5        | 3450      | 208-230       | 184       | BAL        | MAN         | WB         | 19.8                                |
| ZL-A22        | 5        | 1725      | 208-230       | 215       | BAL        | MAN         | WB         | 23                                  |
| ZL-A23        | 7 1/2    | 3450      | 208-230       | 215       | BAL        | MAN         | WB         | 32                                  |
| ZL-A24        | 7 1/2    | 1725      | 208-230       | 215       | BAL        | MAN         | WB         | 33.8                                |
| ZL-A25        | 10       | 3450      | 208-230       | 215       | BAL        | MAN         | WB         | 41.5                                |
| ZL-A26        | 10       | 1725      | 208-230       | 215       | BAL        | MAN         | WB         | 40.0                                |





ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

# 通用型单相ODP电机 电容启动/电容运行

## Single Phase ODP Motors General Purpose -capcitor Start And Run



### 特点

- 1、用启动电容来提高转矩
- 2、耐用钢材，双轴承
- 3、可以放置保护器
- 4、开启式防护最好在相对干净和干燥的环境使用
- 5、NEMA 服务系数
- 6、适用于需要高启动转矩的泵、输送机，鼓风机等机械设备上
- 7、如有需要，可做C法兰

### Features

permanent Efficent---General purpose motor

- 1.capacitor start design for high starting torque
- 2.durable rolled steel,double shielded ball bearings
- 3.thermal protector is available as demand
- 4.open dripproof is available as demand
- 5.NEMA service factor
- 6.general purpose use on pumps, conveyors,blowers,and other machinery requiring high staring torque
- 7.C flange is interchangeable as demands



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

### 技术参数 Technical Parameters

| 编码<br>Cat .no | 马力<br>Hp | 转速<br>RPM | 机座号<br>FR | 电压<br>Voltage | 频率<br>HZ | 服务系数<br>S.F | 230V电压下满载电流<br>Full Load Amps @230V |
|---------------|----------|-----------|-----------|---------------|----------|-------------|-------------------------------------|
| ZL-B1         | 1/3      | 3600      | 56        | 115/208-230   | 60       | 1.35        | 2.3                                 |
| ZL-B2         | 1/3      | 1800      | 56        | 115/208-230   | 60       | 1.35        | 2.2                                 |
| ZL-B3         | 1/2      | 3600      | 56        | 115/208-230   | 60       | 1.25        | 3.1                                 |
| ZL-B4         | 1/2      | 1800      | 56        | 115/208-230   | 60       | 1.35        | 2.9                                 |
| ZL-B5         | 3/4      | 3600      | 56        | 115/208-230   | 60       | 1.25        | 4.1                                 |
| ZL-B6         | 3/4      | 1800      | 56        | 115/208-230   | 60       | 1.25        | 4.2                                 |
| ZL-B7         | 1        | 3600      | 56        | 115/208-230   | 60       | 1.25        | 5.6                                 |
| ZL-B8         | 1        | 1800      | 56        | 115/208-230   | 60       | 1.15        | 5.8                                 |
| ZL-B9         | 1.5      | 3600      | 56        | 115/208-230   | 60       | 1.15        | 7.1                                 |
| ZL-B10        | 1.5      | 1800      | 56        | 115/208-230   | 60       | 1.15        | 7.6                                 |
| ZL-B11        | 1.5      | 1800      | 145T      | 115/208-230   | 60       | 1.15        | 7.6                                 |
| ZL-B12        | 2        | 3600      | 145T      | 115/208-230   | 60       | 1.15        | 9.1                                 |
| ZL-B13        | 2        | 3600      | 56        | 115/208-230   | 60       | 1.15        | 9.1                                 |
| ZL-B14        | 2        | 1800      | 56        | 115/208-230   | 60       | 1.15        | 9.3                                 |
| ZL-B15        | 2        | 1800      | 145T      | 115/208-230   | 60       | 1.15        | 9.3                                 |
| ZL-B16        | 3        | 3600      | 145T      | 115/208-230   | 60       | 1.15        | 13.0                                |
| ZL-B17        | 3        | 3600      | 56        | 115/208-230   | 60       | 1.15        | 13.0                                |
| ZL-B18        | 3        | 3600      | 145T      | 115/208-230   | 60       | 1.15        | 13.0                                |
| ZL-B19        | 3        | 1800      | 182T      | 208-230       | 60       | 1.15        | 13.5                                |
| ZL-B20        | 5        | 3600      | 184T      | 208-230       | 60       | 1.15        | 20                                  |
| ZL-B21        | 5        | 1800      | 184T      | 208-230       | 60       | 1.15        | 21                                  |
| ZL-B22        | 7.5      | 1800      | 213T      | 208-230       | 60       | 1.15        | 32                                  |
| ZL-B23        | 10       | 1800      | 215T      | 208-230       | 60       | 1.15        | 40                                  |



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

# ODP单相高效电机

## Single phase ODP preminum efficient



### 特点

- 1、用启动电容来提高转矩
- 2、耐用钢材，双轴承
- 3、可以放置保护器
- 4、开启式防护最好在相对干净和干燥的环境使用
- 5、NEMA 服务系数，适用于需要高启动转矩的泵、输送机，鼓风机等机械设备上
- 6、如有需要，可做C法兰
- 7、节能设计

### Features

- permanent Efficent---General purpose motor**
- 1.capacitor start design for high starting torque
  - 2.durable rolled steel,double shielded ball bearings
  - 3.thermal protector is available as demand
  - 4.open dripproof is abailable as demand
  - 5.NEMA service factor general purpose use on pumps, conveyors,blowers,and other machinery requiring high staring torque
  - 6.C flange is interchangeable as demands
  - 7.energy saving designs



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

### 技术参数 Technical Parameters

| 编码<br>CAT .NO | 马力<br>HP | 转速<br>RPM | 机座号<br>FR | 电压<br>VOLTAGE | 服务系数<br>S.F | 230V 电压下满载电流<br>FULL LOAD AMPS @230V | 效率<br>EFF% |
|---------------|----------|-----------|-----------|---------------|-------------|--------------------------------------|------------|
| ZL-C1         | 1/3      | 3600      | 56        | 115/208-230   | 1.35        | 2.3                                  | 69.5%      |
| ZL-C2         | 1/3      | 1800      | 56        | 115/208-230   | 1.35        | 2.2                                  | 73.4%      |
| ZL-C3         | 1/2      | 3600      | 56        | 115/208-230   | 1.25        | 3.1                                  | 73.4%      |
| ZL-C4         | 1/2      | 1800      | 56        | 115/208-230   | 1.35        | 2.9                                  | 78.2%      |
| ZL-C5         | 3/4      | 3600      | 56        | 115/208-230   | 1.25        | 4.1                                  | 76.8%      |
| ZL-C6         | 3/4      | 1800      | 56        | 115/208-230   | 1.25        | 4.2                                  | 81.1%      |
| ZL-C7         | 1        | 3600      | 56        | 115/208-230   | 1.25        | 5.6                                  | 77.0%      |
| ZL-C8         | 1        | 1800      | 56        | 115/208-230   | 1.15        | 5.8                                  | 83.5%      |
| ZL-C9         | 1.5      | 3600      | 56        | 115/208-230   | 1.15        | 7.1                                  | 84.0%      |
| ZL-C10        | 1.5      | 1800      | 56        | 115/208-230   | 1.15        | 7.6                                  | 86.5%      |
| ZL-C11        | 1.5      | 1800      | 145T      | 115/208-230   | 1.15        | 7.6                                  | 86.5%      |
| ZL-C12        | 2        | 3600      | 145T      | 115/208-230   | 1.15        | 9.1                                  | 85.5%      |
| ZL-C13        | 2        | 3600      | 56        | 115/208-230   | 1.15        | 9.1                                  | 85.5%      |
| ZL-C14        | 2        | 1800      | 56        | 115/208-230   | 1.15        | 9.3                                  | 86.5%      |
| ZL-C15        | 2        | 1800      | 145T      | 115/208-230   | 1.15        | 9.3                                  | 86.5%      |
| ZL-C16        | 3        | 3600      | 145T      | 115/208-230   | 1.15        | 13.0                                 | 85.5%      |
| ZL-C17        | 3        | 3600      | 56        | 115/208-230   | 1.15        | 13.0                                 | 85.5%      |
| ZL-C18        | 3        | 1800      | 182       | 208-230       | 1.15        | 13.5                                 | 86.9%      |





ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

单相水泵电机

Pump Motors  
Single Phase

应用领域

适用于商业用及工业用离心泵、液压泵，机械工具  
或其它需要NEMA C法兰安装的设备上

Applications

General purpose use on commercial&industrial pumps Centifugal  
and hydraulic pumps.Machine tools,and other equipments requiring  
NEMA C-face mounting configuration

特征

Features

- 1、钢板壳、带双轴承
- 2、防滴式，内置风扇冷却
- 3、NEMA服务系数
- 4、可反转
- 5、用启动电容提高转矩
- 6、NEMA C 法兰安装
- 7、螺纹轴，316不锈钢材质
- 8、键轴碳钢材质
- 9、易安装
- 10、轴承锁紧，防止轴向移动
- 11、自动过载保护

- 1. Steel frame ,double sealed Ball bearing construction;
- 2. Dripproof , internal fan cooled;
- 3. NEMA Service Factor;
- 4. Reversible rotation;
- 5. Capacitor start design for high starting torque;
- 6. NEMA C -face mounting , or with rigid base
- 7. Thread shafts ,made of 316 grade stainless steel;
- 8. Keyed shafts made of carbon steel;
- 9. Quick connect terminals to reduce installation time
- 10. Mechanically locked ball bearings on shaft - end, limits axial  
shaft movement;
- 11. Auto matic overload protetion.



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

技术参数 Technical Parameters

| 编码<br>Cat .no | 马力<br>HP | 转速<br>RPM | 电压<br>Volts | 机座号<br>FR | 服务系数<br>SF | 轴承<br>Brgs | 230V 电压下满载电流<br>Full Load Amps @230V |
|---------------|----------|-----------|-------------|-----------|------------|------------|--------------------------------------|
| ZL-J1         | 1/3      | 3600      | 115/208-230 | 56C/56J   | 1.00       | BALL       | 3.2                                  |
| ZL-J2         | 1/3      | 3600      | 115/208-230 | 56C/56J   | 1.15       | BALL       | 3.2                                  |
| ZL-J3         | 1/3      | 3600      | 115/208-230 | 56C/56J   | 1.75       | BALL       | 3.2                                  |
| ZL-J4         | 1/2      | 3600      | 115/208-230 | 56C/56J   | 1.00       | BALL       | 3.5                                  |
| ZL-J5         | 1/2      | 3600      | 115/208-230 | 56C/56J   | 1.15       | BALL       | 3.5                                  |
| ZL-J6         | 1/2      | 3600      | 115/208-230 | 56C/56J   | 1.60       | BALL       | 3.5                                  |
| ZL-J7         | 3/4      | 3600      | 115/208-230 | 56C/56J   | 1.00       | BALL       | 5.1                                  |
| ZL-J8         | 3/4      | 3600      | 115/208-230 | 56C/56J   | 1.15       | BALL       | 5.1                                  |
| ZL-J9         | 3/4      | 3600      | 115/208-230 | 56C/56J   | 1.50       | BALL       | 5.1                                  |
| ZL-J10        | 1        | 3600      | 115/208-230 | 56C/56J   | 1.00       | BALL       | 5.7                                  |
| ZL-J11        | 1        | 3600      | 115/208-230 | 56C/56J   | 1.15       | BALL       | 5.7                                  |
| ZL-J12        | 1        | 3600      | 115/208-230 | 56C/56J   | 1.40       | BALL       | 5.7                                  |
| ZL-J13        | 1-1/2    | 3600      | 115/208-230 | 56C/56J   | 1.00       | BALL       | 6.7                                  |
| ZL-J14        | 1-1/2    | 3600      | 115/208-230 | 56C/56J   | 1.15       | BALL       | 6.7                                  |
| ZL-J15        | 1-1/2    | 3600      | 115/208-230 | 56C/56J   | 1.30       | BALL       | 6.7                                  |
| ZL-J16        | 2        | 3600      | 115/208-230 | 56C/56J   | 1.00       | BALL       | 9.3                                  |
| ZL-J17        | 2        | 3600      | 115/208-230 | 56C/56J   | 1.15       | BALL       | 9.3                                  |
| ZL-J18        | 2        | 3600      | 115/208-230 | 56C/56J   | 1.25       | BALL       | 9.3                                  |
| ZL-J19        | 3        | 3600      | 115/208-230 | 56C/56J   | 1.00       | BALL       | 12.8                                 |
| ZL-J20        | 3        | 3600      | 115/208-230 | 56C/56J   | 1.15       | BALL       | 12.8                                 |

# ODP弹性机座电机

## ODP resilient base



### 应用领域

适用于：小型机床、医疗器械、家用电器、食品机械等机械的动力装置。

### Applications

Suitable for: small machine tools, medical equipment, household appliances, food prices, etc.powerplant.

### 特征

- 1、适用于高负载工作
- 2、可供轴键和保护器
- 3、可供不锈钢轴
- 4、S1连续工作制
- 5、F级绝缘
- 6、高性能、高效率

### Features

- 1. Suitable for high load work
- 2. Available for shaft keys and protectors
- 3. Available for stainless steel shaft
- 4. S1 continuous working system
- 5. Class F insulation
- 6. High performance, high efficiency



## 技术参数 Technical Parameters

| 编码<br>CAT .NO | 马力<br>HP | 转速<br>RPM | 机座号<br>NEMA FRAME | 电压<br>VOLTAGE | 频率<br>HZ | 服务系数<br>S.F | 230V 电压下满载电流<br>Full Load Amps @230V |
|---------------|----------|-----------|-------------------|---------------|----------|-------------|--------------------------------------|
| ZL-I1         | 1/3      | 3600      | 56                | 115/208-230   | 60       | 1.15        | 2.35                                 |
| ZL-I2         | 1/3      | 1800      | 56                | 115/208-230   | 60       | 1.15        | 2.2                                  |
| ZL-I3         | 1/2      | 3600      | 56                | 115/208-230   | 60       | 1.15        | 3.0                                  |
| ZL-I4         | 1/2      | 1800      | 56                | 115/208-230   | 60       | 1.15        | 2.9                                  |
| ZL-I5         | 3/4      | 3600      | 56                | 115/208-230   | 60       | 1.15        | 4.15                                 |
| ZL-I6         | 3/4      | 1800      | 56                | 115/208-230   | 60       | 1.15        | 4.1                                  |
| ZL-I7         | 1        | 3600      | 56                | 115/208-230   | 60       | 1.15        | 6.1                                  |
| ZL-I8         | 1        | 1800      | 56                | 115/208-230   | 60       | 1.15        | 5.85                                 |
| ZL-I9         | 1        | 1800      | 143T              | 115/208-230   | 60       | 1.15        | 5.85                                 |
| ZL-I10        | 1.5      | 3600      | 56                | 115/208-230   | 60       | 1.15        | 7.5                                  |
| ZL-I11        | 1.5      | 3600      | 145T              | 115/208-230   | 60       | 1.15        | 7.8                                  |
| ZL-I12        | 1.5      | 1800      | 56                | 115/208-230   | 60       | 1.15        | 7.9                                  |
| ZL-I13        | 1.5      | 1800      | 145T              | 115/208-230   | 60       | 1.15        | 7.9                                  |
| ZL-I14        | 2        | 3600      | 56                | 115/208-230   | 60       | 1.15        | 9.6                                  |
| ZL-I15        | 2        | 3600      | 145T              | 115/208-230   | 60       | 1.15        | 9.6                                  |
| ZL-I16        | 2        | 1800      | 56                | 115/208-230   | 60       | 1.15        | 9.7                                  |
| ZL-I17        | 2        | 1800      | 145T              | 115/208-230   | 60       | 1.15        | 9.7                                  |
| ZL-I18        | 3        | 3600      | 56                | 115/208-230   | 60       | 1.15        | 13                                   |
| ZL-I19        | 3        | 3600      | 145T              | 115/208-230   | 60       | 1.15        | 13                                   |





ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

# TEFC单相电机 一般用途电容启动/双值电容

general purpose single phase TEFC  
motors capacitor start and run



## 应用领域

适用于有水、灰尘和污物的地方，非常适合于水泵、压缩机、  
风机、输送机等其他工业设备上

## Applications

For use where exposure to water , dust and dirt exists , Ideally suited  
for use on pumps, Compressors, Fans ,conveyors and other  
industrious equipments.

