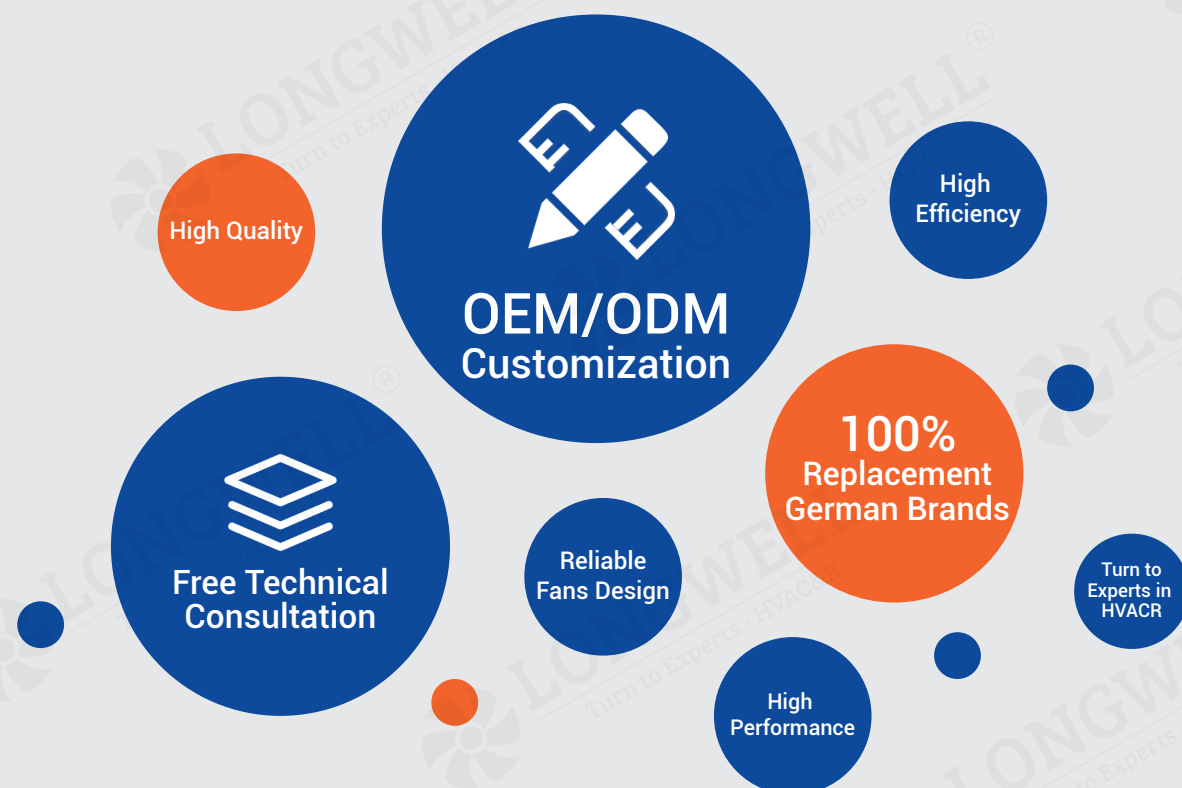


Delivery Premium Quality Fans Globally for Healthier Breathing

World's Largest Selection of Fan Products  
World's Most Comprehensive Fan Solutions



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**LONGWELL TECHNOLOGY**

*"Born for High-Quality Breathing  
LONGWELL Fans Power Your Equipments"*



**Professional Manufacturer of  
HVACR Fan & Motors**

—— LWYE3 Series Super High Efficiency  
Three Phase Asynchronous Motor

**Longwell Group**

Longwell-China  
Longwell-USA  
Longwell-Russia  
Longwell-Europe

# About Longwell

Born for High-Quality Breathing, LONGWELL Fans Power Your Equipment

OEM for Well-Known Brands

Supplies Fortune 500 Companies

Global Technical Support

LONGWELL is a leading fan manufacturer, specializing in high-quality fans, blowers, motors, and components for heating, ventilation, air conditioning, and refrigeration applications. We have a strong presence in delivery capabilities, design and R&D capabilities, as well as manufacturing, placing us at the forefront of the industry.

Our product range includes EC/DC/AC centrifugal fans, axial fans, AC/BLDC cross-flow fans, single/double forward curved fans, AC/BLDC/ECM motors, and industrial fan blowers. Since our establishment in 1990, we have continuously upgraded our facilities and production capacity, boasting advanced testing labs and production facilities with an annual capacity of millions of fans. With over 20 years of experience, we are highly skilled in the design, development, and manufacture of fans and motors. We export to over 30 countries and serve numerous Fortune 500 clients.