## 特征

- 1、 钢板壳、带轴承
- 2、 全封闭风扇冷却结构
- 3、 可反转
- 4、 用启动电容提高转矩
- 5、 可放置保护器
- 6、 如有需要，可做C法兰

## Features

- 1.Steel frame, Ball bearing construction
- 2.Totally enclosed fan cooled
- 3.Reversible rotaion
- 4.Capacitor start design for high starting torque
- 5.Thermal protector is available as demands
- 6.C flange is interdhange able as demands



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

## 技术参数 Technical Parameters

| 编码<br>CAT .NO | 马力<br>HP | 转速<br>RPM | 机座号<br>FR | 电压<br>VOLTAGE | 保护器<br>PROT | 230V电压满载电流<br>FULL LOAD AMPS @230V | 服务系数<br>S.F |
|---------------|----------|-----------|-----------|---------------|-------------|------------------------------------|-------------|
| ZL-D1         | 1/3      | 1725      | 56/56C    | 115/208-230   | None        | 3.3                                | 1.15        |
| ZL-D2         | 1/3      | 3450      | 56/56C    | 115/208-230   | None        | 3.1                                | 1.15        |
| ZL-D3         | 1/2      | 1725      | 56/56C    | 115/208-230   | None        | 4.4                                | 1.15        |
| ZL-D4         | 1/2      | 3450      | 56/56C    | 115/208-230   | None        | 4.0                                | 1.15        |
| ZL-D5         | 3/4      | 1725      | 56/56C    | 115/208-230   | None        | 5.5                                | 1.15        |
| ZL-D6         | 3/4      | 3450      | 56/56C    | 115/208-230   | None        | 5.3                                | 1.15        |
| ZL-D7         | 1        | 1725      | 56/56C    | 115/208-230   | None        | 6.0                                | 1.15        |
| ZL-D8         | 1        | 3450      | 56/56C    | 115/208-230   | None        | 5.6                                | 1.15        |
| ZL-D9         | 1-1/2    | 1725      | 56/56C    | 115/208-230   | None        | 7.6                                | 1.15        |
| ZL-D10        | 1-1/2    | 3450      | 56/56C    | 115/208-230   | None        | 7.1                                | 1.15        |
| ZL-D11        | 1 1/2    | 3450      | 56        | 115/208-230   | None        | 7.1                                | 1.00        |
| ZL-D12        | 1 1/2    | 3450      | 143T      | 115/208-230   | None        | 7.1                                | 1.00        |
| ZL-D13        | 1 1/2    | 1725      | 56        | 115/208-230   | None        | 7.6                                | 1.15        |
| ZL-D14        | 1 1/2    | 1725      | 145T      | 115/208-230   | None        | 7.6                                | 1.00        |
| ZL-D15        | 2        | 3450      | 56        | 115/208-230   | None        | 9.0                                | 1.15        |
| ZL-D16        | 2        | 3450      | 145T      | 115/208-230   | None        | 9.0                                | 1.15        |
| ZL-D17        | 2        | 1725      | 56        | 115/208-230   | None        | 9.2                                | 1.15        |
| ZL-D18        | 2        | 1725      | 145T      | 208-230       | None        | 9.2                                | 1.15        |
| ZL-D19        | 3        | 3450      | 56H       | 115/208-230   | None        | 13.0                               | 1.15        |
| ZL-D20        | 3        | 3450      | 145T      | 208-230       | None        | 13.0                               | 1.15        |
| ZL-D21        | 3        | 1725      | 184T      | 208-230       | None        | 13.5                               | 1.15        |
| ZL-D22        | 5        | 3450      | 184T      | 208-230       | None        | 20.0                               | 1.15        |
| ZL-D23        | 5        | 1725      | 184T      | 208-230       | None        | 21                                 | 1.15        |
| ZL-D24        | 7 1/2    | 3450      | 213T      | 208-230       | None        | 32                                 | 1.00        |
| ZL-D25        | 7 1/2    | 1725      | 215T      | 208-230       | None        | 32                                 | 1.15        |
| ZL-D26        | 10       | 3800      | 215T      | 208-230       | None        | 41.5                               | 1.15        |



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

# TEFC三相电机-通用型

## General Purpose Three Phase TEFC Motors

### EPACT And Premium Efficient

#### 应用领域

适用于有水、灰尘和污物的地方，非常适合于水泵、压缩机、风机、输送机等其他工业设备上

#### Applications

For use where exposure to water , dust and dirt exists , Ideally suited for use on pumps. Compressors. Fans .conveyors and other industrious equipments.

#### 特征

- 1、 钢板壳、带轴承
- 2、 全封闭风扇冷却结构
- 3、 可反转
- 4、 用启动电容提高转矩
- 5、 可放置保护器
- 6、 如有需要，可做C法兰

#### Features

- 1.Steel frame, Ball bearing construction
- 2.Totally enclosed fan cooled
- 3.Reversible rotaion
- 4.Capacitor start design for high starting torque
- 5.Thermal protector is available as demands
- 6.C flange is interdhange able as demands



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

#### 技术参数 Technical Parameters

| CAT .NO | HP    | RPM  | FR   | VOLTAGE     | FULL LOAD AMPS @230V |
|---------|-------|------|------|-------------|----------------------|
| ZL-E1   | 1/3   | 1800 | 48   | 208-230/460 | 1.15                 |
| ZL-E2   | 1/4   | 1725 | 48   | 208-230/460 | 1.4                  |
| ZL-E3   | 1/4   | 3600 | 48   | 208-230/460 | 1.3                  |
| ZL-E4   | 1/3   | 3800 | 48   | 208-230/460 | 1.4                  |
| ZL-E5   | 1/3   | 3800 | 48   | 208-230/460 | 1.6                  |
| ZL-E6   | 1/3   | 1725 | 56   | 208-230/460 | 1.6                  |
| ZL-E7   | 1/2   | 3450 | 48   | 208-230/460 | 1.8                  |
| ZL-E8   | 1/2   | 3450 | 56   | 208-230/460 | 2.2                  |
| ZL-E9   | 1/2   | 1725 | 48   | 208-230/460 | 2.0                  |
| ZL-E10  | 1/2   | 1725 | 56   | 208-230/460 | 2.0                  |
| ZL-E11  | 1/2   | 1725 | 56   | 208-230/460 | 2.2                  |
| ZL-E12  | 3/4   | 3450 | 48   | 208-230/460 | 2.4                  |
| ZL-E13  | 3/4   | 3450 | 56   | 208-230/460 | 3.2                  |
| ZL-E14  | 3/4   | 1725 | 56   | 208-230/460 | 2.4                  |
| ZL-E15  | 1     | 3450 | 56   | 208-230/460 | 3.2                  |
| ZL-E16  | 1     | 3450 | 56   | 208-230/460 | 2.8                  |
| ZL-E17  | 1     | 1725 | 56   | 208-230/460 | 3.3                  |
| ZL-E18  | 1     | 1725 | 143T | 208-230/460 | 3.2                  |
| ZL-E19  | 1 1/2 | 3450 | 56   | 208-230/460 | 4.0                  |
| ZL-E20  | 1 1/2 | 3450 | 143T | 208-230/460 | 4.0                  |
| ZL-E21  | 1 1/2 | 1725 | 56   | 208-230/460 | 4.8                  |
| ZL-E22  | 1 1/2 | 1725 | 145T | 208-230/460 | 4.8                  |
| ZL-E23  | 2     | 3450 | 56   | 208-230/460 | 4.8                  |
| ZL-E24  | 2     | 3450 | 145T | 208-230/460 | 4.8                  |
| ZL-E25  | 2     | 1725 | 56H  | 208-230/460 | 6.0                  |
| ZL-E26  | 2     | 1725 | 145T | 208-230/460 | 6.0                  |
| ZL-E27  | 3     | 3450 | 56   | 208-230/460 | 8.0                  |
| ZL-E28  | 3     | 3450 | 145T | 208-230/460 | 8.0                  |
| ZL-E29  | 3     | 3450 | 182T | 208-230/460 | 7.6                  |
| ZL-E30  | 3     | 1725 | 182T | 208-230/460 | 8.0                  |
| ZL-E31  | 3     | 1725 | 182T | 208-230/460 | 7.8                  |
| ZL-E32  | 5     | 3450 | 184T | 208-230/460 | 12.0                 |
| ZL-E33  | 5     | 1725 | 184T | 208-230/460 | 12.8                 |
| ZL-E34  | 7 1/2 | 3450 | 213T | 208-230/460 | 18.0                 |
| ZL-E35  | 7 1/2 | 1725 | 213T | 208-230/460 | 21.4                 |
| ZL-E36  | 10    | 3450 | 215T | 208-230/460 | 23.6                 |
| ZL-E37  | 10    | 3450 | 215T | 208-230/460 | 25                   |



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

# 全封闭单相PSC电机

## Totally Enclosed Single- Phase PSC Motor



### 应用领域

启动转矩设计，适用于有水、灰尘、污物的地方，非常适用于离心泵、风机输送机及其它工业设备上

### Applications

Moderate starting torque design, for use where exposure to water,dust and dirt exists, Ideally for use on centnfugal pump fans,conveyors and other industrial applications

### 特征

- 1、电容运转设计
- 2、如有需要，可做法兰
- 3、服务系数1.15
- 4、绝缘等级：F（UL认证）
- 5、结构：TEFC
- 6、如有需要，可带自动保护器

### Features

- 1. Permanent spit capacitor design
- 2. Flangle is interchangeable as demands
- 3. Service factor:1:1.5
- 4. Insulation Clas: F (UL approved)
- 5. Enclosure :TEFC
- 6. Auto thermal protector is available as demands



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

NEMA 系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

### 技术参数 Technical Parameters

| 编码<br>CAT .NO | 马力<br>HP | 转速<br>RPM | 机座号<br>FR | 电压<br>VOLTAGE | 频率<br>HZ | 服务系数<br>S.F | 电流230V下满载电流<br>FULL LOAD AMPS @230V |
|---------------|----------|-----------|-----------|---------------|----------|-------------|-------------------------------------|
| ZL-H1         | 1/3      | 3600      | 56        | 115/208-230   | 60       | 1.15        | 2.4                                 |
| ZL-H2         | 1/3      | 1800      | 56        | 115/208-230   | 60       | 1.15        | 2.2                                 |
| ZL-H3         | 1/2      | 3600      | 56        | 115/208-230   | 60       | 1.15        | 3.0                                 |
| ZL-H4         | 1/2      | 1800      | 56        | 115/208-230   | 60       | 1.15        | 2.9                                 |
| ZL-H5         | 3/4      | 3600      | 56        | 115/208-230   | 60       | 1.15        | 4.15                                |
| ZL-H6         | 3/4      | 1800      | 56        | 115/208-230   | 60       | 1.15        | 4.1                                 |
| ZL-H7         | 1        | 3600      | 56        | 115/208-230   | 60       | 1.15        | 4.6                                 |
| ZL-H8         | 1        | 1800      | 56        | 115/208-230   | 60       | 1.15        | 4.85                                |
| ZL-H9         | 1.5      | 3600      | 56        | 115/208-230   | 60       | 1.15        | 6.7                                 |
| ZL-H10        | 1.5      | 3600      | 145T      | 115/208-230   | 60       | 1.15        | 6.7                                 |
| ZL-H11        | 1.5      | 1800      | 56        | 115/208-230   | 60       | 1.15        | 6.8                                 |
| ZL-H12        | 1.5      | 1800      | 145T      | 115/208-230   | 60       | 1.15        | 6.8                                 |
| ZL-H13        | 2        | 3600      | 56        | 115/208-230   | 60       | 1.15        | 8.6                                 |
| ZL-H14        | 2        | 3600      | 145T      | 115/208-230   | 60       | 1.15        | 8.6                                 |
| ZL-H15        | 2        | 1800      | 56        | 115/208-230   | 60       | 1.15        | 8.7                                 |
| ZL-H16        | 2        | 1800      | 145T      | 115/208-230   | 60       | 1.15        | 8.7                                 |
| ZL-H17        | 3        | 3600      | 56        | 115/208-230   | 60       | 1.15        | 12.8                                |
| ZL-H18        | 3        | 3600      | 145T      | 115/208-230   | 60       | 1.15        | 12.8                                |



TEFC高转矩农用单相电机

Farm duty motor single phase  
TEFC high torque

应用领域

适用于传料机、输送机、风机、压缩机、喷水机、研磨机、升降机、水泵和其它需要高启动转矩的农用设备上。

Applications

Feeders, conveyors, fans, compressors, spray washers, grinders, elevators, pumps ,and other demandingagricultural applications that require high staring torques.

特征

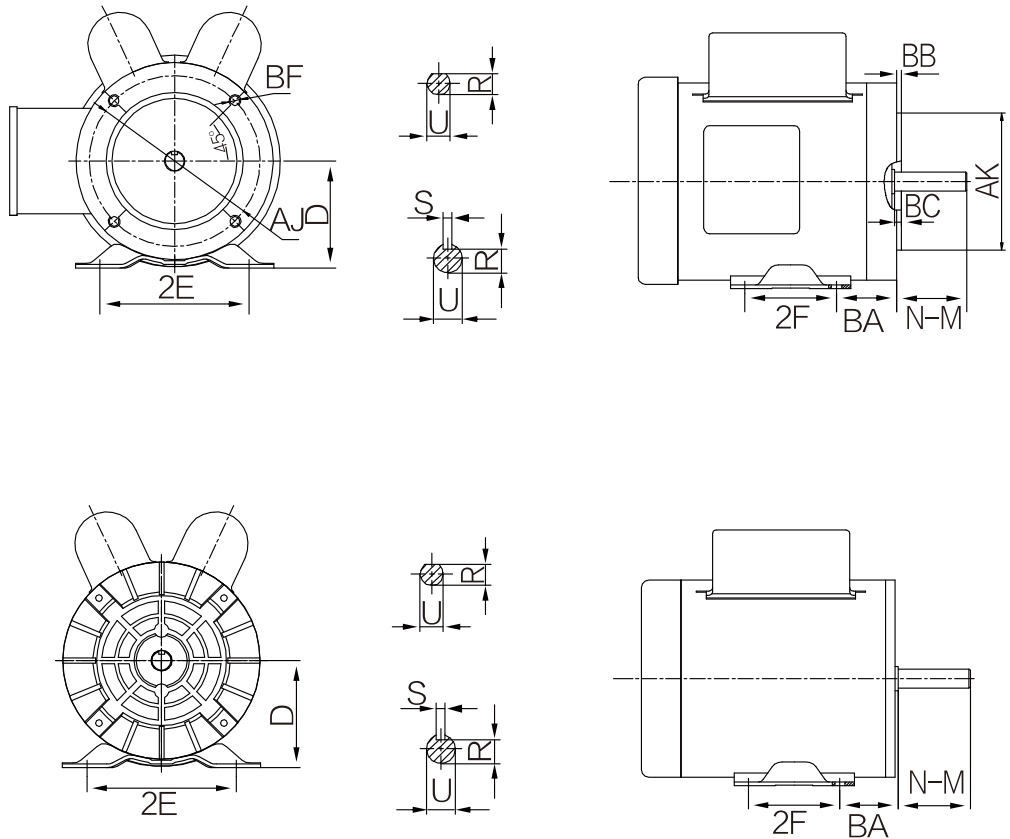
- 1、 钢板壳、带双轴承
- 2、 全封闭风扇冷却结构
- 3、 NEMA 服务系数1.15
- 4、 可反转
- 5、 用启动电容提高转矩
- 6、 可放置保护器

Features

- 1.Steel frame, Double shield Ball bearing construction
- 2.Totally enclosed fan cooled
- 3.NEMA Service Factor 1.15
- 4.Reversible rotaion
- 5.Capacitor start design for high starting torque
- 6.Thermal protector is available as demands



安装尺寸 Installation size



安装尺寸 Installation size

| FRME | 马力<br>AK | 转速<br>BC | 机座号<br>N-W | 电压<br>BA | 频率<br>2F | 结构<br>S | U     | R     | D    | 2E   | BF       | AJ    | BB   |
|------|----------|----------|------------|----------|----------|---------|-------|-------|------|------|----------|-------|------|
| 48   | 3.0      | 0.19     | 1.50       | 2.5      | 2.75     | flat    | 0.500 | 0.453 | 3.00 | 4.24 | 0.25-20  | 3.750 | 0.16 |
| 56   | 4.5      | 0.19     | 1.88       | 2.75     | 3.00     | 0.188   | 0.625 | 0.517 | 3.50 | 4.88 | 0.375-16 | 5.875 | 0.16 |
| 143T | 4.5      | 0.12     | 2.25       | 2.25     | 4.00     | 0.188   | 0.875 | 0.771 | 3.50 | 5.50 | 0.375-16 | 5.875 | 0.16 |
| 145T | 4.5      | 0.12     | 2.25       | 2.25     | 5.00     | 0.188   | 0.875 | 0.771 | 3.50 | 5.50 | 0.375-16 | 5.875 | 0.16 |
| 182T | 8.5      | 0.12     | 2.75       | 2.75     | 4.50     | 0.250   | 1.125 | 0.986 | 4.50 | 7.50 | 0.500-13 | 7.250 | 0.25 |
| 184T | 8.5      | 0.12     | 2.75       | 2.75     | 5.50     | 0.250   | 1.125 | 0.986 | 4.50 | 7.50 | 0.500-13 | 7.250 | 0.25 |
| 213T | 8.5      | 0.25     | 3.38       | 3.5      | 5.50     | 0.312   | 1.375 | 1.201 | 5.25 | 8.50 | 0.500-13 | 7.250 | 0.25 |
| 215T | 8.5      | 0.25     | 3.38       | 3.5      | 7.00     | 0.312   | 1.375 | 1.201 | 5.25 | 5.50 | 0.500-13 | 7.250 | 0.25 |



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

多级离心泵电机系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

水泵电机

The Water Pump  
Motor

应用领域

适用于轻型立式多级离心泵，可以用于输送自来水到工业液体等各种不同介质的泵类产品。

Applications

Suitable for light vertical multistage centrifugal pumps, can be used to transport tap water Pump products for various media such as industrial liquids.

特征

Features

- 1、高精密轴承
- 2、低噪音、低温升设计
- 3、立式和卧式两种安装方式
- 4、单相和三相电压
- 5、单相可放置热保护器

- 1、 High precision bearing
- 2、 Low noise, low temperature rise design
- 3、 Vertical and horizontal installation
- 4、 Single-phase and three-phase voltage
- 5、 Thermal protector is available as demads



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

多级离心泵电机系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

技术参数 Technical Parameters

| 功率<br>Watts | 转速<br>RPM | 电压<br>Volts | 机座号<br>Fr | 电流<br>Amps | 效率<br>Eff (%) | 功率因素<br>Cos.fi | 注解<br>Notes | 编码<br>Cat.No |
|-------------|-----------|-------------|-----------|------------|---------------|----------------|-------------|--------------|
|-------------|-----------|-------------|-----------|------------|---------------|----------------|-------------|--------------|

三相全封闭风扇冷却  
Three Phase-Totally Enclosed Fan Cooled

|       |      |         |     |       |    |      |  |        |
|-------|------|---------|-----|-------|----|------|--|--------|
| 370   | 2800 | 380~415 | 71  | 0.99  | 70 | 0.81 |  | ZL-L1  |
| 550   | 2800 | 380~415 | 71  | 1.40  | 73 | 0.82 |  | ZL-L2  |
| 750   | 2825 | 380~415 | 80  | 1.80  | 75 | 0.83 |  | ZL-L3  |
| 1100  | 2825 | 380~415 | 80  | 2.58  | 77 | 0.84 |  | ZL-L4  |
| 1500  | 2840 | 380~415 | 90  | 3.39  | 79 | 0.84 |  | ZL-L5  |
| 2200  | 2840 | 380~415 | 90  | 4.85  | 81 | 0.85 |  | ZL-L6  |
| 3000  | 2860 | 380~415 | 100 | 6.31  | 83 | 0.87 |  | ZL-L7  |
| 4000  | 2860 | 380~415 | 112 | 8.13  | 85 | 0.88 |  | ZL-L8  |
| 5500  | 2880 | 380~415 | 132 | 11.70 | 86 | 0.88 |  | ZL-L9  |
| 7500  | 2880 | 380~415 | 132 | 14.90 | 87 | 0.88 |  | ZL-L10 |
| 11000 | 2900 | 380~415 | 160 | 20.90 | 88 | 0.89 |  | ZL-L11 |
| 15000 | 2900 | 380~415 | 160 | 27.90 | 89 | 0.89 |  | ZL-L12 |

单相全封闭风扇冷却  
Single Phase-Totally Enclosed Fan Cooled

|      |      |         |     |       |    |      |  |        |
|------|------|---------|-----|-------|----|------|--|--------|
| 370  | 2800 | 220~240 | 71  | 2.73  | 67 | 0.92 |  | ZL-L13 |
| 550  | 2800 | 220~240 | 71  | 3.88  | 70 | 0.92 |  | ZL-L14 |
| 750  | 2800 | 220~240 | 80  | 5.15  | 72 | 0.92 |  | ZL-L15 |
| 1100 | 2800 | 220~240 | 80  | 7.02  | 75 | 0.95 |  | ZL-L16 |
| 1500 | 2800 | 220~240 | 90  | 9.44  | 76 | 0.95 |  | ZL-L17 |
| 2200 | 2800 | 220~240 | 90  | 13.60 | 77 | 0.95 |  | ZL-L18 |
| 3000 | 2800 | 220~240 | 100 | 17.80 | 78 | 0.95 |  | ZL-L19 |

60HZ 110/220V is available as special requirement  
可专门设计成电压 110/220V、60HZ



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

多级离心泵电机系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

# 不锈钢水泵专用电机

## Special Motors For Stainless Pump



### 应用领域

专用于不锈钢立式卧式多级离心泵，可以用于输送自来水到工业液体等各种不同介质的泵类产品。

### Applications

Dedicated to stainless steel vertical horizontal multistage centrifugal pumps for conveying tap water Pump products for various media such as industrial liquids.

### 特征

- 1、高精度轴承、低噪音、低温升设计，确保使用寿命
- 2、不锈钢专用轴，防腐蚀
- 3、为空调系统专用多及离心泵设计

### Features

- 1. High precision Ball Bearing,Low Noise, Low tmperature rise design for long lifetime running
- 2. Stainless steel shaft for the best corrosion protection
- 3. Designed for air conditioning systems and centrifugal pumps



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

多级离心泵电机系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

### 技术参数 Technical Parameters

| 功率<br>Watts | 转速<br>RPM | 电压<br>Volts | 机座号<br>Fr | 电流<br>Amps | 效率<br>Eff (%) | 效率因素<br>Cos.fi | 注解<br>Notes | 编码<br>Cat.no |
|-------------|-----------|-------------|-----------|------------|---------------|----------------|-------------|--------------|
|-------------|-----------|-------------|-----------|------------|---------------|----------------|-------------|--------------|

Three Phase-Totally Enclosed Fan Cooled  
三相全封闭风扇冷却

|      |      |         |     |      |    |      |  |       |
|------|------|---------|-----|------|----|------|--|-------|
| 370  | 2800 | 380~415 | 71  | 0.99 | 70 | 0.81 |  | ZL-M1 |
| 550  | 2800 | 380~415 | 71  | 1.40 | 73 | 0.82 |  | ZL-M2 |
| 750  | 2825 | 380~415 | 80  | 1.80 | 75 | 0.83 |  | ZL-M3 |
| 1100 | 2825 | 380~415 | 80  | 2.58 | 77 | 0.84 |  | ZL-M4 |
| 1500 | 2840 | 380~415 | 90  | 3.39 | 79 | 0.84 |  | ZL-M5 |
| 2200 | 2840 | 380~415 | 90  | 4.85 | 81 | 0.85 |  | ZL-M6 |
| 3000 | 2860 | 380~415 | 100 | 6.31 | 83 | 0.87 |  | ZL-M7 |
| 4000 | 2860 | 380~415 | 112 | 8.13 | 85 | 0.88 |  | ZL-M8 |

Single Phase-Totally Enclosed Fan Cooled  
单相全封闭风扇冷却

|      |      |         |     |       |    |      |  |        |
|------|------|---------|-----|-------|----|------|--|--------|
| 370  | 2800 | 220~240 | 71  | 2.73  | 67 | 0.92 |  | ZL-L9  |
| 550  | 2800 | 220~240 | 71  | 3.88  | 70 | 0.92 |  | ZL-L10 |
| 750  | 2800 | 220~240 | 80  | 5.15  | 72 | 0.92 |  | ZL-L11 |
| 1100 | 2800 | 220~240 | 80  | 7.02  | 75 | 0.95 |  | ZL-L12 |
| 1500 | 2800 | 220~240 | 90  | 9.44  | 76 | 0.95 |  | ZL-L13 |
| 2200 | 2800 | 220~240 | 90  | 13.60 | 77 | 0.95 |  | ZL-L14 |
| 3000 | 2800 | 220~240 | 100 | 17.80 | 78 | 0.95 |  | ZL-L15 |

60HZ 110/220V is available as special requirement  
可专门设计成电压 110/220V、60HZ





ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

IEC标准电机系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

# 空压机专用电机

## Air Compressor Duty Motors



### 使用条件

适用于对长度要求严格，大启动转矩要求的压缩机，并能够针对不同需求进行定制。涉及到的应用场合有：高原，船舶，户外，湿热地区。

### Applications

Suitable for compressors with strict length requirements and large starting torque requirements.And can be customized for different needs. The applications involved are:Plateau, ships, outdoor, hot and humid areas.

### 特征

- 1.采用降低启动电流设计，可以确保在额定负载下减低电压
- 2.电机带有符合CE 认证的手动保护器，电容器，轴承，以延使用寿命
- 3.低压启动可以延长使用寿命
- 4.采用IP54防护等级，可更好户外使用

### Features

- 1.Reduced satrtng amperage design to ensure the reduced voltage starting at rated load.
- 2.Equipped with CE approved Manual thermal overload,capacilors& high quality call bearings to ensure the lifetime.
- 3.Long lifetime at reduced voltage starting.
- 4.Enclosure protection degree of IP54 is better for outdoor use.



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

IEC标准电机系列

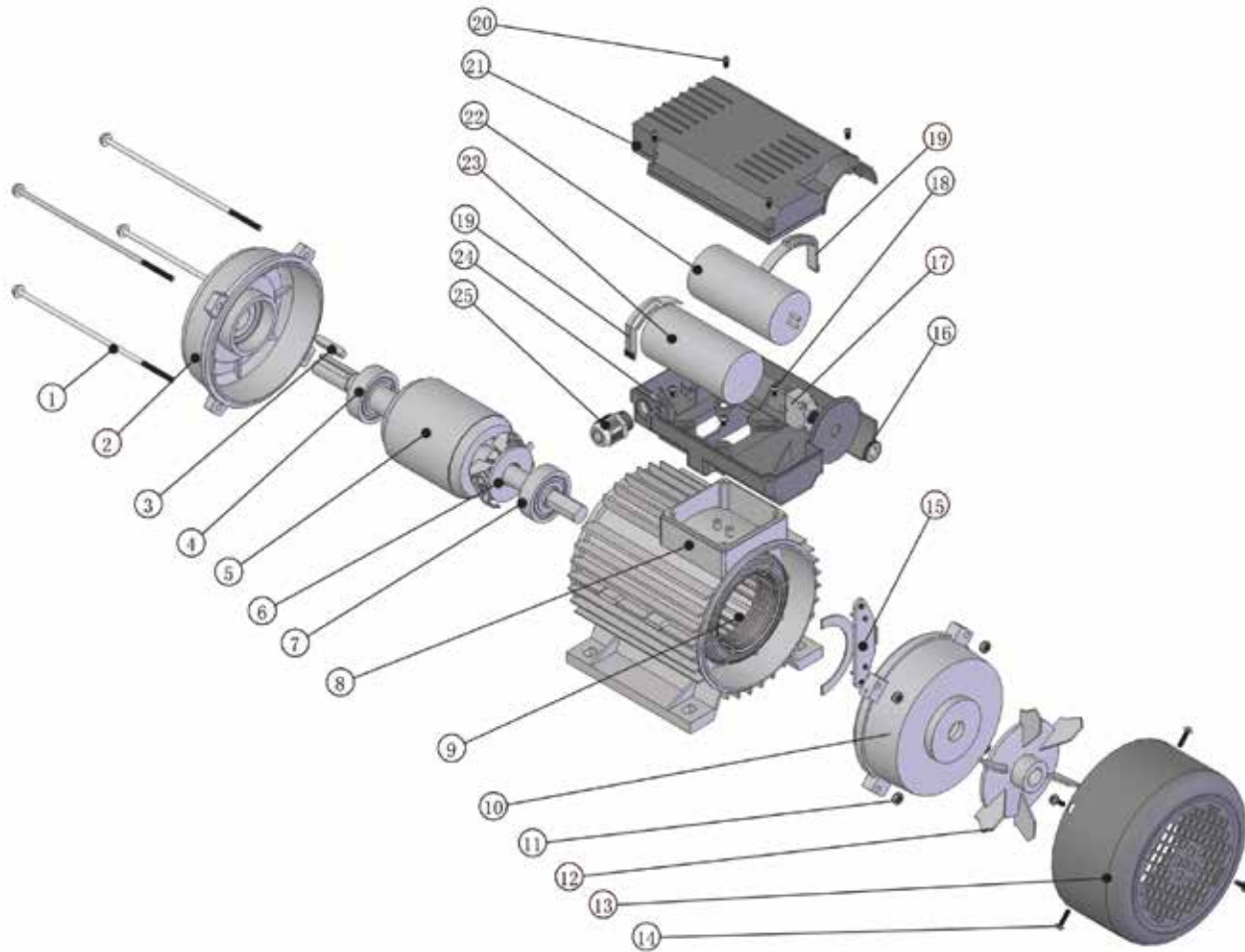
PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

### 技术参数 Technical Parameters

| 功率<br>Watts                                                            | 马力<br>Hp | 转速<br>RPM | 电压<br>Volts | 机座号<br>Fr | 保护器<br>Prot | 底角<br>Base | 电流<br>Amps | 注解<br>Notes | 编码<br>Can.no. |
|------------------------------------------------------------------------|----------|-----------|-------------|-----------|-------------|------------|------------|-------------|---------------|
| Capacitor start,capacitor run-TEFC-Belt Drive/电容启动, 电容运行 全封闭风扇冷却 皮带式驱动 |          |           |             |           |             |            |            |             |               |
| 250                                                                    | 0.3      | 1400      | 220-240     | 71        | MAN         | B3         | 2.03       | 1           | ZL-K1         |
| 370                                                                    | 0.5      | 2800      | 220-240     | 71        | MAN         | B3         | 2.75       | 1           | ZL-K2         |
| 370                                                                    | 0.5      | 1400      | 220-240     | 71        | MAN         | B3         | 2.95       | 1           | ZL-K3         |
| 550                                                                    | 0.75     | 2800      | 220-240     | 71        | MAN         | B3         | 3.88       | 1           | ZL-K4         |
| 550                                                                    | 0.75     | 1400      | 220-240     | 71        | MAN         | B3         | 4.25       | 1           | ZL-K5         |
| 550                                                                    | 0.75     | 1400      | 220-240     | 80        | MAN         | B3         | 4.25       | 1           | ZL-K6         |
| 750                                                                    | 1        | 2800      | 220-240     | 71        | MAN         | B3         | 5.15       | 1           | ZL-K7         |
| 750                                                                    | 1        | 2800      | 220-240     | 80        | MAN         | B3         | 5.15       | 1           | ZL-K8         |
| 1100                                                                   | 1        | 1400      | 220-240     | 80        | MAN         | B3         | 5.45       | 1           | ZL-K9         |
| 1100                                                                   | 1.5      | 2800      | 220-240     | 71        | MAN         | B3         | 7.02       | 1           | ZL-K10        |
| 1100                                                                   | 1.5      | 2800      | 220-240     | 80        | MAN         | B3         | 7.02       | 1           | ZL-K11        |
| 1100                                                                   | 1.5      | 1400      | 220-240     | 80        | MAN         | B3         | 7.41       | 1           | ZL-K12        |
| 1100                                                                   | 1.5      | 1400      | 220-240     | 90        | MAN         | B3         | 7.41       | 1           | ZL-K13        |
| 1500                                                                   | 2        | 2800      | 220-240     | 80        | MAN         | B3         | 9.44       | 1           | ZL-K14        |
| 1500                                                                   | 2        | 2800      | 220-240     | 90        | MAN         | B3         | 9.44       | 1           | ZL-K15        |
| 1500                                                                   | 2        | 1400      | 220-240     | 90        | MAN         | B3         | 9.83       | 1           | ZL-K16        |
| 1850                                                                   | 2.5      | 2800      | 220-240     | 80        | MAN         | B3         | 11.10      | 1           | ZL-K17        |
| 1850                                                                   | 2.5      | 2800      | 220-240     | 90        | MAN         | B3         | 11.10      | 1           | ZL-K18        |
| 1850                                                                   | 2.5      | 1400      | 220-240     | 90        | MAN         | B3         | 11.40      | 1           | ZL-K19        |
| 2200                                                                   | 3        | 2800      | 220-240     | 90        | MAN         | B3         | 13.60      | 1           | ZL-K20        |
| 2200                                                                   | 3        | 1400      | 220-240     | 90        | MAN         | B3         | 14.00      | 1           | ZL-K21        |
| 2200                                                                   | 3        | 1400      | 220-240     | 100       | MAN         | B3         | 14.00      | 1           | ZL-K22        |
| 3000                                                                   | 4        | 1400      | 220-240     | 100       | MAN         | B3         | 17.80      | 1           | ZL-K23        |
| 4000                                                                   | 5.5      | 1400      | 220-240     | 112       | MAN         | B3         | 22.90      | 1           | ZL-K24        |
| 5000                                                                   | 7.5      | 1400      | 220-240     | 132       | MAN         | B3         | 30.90      | 1           | ZL-K25        |
| Permanent split capacitor-TEFC-Belt Drive/电容运行型-全封闭风扇冷却-皮带式驱动          |          |           |             |           |             |            |            |             |               |
| 1100                                                                   | 1.5      | 2800      | 220-240     | 80        | MAN         | B3         | 7.02       | 2           | ZL-K26        |
| 1500                                                                   | 2        | 2800      | 220-240     | 80        | MAN         | B3         | 9.50       | 2           | ZL-K27        |
| 1850                                                                   | 2.5      | 2800      | 220-240     | 90        | MAN         | B3         | 11.10      | 2           | ZL-K28        |
| 2200                                                                   | 3        | 2800      | 220-240     | 90        | MAN         | B3         | 13.60      | 2           | ZL-K29        |