Our facilities and products are compliant with certifications such as ISO9001, ISO14001, BSCI, CE, UL/ETL, CCC, EMC, and LVD. These certifications demonstrate our compliance in quality management, environmental management, social responsibility, and product safety. We are quality-oriented and dedicated to providing products and services that meet international standards. 

Equipped with advanced testing labs and production facilities, including a B&K noise lab, CFD simulation lab, air dynamics test chambers, automatic welding machines, CNC machining centers, and auto robot injection machines, we ensure efficient production and on-time delivery.

As industry leaders, we prioritize technological innovation and efficiency. We employ advanced technologies such as aerodynamics principles and CFD simulation to ensure precise and efficient fan designs. Additionally, we offer customized services to design and manufacture fan systems according to specific customer requirements. Our focus is on providing high-tech, high-efficiency products that meet our customers' needs and contribute to a better future.

At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials to deliver products that are efficient, safe, and reliable. Our brand is widely recognized globally, and we are committed to promoting sustainable development and advancing the efficient fan industry.

LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

193

Staff

40000m<sup>2</sup>

Floor Space

500<sup>+</sup>

Branding Clients

1Million<sup>+</sup> PCS

Annual Outputs

6

Overseas Offices  
on Spot Support

50<sup>+</sup>

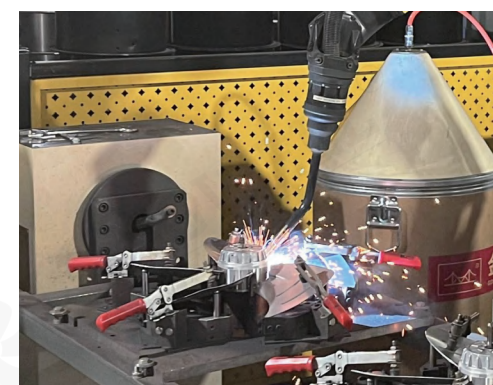
Members  
R&D Team



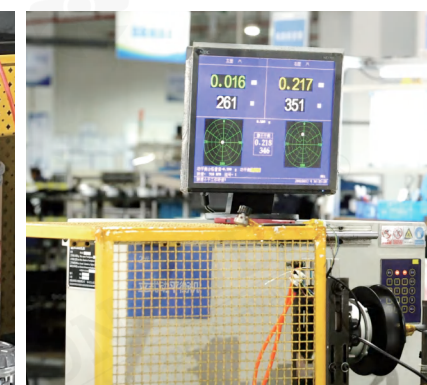
B&K Noise Testing Lab



Production Line



Automatic Welding



Balance Machine



Automatic Welding Machine



Production Line - Centrifugal Fan



Automatic CNC Machine



Air Dynamic Test Lab



Production Line - Axial Fans



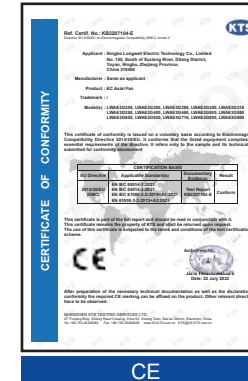
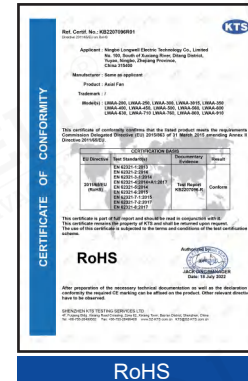
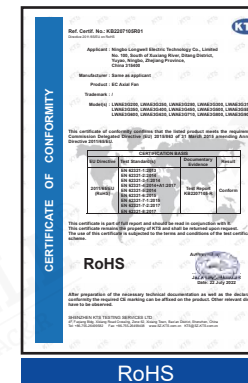
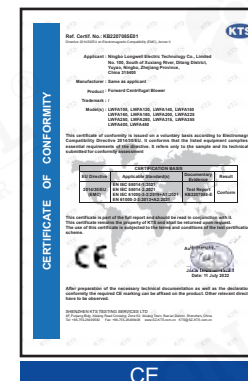
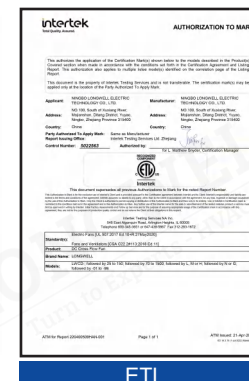
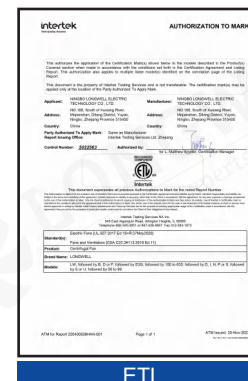
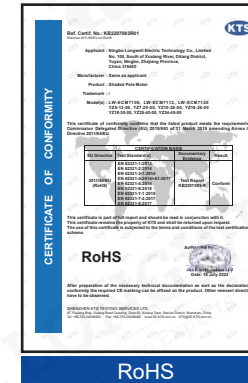
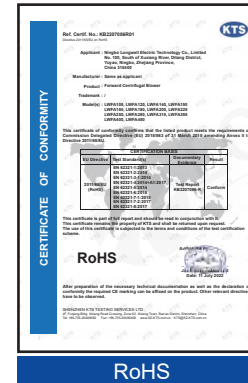
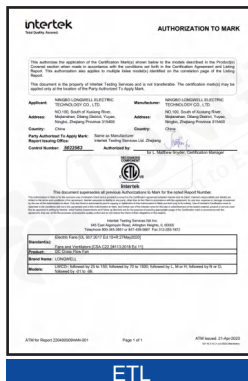
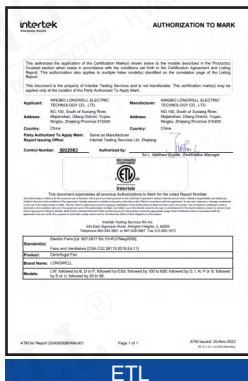
Production Line

# Testing and Standards

- ISO GB/T 19001-2016 idt ISO 9001:2015/GB/T 24001-2016 idt ISO 14001:2015/GB/T 45001-2020 idt ISO 45001:2018
- UL 507:2017 Ed.10+R:27/CSA C22.2#113:2018 Ed.11
- BSCI ANSI C63.4:2014/ANSI C63.4a-2017
- EN IEC 55014-1:2021/EN IEC 55014-2:2021/EN IEC 61000-3-2:2019 +A1:2021  
EN 61000-3-3:2013 +A1:2019 +A2:2021 +AC:2022-01  
EN 60335-2-80:2003 +A1:2004 +A2:2009;  
EN 60335-1:2012 +A1:2014 +A13:2017 +A1:2019+A14:2019 +A2:2019+A15:2021  
EN 62321-1:2013/EN 62321-2:2014/EN 62321-3-1:2014  
EN 62321-4:2014+A1:2017/EN 62321-5:2014/EN 62321-6:2015  
EN 62321-7-1:2015/EN 62321-7-2:2017/EN 62321-8:2017