- 1. Capacitor start/Capacitor Run design for reduced amperage  
电容启动/电容运行降低电流启动设计
- 2. Permanent split capacitor design(PSC)  
采用分相电容器设计
- 3. 60HZ 220~240V, 110/220V is available as special requirement  
常规60HZ, 220-240V, 但 110/220V 也可生产专门设计

空压机专用电机爆炸图 special motors for stainless pump

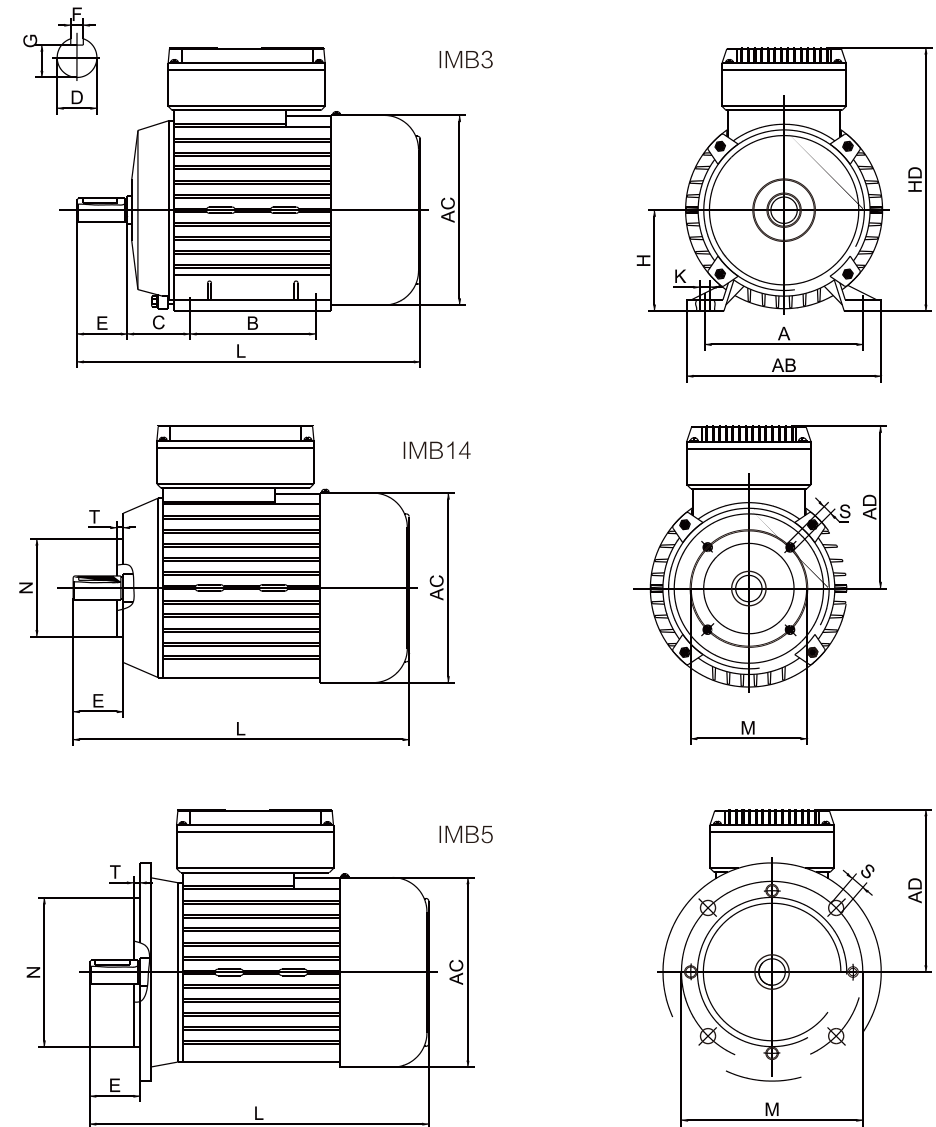


| No. | Part Desc.          | Qty. |
|-----|---------------------|------|
| 1   | Bolt                | 4    |
| 2   | Front shield        | 1    |
| 3   | Key                 | 1    |
| 4   | Beraring            | 1    |
| 5   | Rotor with shaft    | 1    |
| 6   | Switch rotary pary  | 1    |
| 7   | Bearing             | 1    |
| 8   | Case                | 1    |
| 9   | Stator with winding | 1    |
| 10  | Rear shield         | 1    |

| No. | Part Desc.       | Qty. |
|-----|------------------|------|
| 11  | Nut&wash         | 4    |
| 12  | Fan              | 1    |
| 13  | Fan cover        | 1    |
| 14  | Screw&washer     | 4    |
| 15  | Switch Fix Part  | 1    |
| 16  | Protector nut    | 1    |
| 17  | Protector        | 1    |
| 18  | Screw&washer     | 4    |
| 19  | Capacitor holder | 2    |
| 20  | Screw&washer     | 4    |

| No. | Part Desc.               | Qty. |
|-----|--------------------------|------|
| 21  | Terminal box top part    | 1    |
| 22  | Running Capaator         | 1    |
| 23  | Starting Capaator        | 1    |
| 24  | Terminal box bottom part | 1    |
| 25  | Cable gland              | 1    |

空压机专用电机安装尺寸图 Single Phase Motor Installation Dimensions



| Frame | Installation size |     |    |    |    |   |      |     |       |       |     |     |    |     |      |     |     |     |     | Overall Dimension |      |     |     |     |
|-------|-------------------|-----|----|----|----|---|------|-----|-------|-------|-----|-----|----|-----|------|-----|-----|-----|-----|-------------------|------|-----|-----|-----|
|       | IMB3              |     |    |    |    |   |      |     |       | IMB14 |     |     |    |     | IMB5 |     |     |     |     |                   |      |     |     |     |
|       | A                 | B   | C  | D  | E  | F | G    | H   | K     | M     | N   | P   | S  | T   | M    | N   | P   | S   | T   | AB                | AC   | AD  | HD  | L   |
| 71    | 112               | 90  | 45 | 14 | 30 | 5 | 11   | 71  | 7X10  | 85    | 70  | 105 | M6 | 2.5 | 130  | 110 | 160 | ø10 | 3.5 | 132               | ø145 | 194 | 123 | 260 |
| 80    | 125               | 100 | 50 | 19 | 40 | 6 | 15.5 | 81  | 10X13 | 100   | 80  | 120 | M6 | 3   | 165  | 130 | 200 | ø12 | 3.5 | 157               | ø165 | 223 | 143 | 295 |
| 90S   | 140               | 100 | 56 | 24 | 50 | 8 | 20   | 90  | 10X13 | 115   | 95  | 140 | M6 | 3   | 165  | 130 | 200 | ø12 | 3.5 | 172               | ø185 | 240 | 150 | 335 |
| 90L   | 140               | 125 | 56 | 24 | 50 | 8 | 20   | 90  | 10X13 | 115   | 95  | 140 | M8 | 3   | 165  | 130 | 200 | ø12 | 3.5 | 172               | ø185 | 240 | 150 | 365 |
| 100L  | 160               | 140 | 63 | 28 | 60 | 8 | 24   | 100 | 12X15 | 130   | 110 | 160 | M8 | 3.5 | 215  | 180 | 250 | ø15 | 4   | 196               | ø205 | 260 | 160 | 400 |
| 112M  | 190               | 140 | 70 | 28 | 60 | 8 | 24   | 112 | 12X15 | 130   | 110 | 160 | M8 | 3.5 | 215  | 180 | 250 | ø15 | 4   | 222               | ø230 | 295 | 183 | 453 |

ML系列单相双值电容电机

ML series single-phase two-value capacitor motors



应用领域

适用于无三相电源的场合，用于驱动金属切割机床、泵类、运输机械、搅拌机、农业机械及家用电器等方面。

Applications

Suitable for driving metal cutting machine tools, pumps, etc. Transportation machinery, mixers, agricultural machinery and household appliances.

特征

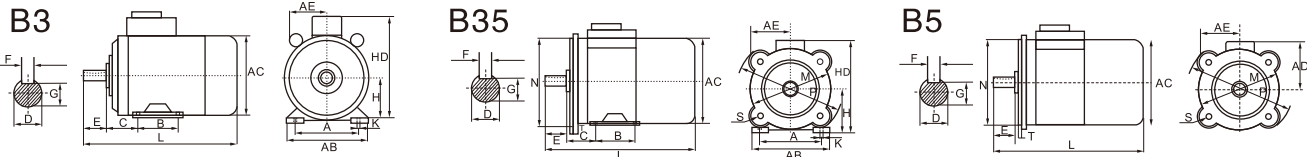
- 1、采用最新设计及高质量材料
- 2、符合IEC标准，功率符合欧洲EFF2标准
- 3、电机具有高效省电，低噪微振
- 4、重量轻，运行维护便利
- 5、防护等级IP54、F级绝缘、B级温升考核
- 6、使用条件-15℃≤0≤40℃，海拔≤1000M
- 7、ML是电容运转与电容启动电动机

Features

- 1.Reduced satrtng amperage design to ensure the reduced voltage starting at rated load.
- 2.Equipped with CE approved Manual thermal overload,capacilors& high quality call bearings to ensure the lifetime.
- 3.Long lifetime at reduced voltage starting.
- 4.Enclosure protection degree of IP54 is better for outdoor use.

外形及安装尺寸 OVERALL AND MOUNTING DIMENSION

| 机座号<br>Frame NO | 安装尺寸 Mounting dimension (mm) |     |    |    |    |   |      |     |    |     |     |     |   |    |     | 外形尺寸<br>Overall Dimension(mm) |     |     |     |     |
|-----------------|------------------------------|-----|----|----|----|---|------|-----|----|-----|-----|-----|---|----|-----|-------------------------------|-----|-----|-----|-----|
|                 | A                            | B   | C  | D  | E  | F | G    | H   | K  | M   | N   | P   | R | S  | T   |                               |     |     |     |     |
| 71              | 112                          | 90  | 45 | 14 | 30 | 5 | 11   | 71  | 7  | 130 | 110 | 160 | 0 | 10 | 3.5 | 145                           | 145 | 140 | 180 | 255 |
| 80              | 125                          | 100 | 50 | 19 | 40 | 6 | 15.5 | 80  | 10 | 165 | 130 | 200 | 0 | 12 | 3.5 | 160                           | 165 | 150 | 200 | 295 |
| 90S             | 140                          | 100 | 56 | 24 | 50 | 8 | 20   | 90  | 10 | 165 | 130 | 200 | 0 | 12 | 3.5 | 180                           | 185 | 160 | 240 | 370 |
| 90L             | 140                          | 125 | 56 | 24 | 50 | 8 | 20   | 90  | 10 | 165 | 130 | 200 | 0 | 12 | 3.5 | 180                           | 185 | 160 | 240 | 400 |
| 100L            | 160                          | 140 | 63 | 28 | 60 | 8 | 24   | 100 | 12 | 215 | 180 | 250 | 0 | 15 | 4.0 | 205                           | 220 | 180 | 260 | 430 |



技术参数 Technical Parameters

| 功率<br>Watts                                             | 转速<br>RPM | 电压<br>Volts | 机座号<br>Fr | 电流<br>Amps | 电流<br>Eff. (%) | Can.fi. | Ts/Tn | 注解<br>Notes | 编码<br>Can.no. |
|---------------------------------------------------------|-----------|-------------|-----------|------------|----------------|---------|-------|-------------|---------------|
| capacitor start,capacitor run-total enclosed fan cooled |           |             |           |            |                |         |       |             |               |
| 250                                                     | 1400      | 220-240     | 71        | 2.03       | 62             | 0.92    | 1.80  | 1           | ZL-S1         |
| 370                                                     | 2800      | 220-240     | 71        | 2.73       | 67             | 0.92    | 1.80  | 1           | ZL-S2         |
| 370                                                     | 1400      | 220-240     | 71        | 2.95       | 65             | 0.92    | 1.80  | 1           | ZL-S3         |
| 550                                                     | 2800      | 220-240     | 71        | 3.88       | 70             | 0.92    | 1.80  | 1           | ZL-S4         |
| 550                                                     | 1400      | 220-240     | 71        | 4.25       | 68             | 0.92    | 1.80  | 1           | ZL-S5         |
| 550                                                     | 1400      | 220-240     | 80        | 4.25       | 68             | 0.92    | 1.80  | 1           | ZL-S6         |
| 750                                                     | 2800      | 220-240     | 71        | 5.15       | 72             | 0.92    | 1.80  | 1           | ZL-S7         |
| 750                                                     | 2800      | 220-240     | 80        | 5.15       | 72             | 0.92    | 1.80  | 1           | ZL-S8         |
| 750                                                     | 1400      | 220-240     | 80        | 5.45       | 71             | 0.92    | 1.80  | 1           | ZL-S9         |
| 1100                                                    | 2800      | 220-240     | 71        | 7.02       | 75             | 0.95    | 1.80  | 1           | ZL-S10        |
| 1100                                                    | 2800      | 220-240     | 80        | 7.02       | 75             | 0.95    | 1.80  | 1           | ZL-S11        |
| 1100                                                    | 1400      | 220-240     | 80        | 7.41       | 73             | 0.95    | 1.80  | 1           | ZL-S12        |
| 1100                                                    | 1400      | 220-240     | 90        | 7.41       | 73             | 0.95    | 1.80  | 1           | ZL-S13        |
| 1500                                                    | 2800      | 220-240     | 80        | 9.44       | 76             | 0.95    | 1.80  | 1           | ZL-S14        |
| 1500                                                    | 2800      | 220-240     | 90        | 9.44       | 76             | 0.95    | 1.80  | 1           | ZL-S15        |
| 1500                                                    | 1400      | 220-240     | 90        | 9.83       | 75             | 0.95    | 1.80  | 1           | ZL-S16        |
| 1850                                                    | 2800      | 220-240     | 80        | 11.10      | 77             | 0.95    | 1.80  | 1           | ZL-S17        |
| 1850                                                    | 2800      | 220-240     | 90        | 11.10      | 77             | 0.95    | 1.80  | 1           | ZL-S18        |
| 1855                                                    | 1400      | 220-240     | 90        | 11.40      | 76             | 0.95    | 1.80  | 1           | ZL-S19        |
| 2200                                                    | 2800      | 220-240     | 90        | 13.60      | 77             | 0.95    | 1.80  | 1           | ZL-S20        |
| 2200                                                    | 1400      | 220-240     | 90        | 14.00      | 76             | 0.95    | 1.80  | 1           | ZL-S21        |
| 3000                                                    | 2800      | 220-240     | 100       | 17.80      | 78             | 0.95    | 1.80  | 1           | ZL-S22        |
| 3000                                                    | 1400      | 220-240     | 100       | 18.00      | 77             | 0.95    | 1.80  | 1           | ZL-S23        |

1.60HZ 220-240V is avaiable as special requirement  
2.60HZ 110/220V is avaiable as special requirement  
3.Ts/Tn=starting torque/rated torque



MY系列单相电容运转型电动机

MY series single-phase capacitor running motor



应用领域

适用于无三相电源的场合，用于驱动金属切割机床、泵类、运输机械、搅拌机、农业机械及家用电器等方面。  
可广泛用于家用电器、风扇、记录仪及对起动要求不高的场合。

Applications

Suitable for driving metal cutting machine tools, pumps, etc. Transportation machinery, mixers, agricultural machinery and household appliances.  
Can be widely used in household appliances, fans, recorders and occasions where the requirements for starting are not high.

特征

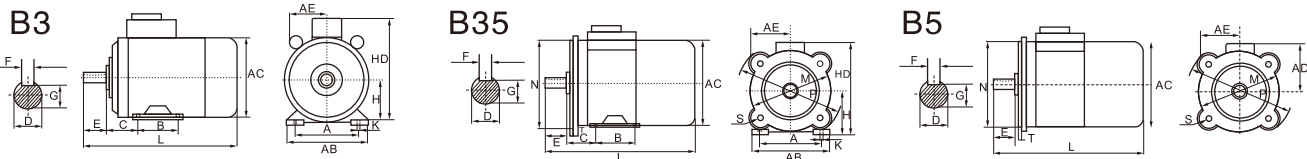
- 1、 起动电流小，力能指标高，运行可靠，维护方便
- 2、 符合IEC标准
- 3、 为全封闭结构，防护等级IP44

Features

- 1.Low starting current, high energy index, reliable operation and easy maintenance
- 2.Compliance with IEC standards
- 3.For fully enclosed structure, protection class IP44

外形及安装尺寸 OVERALL AND MOUNTING DIMENSION

| 机座号<br>Frame NO | 安装尺寸 Mounting dimension (mm) |     |    |    |    |   |      |     |    |     |     |     |   |    |     | 外形尺寸<br>Overall Dimension(mm) |     |     |     |     |
|-----------------|------------------------------|-----|----|----|----|---|------|-----|----|-----|-----|-----|---|----|-----|-------------------------------|-----|-----|-----|-----|
|                 | A                            | B   | C  | D  | E  | F | G    | H   | K  | M   | N   | P   | R | S  | T   |                               |     |     |     |     |
| 71              | 112                          | 90  | 45 | 14 | 30 | 5 | 11   | 71  | 7  | 130 | 110 | 160 | 0 | 10 | 3.5 | 145                           | 145 | 140 | 180 | 255 |
| 80              | 125                          | 100 | 50 | 19 | 40 | 6 | 15.5 | 80  | 10 | 165 | 130 | 200 | 0 | 12 | 3.5 | 160                           | 165 | 150 | 200 | 295 |
| 90S             | 140                          | 100 | 56 | 24 | 50 | 8 | 20   | 90  | 10 | 165 | 130 | 200 | 0 | 12 | 3.5 | 180                           | 185 | 160 | 240 | 370 |
| 90L             | 140                          | 125 | 56 | 24 | 50 | 8 | 20   | 90  | 10 | 165 | 130 | 200 | 0 | 12 | 3.5 | 180                           | 185 | 160 | 240 | 400 |
| 100L            | 160                          | 140 | 63 | 28 | 60 | 8 | 24   | 100 | 12 | 215 | 180 | 250 | 0 | 15 | 4.0 | 205                           | 220 | 180 | 260 | 430 |



技术参数 Technical Parameters

| 功率<br>Watts                                             | 转速<br>RPM | 电压<br>Volts | 机座号<br>Fr | 电流<br>Amps | 电流<br>Eff. (%) | Can.fi. | Ts/Tn | 注解<br>Notes | 编码<br>Can.no. |
|---------------------------------------------------------|-----------|-------------|-----------|------------|----------------|---------|-------|-------------|---------------|
| capacitor start,capacitor run-total enclosed fan cooled |           |             |           |            |                |         |       |             |               |
| 180                                                     | 2800      | 220-240     | 63        | 1.37       | 60             | 0.92    | 0.40  | 1, 2        | ZL-R1         |
| 180                                                     | 1400      | 220-240     | 63        | 1.54       | 56             | 0.92    | 0.40  | 1, 2        | ZL-R2         |
| 250                                                     | 2800      | 220-240     | 71        | 1.87       | 63             | 0.92    | 0.40  | 1, 2        | ZL-R3         |
| 250                                                     | 1400      | 220-240     | 71        | 2.03       | 61             | 0.92    | 0.35  | 1, 2        | ZL-R4         |
| 370                                                     | 2800      | 220-240     | 71        | 2.73       | 67             | 0.92    | 0.35  | 1, 2        | ZL-R5         |
| 370                                                     | 1400      | 220-240     | 71        | 2.95       | 62             | 0.92    | 0.35  | 1, 2        | ZL-R6         |
| 550                                                     | 2800      | 220-240     | 71        | 3.88       | 70             | 0.92    | 0.35  | 1, 2        | ZL-R7         |
| 550                                                     | 1400      | 220-240     | 80        | 4.25       | 64             | 0.92    | 0.35  | 1, 2        | ZL-R8         |
| 750                                                     | 2800      | 220-240     | 71        | 5.15       | 72             | 0.92    | 0.33  | 1, 2        | ZL-R9         |
| 750                                                     | 2800      | 220-240     | 80        | 5.15       | 72             | 0.92    | 0.33  | 1, 2        | ZL-R10        |
| 750                                                     | 1400      | 220-240     | 80        | 5.45       | 68             | 0.92    | 0.32  | 1, 2        | ZL-R11        |
| 1100                                                    | 2800      | 220-240     | 80        | 7.02       | 75             | 0.95    | 0.33  | 1, 2        | ZL-R12        |
| 1100                                                    | 1400      | 220-240     | 80        | 7.41       | 71             | 0.95    | 0.32  | 1, 2        | ZL-R13        |
| 1100                                                    | 1400      | 220-240     | 90        | 7.41       | 71             | 0.95    | 0.32  | 1, 2        | ZL-R14        |
| 1500                                                    | 2800      | 220-240     | 80        | 9.44       | 76             | 0.95    | 0.30  | 1, 2        | ZL-R15        |
| 1500                                                    | 2800      | 220-240     | 90        | 9.44       | 76             | 0.95    | 0.30  | 1, 2        | ZL-R16        |
| 1500                                                    | 1400      | 220-240     | 90        | 9.83       | 73             | 0.95    | 0.30  | 1, 2        | ZL-R17        |
| 1850                                                    | 2800      | 220-240     | 80        | 11.10      | 76             | 0.95    | 0.30  | 1           | ZL-R18        |
| 1850                                                    | 2800      | 220-240     | 90        | 11.10      | 76             | 0.95    | 0.30  | 1           | ZL-R19        |
| 1850                                                    | 1400      | 220-240     | 90        | 11.40      | 73             | 0.95    | 0.30  | 1           | ZL-R20        |
| 2200                                                    | 2800      | 220-240     | 90        | 13.60      | 77             | 0.95    | 0.30  | 1           | ZL-R21        |
| 2200                                                    | 1400      | 220-240     | 90        | 13.70      | 77             | 0.95    | 0.30  | 1           | ZL-R22        |
| 3000                                                    | 2800      | 220-240     | 100       | 17.80      | 79             | 0.95    | 0.30  | 1           | ZL-R23        |

1.60HZ 220-240V is available as special requirement  
2.60HZ 110/220V is available as special requirement  
3.Ts/Tn=starting torque/rated torque



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

IEC标准电机系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

# 高效三相异步电动机

## High Efficiency Three Phase Induction Motor



### 应用领域

适用于一般场所和无特殊要求的机械，如金属切削机床、泵、风机、运输机械、搅拌机、农业机械、食品机械等。

### Applications

Suitable for general places and machinery without special requirements, such as metal cutting machine tools, pumps,Fans, transportation machinery, mixers, agricultural machinery, food machinery, etc.

### 特征

- 效率标准: IE2、IE3、IE4
- 铸铁机壳、铸铝机壳符合IEC标准
- 封闭式风扇冷却、电机防护等级IP54  
接线盒防护等级IP55
- 安装方式: B3, B5, B14, B35, B34
- 绝缘等级: F
- 适用于所有工业设备的三相电源

### Features

- Efficiency standard:IE2、IE3、IE4
- Cast iron case and cast aluminum case meet the IEC standard.
- Totally enclosed fan cooling:IC0141,IP54 for main body  
and IP55 for terminal box
- Mounting mode:B3,B5,B14,B35,B34
- Insulation Class:F
- General purpose for various of the industrial equipment  
where three-phase power is available.

### 安装型式

Mounting type

| 示意图<br>Diagram      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 安 装 型 式<br>Mounting | B3     | B5     | B35    | V1     | V3     | V5     | V6     | B6     | B7     | B8     | V15    | V36    | B14    | B34    | V18    |
| 机 座 号<br>Frame NO   | 80-355 | 80-280 | 80-355 | 80-355 | 80-160 | 80-160 | 80-160 | 80-160 | 80-160 | 80-160 | 80-160 | 80-160 | 80-112 | 80-112 | 80-112 |



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

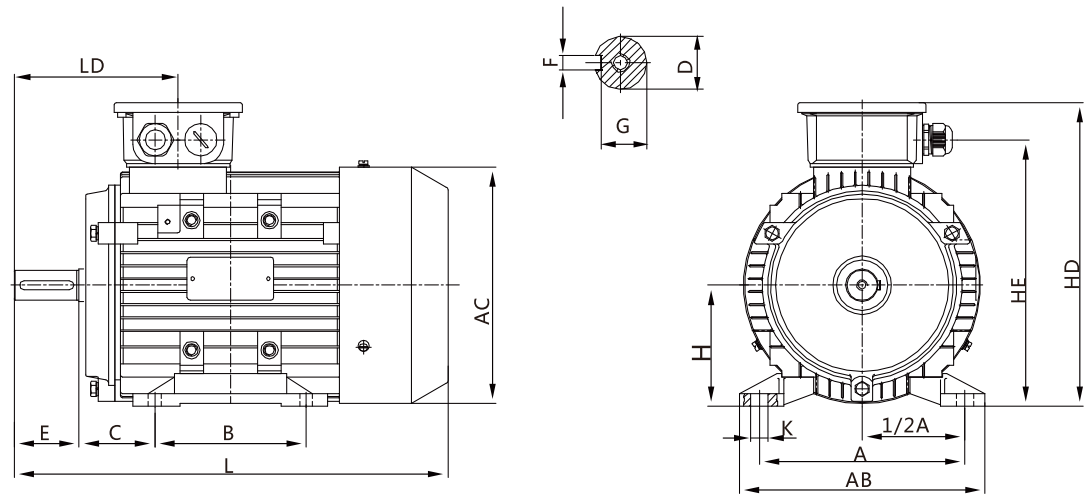
IEC标准电机系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

### 技术参数 Technical Parameters

| 型号<br>Type  | 电流<br>Amps(A) | 功率 Watts |       | 转速<br>(rpm) | 效率<br>Eff (%) | 功率因素<br>Cos.fi | 启动转矩倍数<br>Tsn/Tn | 启动电流倍数<br>Isn/In | 启动电流倍数<br>Tmax/Tn | 重量<br>kg | 编码<br>Cat.no |
|-------------|---------------|----------|-------|-------------|---------------|----------------|------------------|------------------|-------------------|----------|--------------|
|             |               | KW 千瓦    | HP 马力 |             |               |                |                  |                  |                   |          |              |
| YE2-80M1-2  | 1.8           | 0.75     | 1     | 2875        | 77.4          | 0.82           | 2.3              | 6.8              | 2.3               | 20       | ZL-N1        |
| YE2-80M2-2  | 2.5           | 1.1      | 1.5   | 2875        | 79.6          | 0.83           | 2.3              | 7.1              | 2.3               | 21       | ZL-N2        |
| YE2-90S-2   | 3.3           | 1.5      | 2     | 2890        | 81.3          | 0.84           | 2.3              | 7.3              | 2.3               | 26       | ZL-N3        |
| YE2-90L-2   | 4.7           | 2.2      | 3     | 2890        | 83.2          | 0.85           | 2.3              | 7.6              | 2.3               | 29       | ZL-N4        |
| YE2-100L-2  | 6.2           | 3        | 4     | 2890        | 84.6          | 0.87           | 2.2              | 7.8              | 2.3               | 43       | ZL-N5        |
| YE2-112M-2  | 8             | 4        | 5.5   | 2900        | 85.8          | 0.88           | 2.2              | 8.1              | 2.3               | 51       | ZL-N6        |
| YE2-132S1-2 | 10.9          | 5.5      | 7.5   | 2925        | 87.0          | 0.88           | 2.2              | 8.2              | 2.3               | 76       | ZL-N7        |
| YE2-132S2-2 | 14.5          | 7.5      | 10    | 2925        | 88.1          | 0.89           | 2.2              | 7.8              | 2.3               | 84       | ZL-N8        |
| YE2-160M1-2 | 21            | 11       | 15    | 2940        | 89.4          | 0.89           | 2.2              | 7.9              | 2.3               | 128      | ZL-N9        |
| YE2-160M2-2 | 28.4          | 15       | 20    | 2940        | 90.3          | 0.89           | 2.2              | 7.9              | 2.3               | 140      | ZL-N10       |
| YE2-160L-2  | 34.7          | 18.5     | 25    | 2940        | 90.9          | 0.89           | 2.2              | 8                | 2.3               | 155      | ZL-N11       |
| YE2-180M-2  | 41.1          | 22       | 30    | 2955        | 91.3          | 0.89           | 2.2              | 8.1              | 2.3               | 192      | ZL-N12       |
| YE2-200L1-2 | 55.7          | 30       | 40    | 2960        | 92.0          | 0.89           | 2.0              | 7.5              | 2.3               | 246      | ZL-N13       |
| YE2-200L2-2 | 68.3          | 37       | 50    | 2960        | 92.5          | 0.89           | 2.0              | 7.5              | 2.3               | 267      | ZL-N14       |
| YE2-225M-2  | 82.7          | 45       | 60    | 2960        | 92.9          | 0.89           | 2.2              | 7.5              | 2.3               | 353      | ZL-N15       |
| YE2-250M-2  | 100.7         | 55       | 75    | 2970        | 93.2          | 0.89           | 2.2              | 7.6              | 2.3               | 408      | ZL-N16       |
| YE2-280S-2  | 136.5         | 75       | 100   | 2975        | 93.8          | 0.89           | 1.8              | 6.9              | 2.3               | 548      | ZL-N17       |
| YE2-280M-2  | 163.3         | 90       | 120   | 2975        | 94.1          | 0.89           | 1.8              | 6.9              | 2.3               | 596      | ZL-N18       |
| YE2-80M1-4  | 1.9           | 0.75     | 1     | 1420        | 79.6          | 0.76           | 2.3              | 6.4              | 2.3               | 22       | ZL-N19       |
| YE2-90S-4   | 2.7           | 1.1      | 1.5   | 1430        | 81.4          | 0.77           | 2.3              | 6.6              | 2.3               | 27       | ZL-N20       |
| YE2-90L-4   | 3.5           | 1.5      | 2     | 1430        | 82.8          | 0.78           | 2.3              | 6.7              | 2.3               | 32       | ZL-N21       |
| YE2-100L1-4 | 5             | 2.2      | 3     | 1445        | 84.3          | 0.80           | 2.3              | 7.3              | 2.3               | 44       | ZL-N22       |
| YE2-100L2-4 | 6.6           | 3        | 4     | 1445        | 85.5          | 0.81           | 2.3              | 7.5              | 2.3               | 49       | ZL-N23       |
| YE2-112M-4  | 8.7           | 4        | 5.5   | 1450        | 86.6          | 0.81           | 2.3              | 7.5              | 2.3               | 56       | ZL-N24       |
| YE2-132S-4  | 11.6          | 5.5      | 7.5   | 1460        | 87.7          | 0.82           | 2.0              | 7.5              | 2.3               | 81       | ZL-N25       |
| YE2-132M-4  | 15.5          | 7.5      | 10    | 1460        | 88.7          | 0.83           | 2.0              | 7.3              | 2.3               | 91       | ZL-N26       |
| YE2-160M-4  | 22.4          | 11       | 15    | 1470        | 89.8          | 0.83           | 2.0              | 7.4              | 2.3               | 141      | ZL-N27       |
| YE2-160L-4  | 29.9          | 15       | 20    | 1470        | 90.6          | 0.84           | 2.0              | 7.5              | 2.3               | 151      | ZL-N28       |
| YE2-180M-4  | 36.3          | 18.5     | 25    | 1470        | 91.2          | 0.85           | 2.0              | 7.6              | 2.3               | 190      | ZL-N29       |
| YE2-180L-4  | 42.9          | 22       | 30    | 1470        | 91.6          | 0.85           | 2.1              | 7.7              | 2.3               | 205      | ZL-N30       |
| YE2-200L-4  | 58.1          | 30       | 40    | 1475        | 92.3          | 0.85           | 2.1              | 7.1              | 2.3               | 275      | ZL-N31       |
| YE2-225S-4  | 70.5          | 37       | 50    | 1480        | 92.7          | 0.86           | 2.1              | 7.3              | 2.3               | 315      | ZL-N32       |
| YE2-225M-4  | 85.4          | 45       | 60    | 1480        | 93.1          | 0.86           | 2.2              | 7.3              | 2.3               | 345      | ZL-N33       |
| YE2-250M-4  | 103.9         | 55       | 75    | 1480        | 93.5          | 0.86           | 2.2              | 7.3              | 2.3               | 421      | ZL-N34       |
| YE2-280S-4  | 139.3         | 75       | 100   | 1485        | 94.0          | 0.87           | 2.2              | 6.8              | 2.3               | 538      | ZL-N35       |
| YE2-280M-4  | 165           | 90       | 120   | 1485        | 94.2          | 0.88           | 2.2              | 6.9              | 2.3               | 638      | ZL-N36       |