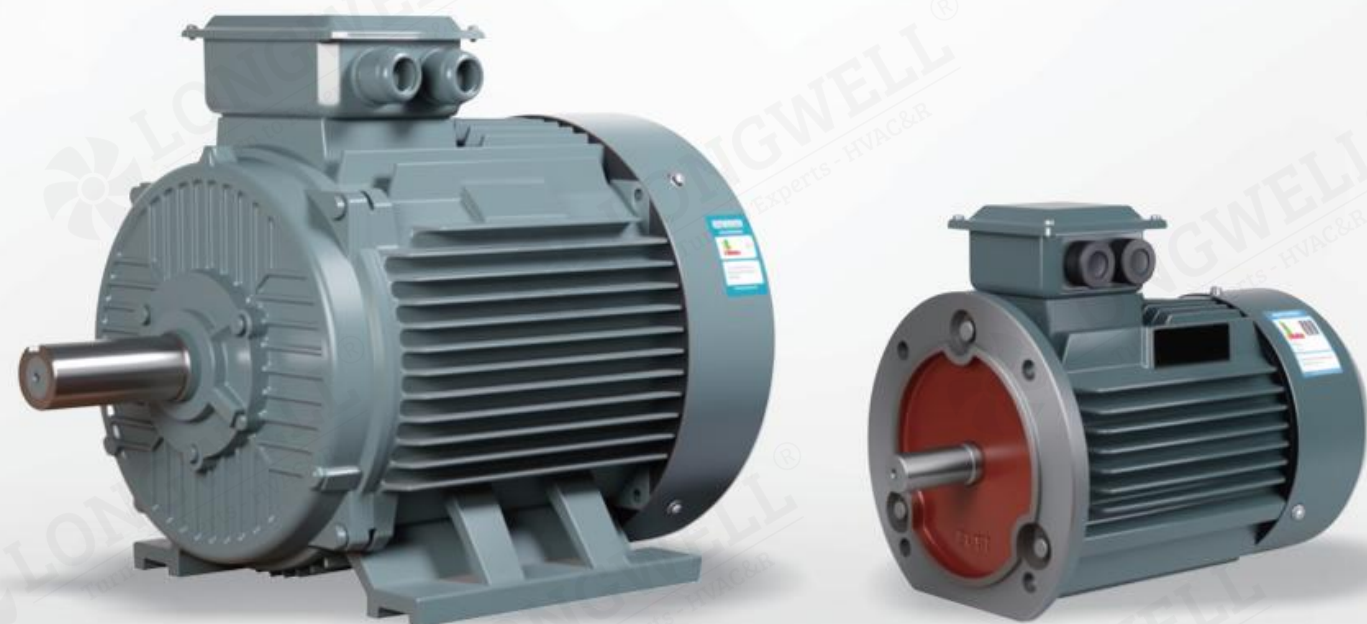


Enterprise Credit Evaluation Certificate - Highest Level in China



## LWYE3 Series Super High Efficiency Three Phase Asynchronous Motor

Professional HVAC Fan & Motors Manufacturer



## Type Code

LW YE3 - 63M1 - 2 - 001

Series Number

Poles

Centre Height of Frame Size

High Efficiency Three Phase Asynchronous Motor

Longwell

# LWYE3 Series Super High Efficiency Three Phase Asynchronous Motor

## Product Overview

LWYE3 series motor is developed with high efficiency in order to meet the requirements of the national energy conservation and emission reduction. It has advantages of high efficiency, low noise and good starting performance. It's widely used in the occasions of no special requirements, also as power mating of mechanical equipments such as compressor, pump, fan industries and so on.