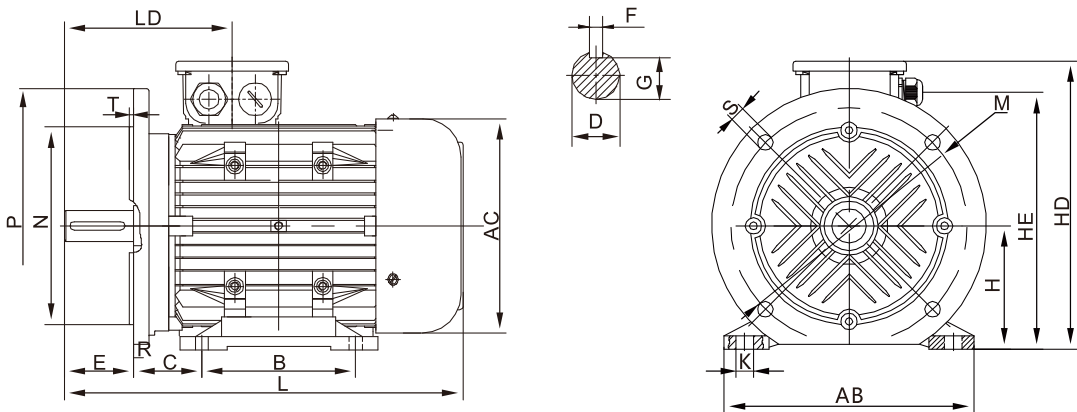
安装尺寸 Installation size



YE2(B3)

| 机座号<br>NO | 数值<br>Number | 安装尺寸 Installation size |       |     |     |    |     |    |      |     |      | 外型尺寸 Overall dimensions |     |       |       |       |     |
|-----------|--------------|------------------------|-------|-----|-----|----|-----|----|------|-----|------|-------------------------|-----|-------|-------|-------|-----|
|           |              | A                      | A/2   | B   | C   | D  | E   | F  | G    | H   | K    | AB                      | AC  | LD    | L     | HE    | HD  |
| 80M       | 2.4          | 125                    | 62.5  | 100 | 50  | 19 | 40  | 6  | 15.5 | 80  | 10   | 160                     | 155 | 112   | 284   | 185   | 217 |
| 90S       | 2.4          | 140                    | 70    | 100 | 56  | 24 | 50  | 8  | 20   | 90  | 10   | 176                     | 175 | 125   | 313   | 209   | 245 |
| 90L       | 2.4          | 140                    | 70    | 125 | 56  | 24 | 50  | 8  | 20   | 90  | 10   | 176                     | 175 | 125   | 383   | 209   | 245 |
| 100L      | 2            | 160                    | 80    | 140 | 63  | 28 | 60  | 8  | 24   | 100 | 12   | 200                     | 195 | 139   | 380   | 233   | 269 |
| 100L      | 4            | 160                    | 80    | 140 | 63  | 28 | 60  | 8  | 24   | 100 | 12   | 200                     | 195 | 139   | 434.5 | 233   | 269 |
| 112M      | 2            | 190                    | 95    | 140 | 70  | 28 | 60  | 8  | 24   | 112 | 12   | 226                     | 219 | 142.5 | 394   | 263.5 | 304 |
| 112M      | 4            | 190                    | 95    | 140 | 70  | 28 | 60  | 8  | 24   | 112 | 12   | 226                     | 219 | 142.5 | 462   | 263.5 | 304 |
| 132S      | 2            | 216                    | 108   | 140 | 89  | 38 | 80  | 10 | 33   | 132 | 12   | 262                     | 258 | 175   | 4625  | 303   | 344 |
| 132M      | 2.4          | 216                    | 108   | 178 | 89  | 38 | 80  | 10 | 33   | 132 | 12   | 262                     | 258 | 175   | 4625  | 303   | 344 |
| 160M      | 2.4          | 254                    | 127   | 210 | 108 | 42 | 110 | 12 | 37   | 160 | 14.5 | 314                     | 315 | 256.5 | 610   | 373   | 420 |
| 160L      | 2.4          | 254                    | 127   | 254 | 108 | 42 | 110 | 12 | 37   | 160 | 14.5 | 314                     | 315 | 256.5 | 654   | 373   | 420 |
| 180M      | 2.4          | 279                    | 139.5 | 241 | 121 | 48 | 110 | 14 | 42.5 | 180 | 14.5 | 349                     | 355 | 272   | 687   | 410   | 457 |
| 180L      | 2.4          | 279                    | 139.5 | 279 | 121 | 48 | 110 | 14 | 42.5 | 180 | 14.5 | 349                     | 355 | 272   | 725   | 410   | 457 |
| 200L      | 2.4          | 318                    | 159   | 305 | 133 | 55 | 110 | 16 | 49   | 200 | 18.5 | 388                     | 397 | 297   | 771   | 450   | 508 |
| 225S      | 4            | 356                    | 178   | 286 | 149 | 60 | 140 | 18 | 53   | 225 | 18.5 | 431                     | 445 | 328   | 809   | 497   | 556 |
| 225M      | 2            | 356                    | 178   | 311 | 149 | 55 | 110 | 16 | 49   | 225 | 18.5 | 431                     | 445 | 298   | 804   | 497   | 556 |
| 225M      | 4            | 356                    | 178   | 311 | 149 | 60 | 140 | 18 | 53   | 225 | 18.5 | 431                     | 445 | 328   | 834   | 497   | 556 |
| 250M      | 2            | 406                    | 203   | 349 | 168 | 60 | 140 | 18 | 53   | 250 | 24   | 484                     | 484 | 346.5 | 909   | 552   | 617 |
| 250M      | 4            | 406                    | 203   | 349 | 168 | 65 | 140 | 18 | 58   | 250 | 24   | 484                     | 484 | 346.5 | 909   | 552   | 617 |
| 280S      | 2            | 457                    | 228.5 | 368 | 190 | 65 | 140 | 18 | 58   | 280 | 24   | 542                     | 547 | 356   | 970   | 610   | 675 |
| 280S      | 4            | 457                    | 228.5 | 368 | 190 | 75 | 140 | 20 | 67.5 | 280 | 24   | 542                     | 547 | 356   | 970   | 610   | 675 |
| 280M      | 2            | 457                    | 228.5 | 419 | 190 | 65 | 140 | 18 | 58   | 280 | 24   | 542                     | 547 | 356   | 1021  | 610   | 675 |
| 280M      | 4            | 457                    | 228.5 | 419 | 190 | 75 | 140 | 20 | 67.5 | 280 | 24   | 542                     | 547 | 356   | 1021  | 610   | 675 |

安装尺寸 Installation size



YE2(B5)

| 机座号<br>NO | 数值<br>Number | 安装尺寸 Installation size |     |   |     |    |      |        |      |     |     | 外型尺寸 Overall dimensions |       |     |     |     |
|-----------|--------------|------------------------|-----|---|-----|----|------|--------|------|-----|-----|-------------------------|-------|-----|-----|-----|
|           |              | D                      | E   | T | N   | F  | G    | Flange | S    | P   | M   | AC                      | LD    | L   | HD  | HE  |
| 160M      | 2.4          | 42                     | 110 | 5 | 250 | 12 | 37   | 4      | 18.5 | 350 | 300 | 315                     | 256.5 | 610 | 260 | 213 |
| 160L      | 2.4          | 42                     | 110 | 5 | 250 | 12 | 37   | 4      | 18.5 | 350 | 300 | 315                     | 256.5 | 654 | 260 | 213 |
| 180M      | 2.4          | 48                     | 110 | 5 | 250 | 14 | 42.5 | 4      | 18.5 | 350 | 300 | 355                     | 272   | 687 | 277 | 230 |
| 180L      | 2.4          | 48                     | 110 | 5 | 250 | 14 | 42.5 | 4      | 18.5 | 350 | 300 | 355                     | 272   | 725 | 277 | 230 |
| 200L      | 2.4          | 55                     | 110 | 5 | 300 | 16 | 49   | 4      | 18.5 | 400 | 350 | 397                     | 297   | 771 | 308 | 250 |
| 225S      | 4            | 60                     | 140 | 5 | 350 | 18 | 53   | 8      | 18.5 | 450 | 400 | 445                     | 328   | 809 | 331 | 272 |
| 225M      | 2            | 55                     | 110 | 5 | 350 | 16 | 49   | 8      | 18.5 | 450 | 400 | 445                     | 298   | 804 | 331 | 272 |
| 225M      | 4            | 60                     | 140 | 5 | 350 | 18 | 53   | 8      | 18.5 | 450 | 400 | 445                     | 328   | 834 | 331 | 272 |
| 250M      | 2            | 60                     | 140 | 5 | 450 | 18 | 53   | 8      | 18.5 | 550 | 500 | 484                     | 346.5 | 909 | 367 | 302 |
| 250M      | 4            | 65                     | 140 | 5 | 450 | 18 | 58   | 8      | 18.5 | 550 | 500 | 484                     | 346.5 | 909 | 367 | 302 |
| 280S      | 2            | 65                     | 140 | 5 | 450 | 18 | 58   | 8      | 18.5 | 550 | 500 | 547                     | 356   | 970 | 395 | 330 |
| 280S      | 4            | 75                     | 140 | 5 | 450 | 20 | 67.5 | 8      | 18.5 | 550 | 500 | 547                     | 356   | 970 | 395 | 330 |



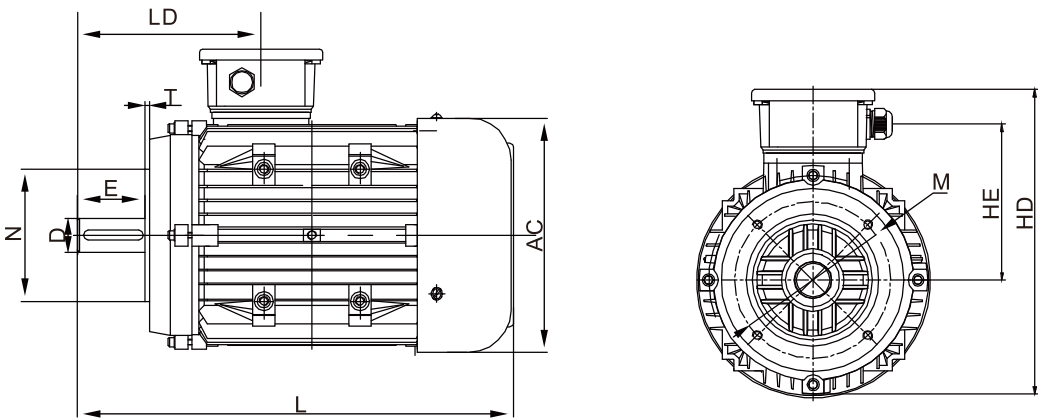


ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

IEC标准电机系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

安装尺寸 Installation size



YE2(B14 )

| 机座号<br>NO | 数值<br>Number | 安装尺寸 Installation size |    |     |     |        |     |     | 外型尺寸 Overall dimensions |      |     |       |       |
|-----------|--------------|------------------------|----|-----|-----|--------|-----|-----|-------------------------|------|-----|-------|-------|
|           |              | D                      | E  | T   | N   | Flange | S   | M   | HD                      | HE   | AC  | L     | LD    |
| 80M       | 2            | 19                     | 40 | 3   | 80  | 4      | M6  | 100 | 182                     | 65   | 148 | 284   | 118   |
| 90S       | 2            | 24                     | 50 | 3   | 95  | 4      | M8  | 115 | 204                     | 73.5 | 171 | 337   | 143.5 |
| 90L       | 2            | 24                     | 50 | 3   | 95  | 4      | M8  | 115 |                         |      |     |       |       |
| 100L      | 2            | 28                     | 60 | 3.5 | 110 | 4      | M8  | 130 | 229                     | 86   | 196 | 397   | 165   |
| 112M      | 2            | 28                     | 60 | 3.5 | 110 | 4      | M8  | 130 | 256                     | 99   | 215 | 401.5 | 167.5 |
| 132       | 2            | 38                     | 80 | 3.5 | 130 | 4      | M10 | 165 | 295.5                   | 116  | 257 | 462.5 | 194.5 |

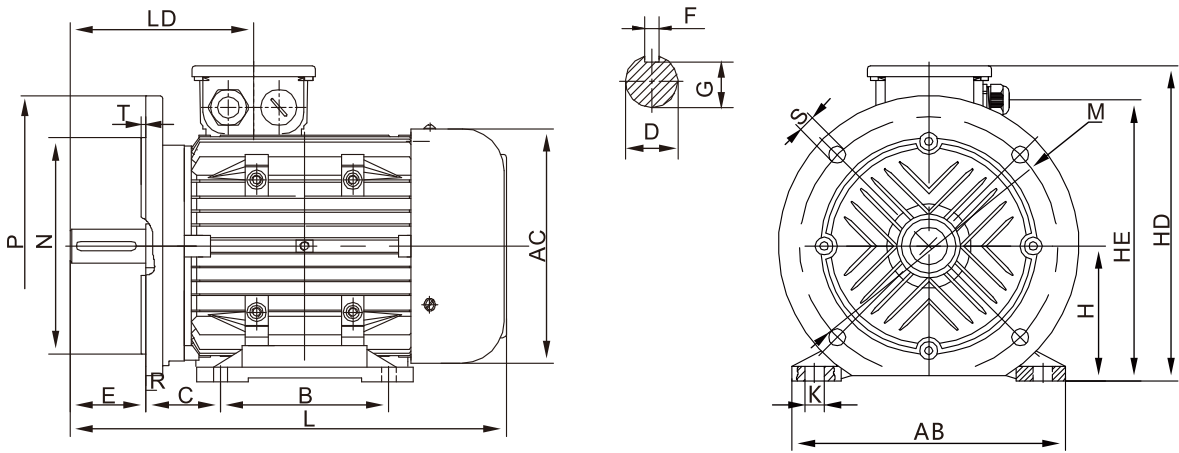


ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

IEC标准电机系列

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

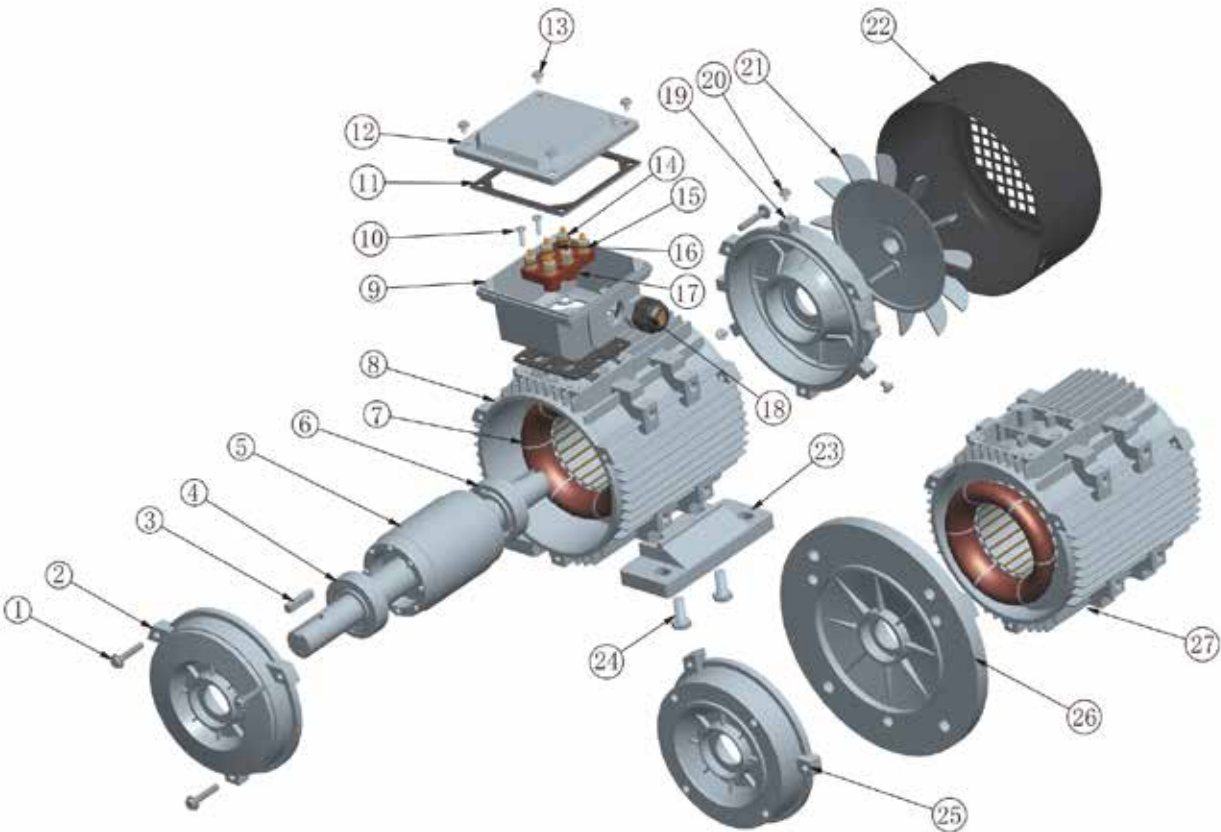
安装尺寸 Installation size



YE2(B35 )