## Technical Parameters

### 1) Basic Parameters

**Centre Height of Frame Size:** 80-355mm

**Power Range:** 0.55-375kw

**Rated Voltage and Frequency:** 380V 50Hz (special should order)

**Protection Class:** IP55

**Insulation Class:** I55(F)

**Duty Type:** S1(continuous), allow starting with full voltage

**Type of Cooling:** IC411

Power 3kw and below is star-connection

Power above 3kw is delta-connection

### 2) Conditions of Use

**Working Ambient Temperature:** -15°C~40°C

**The Altitude:** Not above 1000m

If any special please mention when placing order

## Technical Data of LWYE3 Series Super High Efficiency Three Phase Asynchronous Motor,380V

| Model                      | Rated Power(KW) | Rated Speed(r/min) | Rated Current(A) | Efficiency (η%) | Power Factor(cosΦ) | Locked-rotor Current/Rated Current(Ist/In) | Locked-rotor Torque/Rated Torque(Tst/Tn) | Max Torque Rated Torque (Tmax/Tn) |
|----------------------------|-----------------|--------------------|------------------|-----------------|--------------------|--------------------------------------------|------------------------------------------|-----------------------------------|
| Synhronous speed 3000r/min |                 |                    |                  |                 |                    |                                            |                                          |                                   |
| LWYE3-63M1-2-001           | 0.18            | 2740               | 0.52             | 65.9            | 0.8                | 7.0                                        | 2.3                                      | 2.2                               |
| LWYE3-63M2-2-001           | 0.25            | 2740               | 0.67             | 69.7            | 0.81               | 7.0                                        | 2.3                                      | 2.2                               |
| LWYE3-71M1-2-001           | 0.37            | 2780               | 0.94             | 73.8            | 0.81               | 7.0                                        | 2.3                                      | 2.2                               |
| LWYE3-71M2-2-001           | 0.55            | 2780               | 1.31             | 77.8            | 0.82               | 7.0                                        | 2.3                                      | 2.3                               |
| LWYE3-80M1-2-001           | 0.75            | 2850               | 1.7              | 80.7            | 0.82               | 7.0                                        | 2.3                                      | 2.3                               |
| LWYE3-80M2-2-001           | 1.1             | 2850               | 2.4              | 82.7            | 0.83               | 7.6                                        | 2.2                                      | 2.3                               |
| LWYE3-90S-2-001            | 1.5             | 2890               | 3.2              | 84.2            | 0.84               | 7.9                                        | 2.2                                      | 2.3                               |
| LWYE3-90L-2-001            | 2.2             | 2890               | 4.6              | 85.9            | 0.85               | 7.9                                        | 2.2                                      | 2.3                               |
| LWYE3-100L-2-001           | 3               | 2890               | 6.0              | 87.1            | 0.87               | 8.5                                        | 2.2                                      | 2.3                               |
| LWYE3-112M-2-001           | 4               | 2910               | 7.8              | 88.1            | 0.88               | 8.5                                        | 2.2                                      | 2.3                               |
| LWYE3-132S1-2-001          | 5.5             | 2920               | 10.6             | 89.2            | 0.88               | 8.5                                        | 2.0                                      | 2.3                               |
| LWYE3-132S2-2-001          | 7.5             | 2920               | 14.4             | 90.1            | 0.88               | 8.5                                        | 2.0                                      | 2.3                               |
| LWYE3-160M1-2-001          | 11              | 2940               | 20.6             | 91.2            | 0.89               | 8.5                                        | 2.0                                      | 2.3                               |
| LWYE3-160M2-2-001          | 15              | 2940               | 27.9             | 91.9            | 0.89               | 8.5                                        | 2.0                                      | 2.3                               |
| LWYE3-160L-2-001           | 18.5            | 2940               | 34.2             | 92.4            | 0.89               | 8.5                                        | 2.0                                      | 2.3                               |
| LWYE3-180M-2-001           | 22              | 2955               | 40.5             | 92.7            | 0.89               | 8.5                                        | 2.0                                      | 2.3                               |
| LWYE3-200L1-2-001          | 30              | 2960               | 54.9             | 93.3            | 0.89               | 8.5                                        | 2.0                                      | 2.3                               |
| LWYE3-200L2-2-001          | 37              | 2960               | 67.4             | 93.7            | 0.89               | 8.5                                        | 2.0                                      | 2.3                               |
| LWYE3-225M-2-001           | 45              | 2965               | 80.8             | 94.0            | 0.90               | 8.0                                        | 2.0                                      | 2.3                               |
| LWYE3-250M-2-001           | 55              | 2970               | 98.5             | 94.3            | 0.90               | 8.0                                        | 2.0                                      | 2.3                               |
| LWYE3-280S-2-001           | 75              | 2975               | 134              | 94.7            | 0.90               | 7.5                                        | 1.8                                      | 2.3                               |
| LWYE3-280M-2-001           | 90              | 2975               | 160              | 95.0            | 0.90               | 7.5                                        | 1.8                                      | 2.3                               |
| LWYE3-315S-2-001           | 110             | 2980               | 195              | 95.2            | 0.90               | 7.5                                        | 1.8                                      | 2.3                               |
| LWYE3-315M-2-001           | 132             | 2980               | 234              | 95.4            | 0.90               | 7.5                                        | 1.8                                      | 2.3                               |
| LWYE3-315L1-2-001          | 160             | 2980               | 279              | 95.6            | 0.91               | 7.5                                        | 1.8                                      | 2.3                               |
| LWYE3-315L2-2-001          | 200             | 2980               | 349              | 95.8            | 0.91               | 7.5                                        | 1.8                                      | 2.2                               |
| LWYE3-355M-2-001           | 250             | 2982               | 436              | 95.8            | 0.91               | 7.5                                        | 1.6                                      | 2.2                               |
| LWYE3-355L-2-001           | 315             | 2982               | 549              | 95.8            | 0.91               | 7.5                                        | 1.6                                      | 2.2                               |

Technical Data of LWYE3 Series Super High Efficiency Three Phase Asynchronous Motor,380V