| 机座号<br>NO | 数值<br>Number | 安装尺寸 Installation size |       |     |     |    |     |    |      |     |      |     |     |     |   |      |     |        | 外型尺寸 Overall dimensions |     |       |       |       |     |
|-----------|--------------|------------------------|-------|-----|-----|----|-----|----|------|-----|------|-----|-----|-----|---|------|-----|--------|-------------------------|-----|-------|-------|-------|-----|
|           |              | A                      | A/2   | B   | C   | D  | E   | F  | G    | H   | K    | M   | N   | P   | R | S    | T   | Flange | AB                      | AC  | LD    | L     | HE    | HD  |
| 80M       | 2.4          | 125                    | 62.5  | 100 | 50  | 19 | 40  | 6  | 15.5 | 80  | 10   | 165 | 130 | 200 | 0 | 12   | 3.5 | 4      | 160                     | 155 | 112   | 284   | 185   | 217 |
| 90S       | 2.4          | 140                    | 70    | 100 | 56  | 24 | 50  | 8  | 20   | 90  | 10   | 165 | 130 | 200 | 0 | 12   | 3.5 | 4      | 176                     | 175 | 125   | 313   | 209   | 245 |
| 90L       | 2.4          | 140                    | 70    | 125 | 56  | 24 | 50  | 8  | 20   | 90  | 10   | 165 | 130 | 200 | 0 | 12   | 3.5 | 4      | 176                     | 175 | 125   | 383   | 209   | 245 |
| 100L      | 2            | 160                    | 80    | 140 | 63  | 28 | 60  | 8  | 24   | 100 | 12   | 215 | 180 | 250 | 0 | 14.5 | 4   | 4      | 200                     | 195 | 139   | 380   | 233   | 269 |
| 100L      | 4            | 160                    | 80    | 140 | 63  | 28 | 60  | 8  | 24   | 100 | 12   | 215 | 180 | 250 | 0 | 14.5 | 4   | 4      | 200                     | 195 | 139   | 434.5 | 233   | 269 |
| 112M      | 2            | 190                    | 95    | 140 | 70  | 28 | 60  | 8  | 24   | 112 | 12   | 215 | 180 | 250 | 0 | 14.5 | 4   | 4      | 226                     | 219 | 142.5 | 394   | 263.5 | 304 |
| 112M      | 4            | 190                    | 95    | 140 | 70  | 28 | 60  | 8  | 24   | 112 | 12   | 215 | 180 | 250 | 0 | 14.5 | 4   | 4      | 226                     | 219 | 142.5 | 462   | 263.5 | 304 |
| 132S      | 2.4          | 216                    | 108   | 140 | 89  | 38 | 80  | 10 | 33   | 132 | 12   | 265 | 230 | 300 | 0 | 14.5 | 4   | 4      | 262                     | 258 | 175   | 4625  | 303   | 344 |
| 132M      | 2.4          | 216                    | 108   | 178 | 89  | 38 | 80  | 10 | 33   | 132 | 12   | 265 | 230 | 300 | 0 | 14.5 | 4   | 4      | 262                     | 258 | 175   | 4625  | 303   | 344 |
| 160M      | 2.4          | 254                    | 127   | 210 | 108 | 42 | 110 | 12 | 37   | 160 | 14.5 | 300 | 250 | 350 | 0 | 18.5 | 5   | 4      | 314                     | 315 | 256.5 | 610   | 373   | 420 |
| 160L      | 2.4          | 254                    | 127   | 254 | 108 | 42 | 110 | 12 | 37   | 160 | 14.5 | 300 | 250 | 350 | 0 | 18.5 | 5   | 4      | 314                     | 315 | 256.5 | 654   | 373   | 420 |
| 180M      | 2.4          | 279                    | 139.5 | 241 | 121 | 48 | 110 | 14 | 42.5 | 180 | 14.5 | 300 | 250 | 350 | 0 | 18.5 | 5   | 4      | 349                     | 355 | 272   | 687   | 410   | 457 |
| 180L      | 2.4          | 279                    | 139.5 | 279 | 121 | 48 | 110 | 14 | 42.5 | 180 | 14.5 | 300 | 250 | 350 | 0 | 18.5 | 5   | 4      | 349                     | 355 | 272   | 725   | 410   | 457 |
| 200L      | 2.4          | 318                    | 159   | 305 | 133 | 55 | 110 | 16 | 49   | 200 | 18.5 | 350 | 300 | 400 | 0 | 18.5 | 5   | 4      | 388                     | 397 | 297   | 771   | 450   | 508 |
| 225S      | 4            | 356                    | 178   | 286 | 149 | 60 | 140 | 18 | 53   | 225 | 18.5 | 400 | 350 | 450 | 0 | 18.5 | 5   | 8      | 431                     | 445 | 328   | 809   | 497   | 556 |
| 225M      | 2            | 356                    | 178   | 311 | 149 | 55 | 110 | 16 | 49   | 225 | 18.5 | 400 | 350 | 450 | 0 | 18.5 | 5   | 8      | 431                     | 445 | 298   | 804   | 497   | 556 |
| 225M      | 4            | 356                    | 178   | 311 | 149 | 60 | 140 | 18 | 53   | 225 | 18.5 | 400 | 350 | 450 | 0 | 18.5 | 5   | 8      | 431                     | 445 | 328   | 834   | 497   | 556 |
| 250M      | 2            | 406                    | 203   | 349 | 168 | 60 | 140 | 18 | 53   | 250 | 24   | 500 | 450 | 550 | 0 | 18.5 | 5   | 8      | 484                     | 484 | 346.5 | 909   | 552   | 617 |
| 250M      | 4            | 406                    | 203   | 349 | 168 | 65 | 140 | 18 | 58   | 250 | 24   | 500 | 450 | 550 | 0 | 18.5 | 5   | 8      | 484                     | 484 | 346.5 | 909   | 552   | 617 |
| 280S      | 2            | 457                    | 228.5 | 368 | 190 | 65 | 140 | 18 | 58   | 280 | 24   | 500 | 450 | 550 | 0 | 18.5 | 5   | 8      | 542                     | 547 | 356   | 970   | 610   | 675 |
| 280S      | 4            | 457                    | 228.5 | 368 | 190 | 75 | 140 | 20 | 67.5 | 280 | 24   | 500 | 450 | 550 | 0 | 18.5 | 5   | 8      | 542                     | 547 | 356   | 970   | 610   | 675 |
| 280M      | 2            | 457                    | 228.5 | 419 | 190 | 65 | 140 | 18 | 58   | 280 | 24   | 500 | 450 | 550 | 0 | 18.5 | 5   | 8      | 542                     | 547 | 356   | 1021  | 610   | 675 |
| 280M      | 4            | 457                    | 228.5 | 419 | 190 | 75 | 140 | 20 | 67.5 | 280 | 24   | 500 | 450 | 550 | 0 | 18.5 | 5   | 8      | 542                     | 547 | 356   | 1021  | 610   | 675 |

爆炸图 Explosion map



| No. | Part Desc.          | No. | Part Desc.         | No. | Part Desc.     |
|-----|---------------------|-----|--------------------|-----|----------------|
| 1   | bolt                | 11  | sealing gasket     | 21  | fan            |
| 2   | front shield        | 12  | terminal box cover | 22  | fan cover      |
| 3   | key                 | 13  | screw              | 23  | removable feet |
| 4   | beraring            | 14  | nut                | 24  | bolt           |
| 5   | rotor               | 15  | washer             | 25  | b14 flange     |
| 6   | bearing             | 16  | connection plate   | 26  | b5 flange      |
| 7   | stator with winding | 17  | terminal board     | 27  | vertical frame |
| 8   | frame               | 18  | cable gland        |     |                |
| 9   | terminal box        | 19  | end shield         |     |                |
| 10  | screw               | 20  | screw              |     |                |

多速变极电机  
Multi Pole  
Variable speed motor



特征

- 1.IEC标准压铸机壳，拉升铝合金机壳。
- 2.全封闭风扇冷却，防护等级IP55
- 3.安装类型:B3 B14 B35 B34.
- 4.绝缘等级: F级

Features

- 1.IEC standard,Die csting or extruding aluminum alloy casing.
- 2.Totally enclosed fan cooling,IP55
- 3.Mounting mode:B3, B5,B14, B35 B34.
- 4.Insulation Chass:F

多速变极电机 Multi Pole Variable speed motor

| 功率<br>KW                                           | 极数<br>Pole | 转速<br>RPM | 电压<br>Volts | 座机号<br>Fr | 电流<br>Amps | 效率<br>Eff (%) | 效率 因数<br>Cos.fi | 链接类型<br>connection | 注解<br>Notes | 编码<br>Cat.No |
|----------------------------------------------------|------------|-----------|-------------|-----------|------------|---------------|-----------------|--------------------|-------------|--------------|
| Three Phase-Totally Enclosed fan cooled 三相-全封闭风扇冷却 |            |           |             |           |            |               |                 |                    |             |              |
| 0.55/0.45                                          | 2          | 2860      | 380~415     | 80        | 1.50       | 65            | 0.85            | Y                  | D/E         | ZL-U1        |
| 0.55/0.45                                          | 4          | 1420      | 380~415     | 80        | 1.40       | 66            | 0.74            | △                  | D/E         | ZL-U2        |
| 0.75/0.55                                          | 2          | 2860      | 380~415     | 80        | 2.00       | 66            | 0.85            | Y                  | D/E         | ZL-U3        |
| 0.75/0.55                                          | 4          | 1420      | 380~415     | 80        | 1.70       | 68            | 0.74            | △                  | D/E         | ZL-U4        |
| 1.1/0.85                                           | 2          | 2860      | 380~415     | 90        | 2.80       | 72            | 0.85            | Y                  | D/E         | ZL-U5        |
| 1.1/0.85                                           | 4          | 1420      | 380~415     | 90        | 2.30       | 74            | 0.77            | △                  | D/E         | ZL-U6        |
| 1.8/1.3                                            | 2          | 2860      | 380~415     | 90        | 4.30       | 74            | 0.85            | Y                  | D/E         | ZL-U7        |
| 1.8/1.3                                            | 4          | 1420      | 380~415     | 90        | 3.30       | 76            | 0.78            | △                  | D/E         | ZL-U8        |
| 2.4/2.0                                            | 2          | 2860      | 380~415     | 100       | 5.60       | 76            | 0.86            | Y                  | D/E         | ZL-U9        |
| 2.4/2.0                                            | 4          | 1420      | 380~415     | 100       | 4.80       | 78            | 0.81            | △                  | D/E         | ZL-U10       |
| 3.0/2.4                                            | 2          | 2860      | 380~415     | 100       | 6.70       | 77            | 0.89            | Y                  | D/E         | ZL-U11       |
| 3.0/2.4                                            | 4          | 1420      | 380~415     | 100       | 5.60       | 79            | 0.83            | △                  | D/E         | ZL-U12       |

- 1. D: Die casting aluminum case /铸铝机壳
- 2. E: Extruding aluminum case /铝拉伸机壳
- 3. R: Feet is removable /底脚可拆卸
- 4. 60HZ and 50/60H is available as special rquirement /频率可专门设计成60HZ和50/160HZ



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

定制化电机

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

# 清洗机专用电机

## Washing machine motor



### 应用领域

工业用清洗设备，家用清洗设备，增压喷雾清洗设备，饭店厨房等清洗设备专用电机。

### Applications

Industrial cleaning equipment, household cleaning equipment, pressurized spray cleaning equipment, Special motor for cleaning equipment such as hotel kitchen.

### 特征

- 1.定制化、满足客户各种需求
- 2.高起动扭矩，低起动电流设计
- 3.配有过载热保护器

### Features

- 1.Single-phase, permanent split capacitor run, high starting torque, low starting amperage design.
- 2.Enclosure, power switch, terminal box is designed with protection degree of IP55 for High washers.
- 3.Equipped with Thermik Thermal overload



ZHENGLI ELECTRIC  
MOTOR CO.,LTD.

定制化电机

PASSION FOR QUALITY. TURNING THE WORLD. 正品质 立天下

### 技术参数 Technical Parameters

| 功率<br>KW                                                         | 转速<br>RPM | 电压<br>Volts | 座机号<br>Fr | 电流<br>Amps | 效率<br>Eff(%) | 效率 因数<br>Cos.fi | 注解<br>Notes | 编码<br>Cat.No |
|------------------------------------------------------------------|-----------|-------------|-----------|------------|--------------|-----------------|-------------|--------------|
| Permanent split capacitor>Total Enclosed fan cooled 电容运转,全封闭风扇冷却 |           |             |           |            |              |                 |             |              |
| 550                                                              | 2800      | 220~240     | 71        | 3.61       | 72           | 0.92            |             | ZL-V1        |
| 550                                                              | 3450      | 110~120     | 71        | 7.22       | 72           | 0.92            |             | ZL-V2        |
| 750                                                              | 2800      | 220~240     | 71        | 4.72       | 75           | 0.92            |             | ZL-V3        |
| 750                                                              | 3450      | 110~120     | 71        | 9.44       | 75           | 0.92            |             | ZL-V4        |
| 1100                                                             | 2800      | 220~240     | 71        | 6.70       | 75           | 0.95            |             | ZL-V5        |
| 1100                                                             | 3450      | 110~120     | 71        | 13.40      | 75           | 0.95            |             | ZL-V6        |
| 1300                                                             | 2800      | 220~240     | 71        | 7.94       | 75           | 0.95            |             | ZL-V7        |
| 1300                                                             | 3450      | 110~120     | 71        | 15.90      | 75           | 0.95            |             | ZL-V8        |
| 1700                                                             | 2800      | 220~240     | 71        | 10.40      | 75           | 0.95            |             | ZL-V9        |
| 1700                                                             | 3450      | 220         | 71        | 10.40      | 75           | 0.95            |             | ZL-V10       |
| 2200                                                             | 2800      | 220~240     | 80        | 13.60      | 77           | 0.95            |             | ZL-V11       |
| 2200                                                             | 3450      | 220         | 80        | 13.60      | 77           | 0.95            |             | ZL-V12       |
| Three Phase-Totally Enclosed fan cooled 三相-全封闭风扇冷却               |           |             |           |            |              |                 |             |              |
| 1100                                                             | 2825      | 380~415     | 80        | 2.58       | 77           | 0.84            |             | ZL-V13       |
| 1100                                                             | 1400      | 220~240     | 90        | 2.80       | 77           | 0.84            |             | ZL-V14       |
| 1500                                                             | 2840      | 380~415     | 90        | 3.39       | 79           | 0.84            |             | ZL-V15       |
| 1500                                                             | 1400      | 220~240     | 90        | 3.65       | 79           | 0.84            |             | ZL-V16       |
| 2200                                                             | 2840      | 380~415     | 90        | 4.85       | 81           | 0.85            |             | ZL-V17       |
| 2200                                                             | 1420      | 220~240     | 100       | 5.05       | 81           | 0.85            |             | ZL-V18       |
| 3000                                                             | 2860      | 380~415     | 100       | 6.31       | 83           | 0.87            |             | ZL-V19       |
| 3000                                                             | 1420      | 220~240     | 100       | 6.64       | 83           | 0.87            |             | ZL-V20       |
| 4000                                                             | 2860      | 380~415     | 112       | 8.13       | 85           | 0.88            |             | ZL-V21       |
| 4000                                                             | 1420      | 220~240     | 112       | 8.62       | 85           | 0.88            |             | ZL-V22       |
| 5500                                                             | 2880      | 380~415     | 132       | 10.70      | 86           | 0.88            |             | ZL-V23       |
| 5500                                                             | 1440      | 220~240     | 132       | 11.50      | 86           | 0.88            |             | ZL-V24       |
| 7500                                                             | 2880      | 380~415     | 132       | 14.90      | 87           | 0.88            |             | ZL-V25       |
| 7500                                                             | 1440      | 220~240     | 132       | 15.30      | 87           | 0.88            |             | ZL-V26       |



交流电机故障分析图 AC Motor Trouble-Shooting Chart

电机加速慢 Motor takes too long to accelerate

| 原因 Like Causes:                       | 如何做 What To DO:                                                                                                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 轴承问题<br>Bad bearings.                 | 应更换有噪音或外表缺陷的轴承<br>Noisy or rough feeling bearings should be replaced.                                                                                                                                                   |
| 电容器不良<br>Defective capacitor          | 按照说明测试电容器<br>Test capacitor per previous instructions.                                                                                                                                                                  |
| 固定开关安装错误<br>Faulty stationary switch. | 检查开关连接，明确开关是否有弹簧<br>Inspect switch contacts and connections. Verify that switch reede have some spring in them.                                                                                                         |
| 电压低<br>Voltage too low.               | 确定电压再铭牌而定值的10%以内。或与电力公司联系，或检查是否其他设备拉走电力。<br>Make sure that the voltage is within 10% of the motor?s nameplate rating.If not,contact power company or check if some other equipment is takong power away from the motor. |

电机初始安装时无法启动 Motor fails to start upon initial installation

| 原因 Like Causes:                                     | 如何做 What To DO:                                                         |
|-----------------------------------------------------|-------------------------------------------------------------------------|
| 风罩与风叶相碰<br>Fan guard bent and contacting fan.       | 替换风罩，或修好风罩<br>Replace fan guard or, if possible,straigten it out.       |
| Motor is miswired.                                  | Verify motor is wired correctly per information supplied with the motor |
| 转子擦膛<br>Motor damaged and rotor is striking stator. | 重新组装<br>May be able to reassemble; otherwise,motor should be replaced.  |

电机转向错误 Motor runs in the wrong direction.

| 原因 Like Causes:           | 如何做 What To DO:                                                  |
|---------------------------|------------------------------------------------------------------|
| 绕阻错误<br>Incorrecr wiring. | 根据参数重新绕阻<br>Rewire motor according to wiring schematic provided. |

保护器跳闸 Motor overload protector continually trips.

| 原因 Like Causes:                          | 如何做 What To DO:                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 电流过高<br>Ambient temperature too high.    | 确保电机有足够空气流冷却，多数电机设计是工作环境温度低于40℃（正常运转电机会发热）<br>Verify that the motor is getting enough air for proper cooling. Most motors are designed to run in an ambient temperature of less than 40 C. (Note: A properly operating motor may be hot to the touch.)                                                                                                                                                                                                 |
| 绕阻缺匝数，接地<br>Winding shorted or grounded. | 检查定子是否有缺陷、松动，切断可能导致定子接地的电线。<br>Inspect stator for defedts, or loose or cut wires that may cause it to go to ground.                                                                                                                                                                                                                                                                                                                                    |
| 保护器缺陷<br>Protector may be defective.     | 替换保护器<br>Replace the motor?s protector with a new one of the same rating.                                                                                                                                                                                                                                                                                                                                                                              |
| 负载过高<br>Load too high.                   | 若电机是替换过的，明确电机和之前电机一样。若之前电机是特殊设计，现有电机可能再性能上无法一致。卸下负载，检查电机空载电流，其数值应小于铭牌上的数值。<br>Verify that the load is not jammed. If motor is a replacement,verify that the rating is the same as the old motor. If previous motor was a spedal design, a stock motor may not able to,duplicate; the performance. Remove the load from the motor and inspect the amp draw of the motor unloaded. It should be less than the full load rating stampen on the nameplate. |

Passion for quality. Turning the world.

交流电机故障分析图 AC Motor Trouble-Shooting Chart

电机正常运行，然后无法启动 Motor has been running, then fails to start.

| 原因 Like Causes:                                                                                                                           | 如何做 What To DO:                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 单相电机上的电容器损坏<br>Capacitor (on single phase motor)may have failed.                                                                          | 取出电容、用伏特欧姆表设置成RX100刻度，将其探头接触电容端子。若电容器正常，指针跳到0刻度，在逐渐上升。若一直停留在0刻度，表示短路，若一直停留在高数值表示开路<br>First discharge capadtor. To check capator,set volt-ohm meter to RX100 scale and touch its probes to capacitor terminals.If capacitor is OK, needle will jump to zero ohms,and drift back to high.Steady zero ohms indicates a short circuit; steady high ohms indicates an open circuit.                     |
| 定子短路或接地。电机会发出嗡嗡声、保护器跳匣。<br>Stator is shorted or went to ground.Motor will make a humming noise and the circuit breaker or fuse will trip. | 拆卸电机，检查线圈和内部连接。损坏的定子会有烧痕。今须更换电机或定子线圈<br>Disassemble motor and inspect windings and internal connedtons.A blown stator will show a bum mark.Motor must be replaced or the stator rewound.                                                                                                                                                                                                            |
| 启动开关损坏<br>Starting switch has failed.                                                                                                     | 拆卸电机，检查离心开关和开关，离心开关应可自由移动确保转子轴上的开关没有松动，检查开关上的触点和连接，若开关上触点有烧痕，需替换开关。<br>Disassemble motor and inspect both the centrifugal and stationary switches. The weights of the centrifugal switch should move in and out freely.switches. Make sure that the switch is not loose on the shaft.Inspect contacts and connections on the stationary switch.Replace switch if the contacts are burned or pitted. |
| 保护器跳匣<br>Fuse or circuit breaker tripped.                                                                                                 | 替换保护器。<br>Replace fuse or reset the breaker.                                                                                                                                                                                                                                                                                                                                                        |
| 电机过载<br>Motor overloaded or load jammed.                                                                                                  | 检查是否有负载，明确电机电流与铭牌上一致<br>Inspect to see that the load is free.Verify amp draw of versus nameplate rating.                                                                                                                                                                                                                                                                                            |

电机运行但逐渐停止。 Motor runs but dies down.

| 原因 Like Causes:         | 如何做 What To DO:                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 电压下降<br>Voltage drop.   | 若电压低于铭牌物定值10%，联看电力公司或检查是还有其它设备拉走电力，若电机使用员外电线连接，确保电线尺寸正确。<br>If voltage is less than 10% of the motor's rating contact power company or check if some other equipment is taking power away from the motor. If motor is run using an extension cord,verify that this extension cord is properly sized for motor's current draw. |
| 负载增加<br>Load increased. | 检查负载没有变化。verfy equipment hasn't got tighter,若是风机设备确保外部空气流不变。<br>Verify the load has not changed. Verify equipment hasn't got tighter, If fan application verify the air flow hasn't changed.                                                                                                                                  |

电机振动 Motor vibrates.

| 原因 Like Causes:                                         | 如何做 What To DO:                                                                                                                                                                                                                                               |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 负载失衡<br>Load out of balance.(Direct drive application.) | 检查电机,确保电机转轴无弯曲。Rule of thurb is , ool runout rer every inch of shortf length<br>Remove motor from load and inspect motor by itself. Verify that motor shaft is not bent. Rule of thumb is .001" runout per every inch of shaft length..                       |
| 转子失衡<br>Rotor out of balance.                           | 空载状态下检查电机，若轴承完好,但有振动,可能是转子装配不良。转子必须更换或重新装配。<br>Inspect motor by itself with no load attached. If it feels rough and vibrates but the bearings are good, it may be that the rotor was improperly balanced at the factory.Rotor must be replaced or rebalanced. |
| 轴承不良<br>Motor bearings defective.                       | 若轴承不良,电机会有噪音。替换轴承，轴承套加润滑油。<br>若轴承有润滑脂配件,则添加润滑脂。<br>Test motor by itself. If bearings are bad, you will hear noise or feel roughness. Replace bearings. Add oil if a sleeve of bearing. Add grease if bearings have grease fittings.                           |
| Motor misaligned to load.                               | Realign load.                                                                                                                                                                                                                                                 |
| 线圈不良<br>Motor may have too much endplay.                | 检查线圈短路或开路。若电流过高、替换电机或线圈。<br>With the motor disconnected from power turned shaft. It should move but with some ristance. If the shaft moves in and out too freely, this may indicate a preload problem and the bearings may need additional shimming.          |

交流电机故障分析图

AC Motor Trouble-Shooting Chart

Winding may be defective.

Test winding for shoted or open circuits.The amps may also be high.  
Replace motor or have stator rewind.

运行电容不良

Run capacitor fail.

| 原因Like Causes:                                                                                        | 如何做What To DO:                                                                     |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 电压过高致电机过载<br>Possible power surge to motor,caused by lightning strike or other high ransient voltage. | 安装过载保护物<br>If a common problem, install surge protector.                           |
| 外部环境过高<br>Ambient temperature too high.                                                               | 确保环境温度没有超过铭牌上的额定值。<br>Verify that ambient does not exceed motor?s nameplate value. |

启动电容连读失败

Start capcitors cintinuously fail.

| 原因Like Causes:                                                                                    | 如何做What To DO:                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 电机工作周期短<br>The motor is being cycled too frequently.                                              | 明确工作周期,电容器制造厂建议启动时长少于20s,每小时启动时长为3秒。<br>安装额定电压较高的电容,或在电容上增加电阻器。<br>Verify duty cycle. Capactor manufacturers recommend no more than 20,three-second starts per hour.<br>Install capaitor with higher voltage rating, or add bleed resistor to the capacitor.      |
| 电机转速不够快<br>The motor is not coming up to speed quickly enough.                                    | 电机型号不对.确保电机需多长时间达到转速。多数单相电机应在3秒内启动达到转速。 否则电容会损坏。<br>Motor may not be sized properly. Verify how long the motor takes to come up to speed.Most single phase capacitor start motors should come up to speed within three seconds.Otherwise the capacitors may fail. |
| 启动开关损坏<br>Starting switch may be defective,preventing the motor from coming out of start winding. | 更换开关<br>Replace switch.                                                                                                                                                                                                                                           |
| 电压低<br>Voltage to motor is too low.                                                               | 确保电压在铭牌额定值的10%之内,若电机额定值208-230v电压须从230V开始计算。<br>Verify that voltage to the motor is within 10% of the nameplate value. If the motor is rated 208-230V, the deviation must be calculated from 230V..                                                               |

电机启动时发出很大的摩擦声响

The motor, at start up, makes a loud rubbing or grinding noise.

| 原因Like Causes:                        | 如何做What To DO:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 转子插膛<br>Rotor may be striking stator. | 先确定运输中电机无损伤。外壳有损坏电机无法修复。若外壳看不出损伤,检查电机定、转子是否有撞击痕迹。若撞击痕迹很明显, 再更换电机。<br>Ensure that motor was not damaged in shipment. Frame damage may not be repairable.If you cannot see physical damage,inspect the motor's rotor and stator for strike marks. If signs of rubbing are present, the motor should be replaced.Sometimes simply disassembling and reassembling motor eliminates rubbing. Endbells are also sometimes knocked out of alignment during transportation . |

轴承连续故障

Bearings continuously fail.

| 原因Like Causes:                                        | 如何做What To DO:                                                                                                                                                                                |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 外部环境温度高<br>High ambient temperature.                  | 若电机是在高温环境使用, 就需要专用的轴承润滑脂。<br>If the motor is used in a high ambient, a different type of bearing grease may be required.<br>You may need to consult the factory or a bearing distributor.     |
| 电机负载<br>Load to motor may be excessive or unbalanced. | 限于检查负载状况, 还要检查驱动皮带轮张力, 使其不要太紧。<br>Besides cheking load, also inspect drive belt tension to ensure it's not too tight may be to high. An unbalanced load will also cause the bearings to fail. |

Passion for quality. Turning the world.

SPECIFICATION TABLE

SQUIRREL CAGE INDUCTION MOTOR

电机订购规格表（鼠笼式感应电动机）

|            |       |           |       |
|------------|-------|-----------|-------|
| CUSTOMER   | ----  | USER      | ----- |
| INQ NO.    | ----- | EQUIPMENT | ----- |
| JOB NO.    | ----- | MACHINE   | ----- |
| TOTAL SETS | ----- | ITEN NO.  | ----- |

| ITEM | TERMS                  | DESCRIPTION                                                                                                                                                           |           |                                     |                       |                                  |
|------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------|-----------------------|----------------------------------|
| 1    | EMZ Model              |                                                                                                                                                                       |           |                                     |                       |                                  |
| 2    | Code or Standard       | Dimensions                                                                                                                                                            | Frame No. | Assingnment                         | Performance           | Test                             |
|      |                        |                                                                                                                                                                       |           |                                     |                       |                                  |
| 3    | Rating                 | _____ Pole<br>_____ Phase                                                                                                                                             |           | _____ HP<br>_____ HZ                | _____ K<br>_____ Volt |                                  |
| 4    | Service Duty           | <input type="checkbox"/> Cont.                                                                                                                                        |           | <input type="checkbox"/> Short-time | _____ min             | <input type="checkbox"/> Special |
| 5    | Starting Method        | Full Voltage Direct On Line                                                                                                                                           |           |                                     |                       |                                  |
| 6    | Capacitor Capacity     | Starting Capacitor: _____ MFD _____ VAC<br>Running Capacitor: _____ MFD _____ VAC                                                                                     |           |                                     |                       |                                  |
| 7    | Rotation               | Facing the Load Side: <input type="checkbox"/> Bi-directional<br><input type="checkbox"/> C.W <input type="checkbox"/> C.C.W                                          |           |                                     |                       |                                  |
| 8    | Drive Method           | <input type="checkbox"/> Direct Coupling <input type="checkbox"/> Belt Drive<br><input type="checkbox"/> Gear Coupling                                                |           |                                     |                       |                                  |
| 9    | Environrnt             | Ambient Temperature: _____ °C _____ °C                                                                                                                                |           |                                     |                       |                                  |
|      |                        | Humidity:Less than _____ %RH                                                                                                                                          |           |                                     |                       |                                  |
|      |                        | Altitude: Up to _____ Meters                                                                                                                                          |           |                                     |                       |                                  |
|      |                        | <input type="checkbox"/> Inside <input type="checkbox"/> Outside                                                                                                      |           |                                     |                       |                                  |
| 10   | Enclosure&Protenction  | IP _____ :                                                                                                                                                            |           |                                     |                       |                                  |
| 11   | Cooling Method         | IC _____ :                                                                                                                                                            |           |                                     |                       |                                  |
| 12   | Mounting               | IM _____ : <input type="checkbox"/> VS. <input type="checkbox"/> HS. <input type="checkbox"/> Foot: <input type="checkbox"/> C-Face <input type="checkbox"/> D-flange |           |                                     |                       |                                  |
| 13   | Dimensions             | Dr#                                                                                                                                                                   |           | Farme No.                           |                       |                                  |
| 14   | Frame&Bracket Material | Farme : _____                                                                                                                                                         |           | Bracket:                            |                       |                                  |
| 15   | Fan&Fan Cover Material | Fan : _____                                                                                                                                                           |           | Fan Cover:                          |                       |                                  |
| 16   | Terminal Box Material  | _____ .                                                                                                                                                               |           |                                     |                       |                                  |
| 17   | Leads Terminals        | _____ PCS                                                                                                                                                             |           |                                     |                       |                                  |
| 18   | Nameplate Material     |                                                                                                                                                                       |           |                                     |                       |                                  |
| 19   | Bearings&Lubricant     | DE: _____                                                                                                                                                             |           | NDE: _____                          | _____ Grease          |                                  |
| 20   | Painting               | Colour :                                                                                                                                                              |           |                                     |                       |                                  |
| 21   | Station Winding        | Insulation Class :                                                                                                                                                    |           |                                     |                       |                                  |
| 22   | Rotor                  | <input type="checkbox"/> Al Die-Cast <input type="checkbox"/> Copper Alloy                                                                                            |           |                                     |                       |                                  |
| 23   | Full Load Performance  | Hz                                                                                                                                                                    |           |                                     |                       |                                  |
|      |                        | Volt                                                                                                                                                                  |           |                                     |                       |                                  |
|      |                        | Amp                                                                                                                                                                   |           |                                     |                       |                                  |
|      |                        | Eff.%                                                                                                                                                                 |           |                                     |                       |                                  |
|      |                        | P.F.%                                                                                                                                                                 |           |                                     |                       |                                  |
|      |                        | R.P.M                                                                                                                                                                 |           |                                     |                       |                                  |
|      |                        | Temp.Rise Limit(R)Stator:                                                                                                                                             |           |                                     |                       |                                  |
| 24   | Sarting Performance    | Is. _____ Amp.                                                                                                                                                        |           |                                     |                       |                                  |
|      |                        | Ts.                                                                                                                                                                   |           | %FLT                                |                       |                                  |
| 25   | Breakdown Torque       | Tm.                                                                                                                                                                   |           | %FLT                                |                       |                                  |
| 26   | Notice                 | 1.Tolerance According to _____ .                                                                                                                                      |           |                                     |                       |                                  |

# Passion for quality. Turning the world.

正品质·立天下

用我们真诚的微笑，  
换取客户对我们服务的满意；