| Model                       | Rated Power(KW) | Rated Speed(r/min) | Rated Current(A) | Efficiency (η%) | Power Factor(cosΦ) | Locked-rotor Current/Rated Current(Ist/In) | Locked-rotor Torque/Rated Torque(Tst/TN) | Max Torque Rated Torque (Tmax/TN) |
|-----------------------------|-----------------|--------------------|------------------|-----------------|--------------------|--------------------------------------------|------------------------------------------|-----------------------------------|
| Synchronous speed 1500r/min |                 |                    |                  |                 |                    |                                            |                                          |                                   |
| LWYE3-63M1-4-001            | 0.12            | 1340               | 0.39             | 64.8            | 0.72               | 6.6                                        | 2.1                                      | 2.2                               |
| LWYE3-63M2-4-001            | 0.18            | 1340               | 0.54             | 69.9            | 0.73               | 6.6                                        | 2.1                                      | 2.2                               |
| LWYE3-71M1-4-001            | 0.25            | 1355               | 0.70             | 73.5            | 0.74               | 6.6                                        | 2.1                                      | 2.2                               |
| LWYE3-71M2-4-001            | 0.37            | 1355               | 0.97             | 77.3            | 0.75               | 6.6                                        | 2.1                                      | 2.2                               |
| LWYE3-80M1-4-001            | 0.55            | 1430               | 1.38             | 80.8            | 0.75               | 6.6                                        | 2.4                                      | 2.3                               |
| LWYE3-80M2-4-001            | 0.75            | 1430               | 1.8              | 82.5            | 0.75               | 6.6                                        | 2.3                                      | 2.3                               |
| LWYE3-90S-4-001             | 1.1             | 1435               | 2.6              | 84.1            | 0.76               | 6.8                                        | 2.3                                      | 2.3                               |
| LWYE3-90L-4-001             | 1.5             | 1435               | 3.5              | 85.3            | 0.77               | 7                                          | 2.3                                      | 2.3                               |
| LWYE3-100L1-4-001           | 2.2             | 1450               | 4.8              | 86.7            | 0.81               | 7.6                                        | 2.3                                      | 2.3                               |
| LWYE3-100L2-4-001           | 3               | 1450               | 6.3              | 87.7            | 0.82               | 7.6                                        | 2.3                                      | 2.3                               |
| LWYE3-112M-4-001            | 4               | 1455               | 8.4              | 88.6            | 0.82               | 7.8                                        | 2.2                                      | 2.3                               |
| LWYE3-132S-4-001            | 5.5             | 1460               | 11.2             | 89.6            | 0.83               | 7.9                                        | 2.0                                      | 2.3                               |
| LWYE3-132M-4-001            | 7.5             | 1460               | 15.0             | 90.4            | 0.84               | 7.5                                        | 2.0                                      | 2.3                               |
| LWYE3-160M-4-001            | 11              | 1470               | 21.5             | 91.4            | 0.85               | 7.7                                        | 2.2                                      | 2.3                               |
| LWYE3-160L-4-001            | 15              | 1470               | 28.8             | 92.1            | 0.86               | 7.8                                        | 2.2                                      | 2.3                               |
| LWYE3-180M-4-001            | 18.5            | 1475               | 35.3             | 92.6            | 0.86               | 7.8                                        | 2.0                                      | 2.3                               |
| LWYE3-180L-4-001            | 22              | 1475               | 41.8             | 93.0            | 0.86               | 7.8                                        | 2.0                                      | 2.3                               |
| LWYE3-200L-4-001            | 30              | 1475               | 56.6             | 93.6            | 0.86               | 7.3                                        | 2.0                                      | 2.3                               |
| LWYE3-225S-4-001            | 37              | 1480               | 69.6             | 93.9            | 0.86               | 7.4                                        | 2.0                                      | 2.3                               |
| LWYE3-225M-4-001            | 45              | 1480               | 84.4             | 94.2            | 0.86               | 7.4                                        | 2.0                                      | 2.3                               |
| LWYE3-250M-4-001            | 55              | 1482               | 103              | 94.6            | 0.86               | 7.4                                        | 2.2                                      | 2.3                               |
| LWYE3-280S-4-001            | 75              | 1485               | 136              | 95.0            | 0.88               | 6.9                                        | 2.0                                      | 2.3                               |
| LWYE3-280M-4-001            | 90              | 1485               | 163              | 95.2            | 0.88               | 6.9                                        | 2.0                                      | 2.3                               |
| LWYE3-315S-4-001            | 110             | 1488               | 197              | 95.4            | 0.89               | 7.0                                        | 2.0                                      | 2.2                               |
| LWYE3-315M-4-001            | 132             | 1488               | 236              | 95.6            | 0.89               | 7.0                                        | 2.0                                      | 2.2                               |
| LWYE3-315L1-4-001           | 160             | 1488               | 285              | 95.8            | 0.89               | 7.1                                        | 2.0                                      | 2.2                               |
| LWYE3-315L2-4-001           | 200             | 1488               | 352              | 96.0            | 0.90               | 7.1                                        | 2.0                                      | 2.2                               |
| LWYE3-355M-4-001            | 250             | 1490               | 440              | 96.0            | 0.90               | 7.1                                        | 2.0                                      | 2.2                               |
| LWYE3-355L-4-001            | 315             | 1490               | 554              | 96.0            | 0.90               | 7.1                                        | 2.0                                      | 2.2                               |

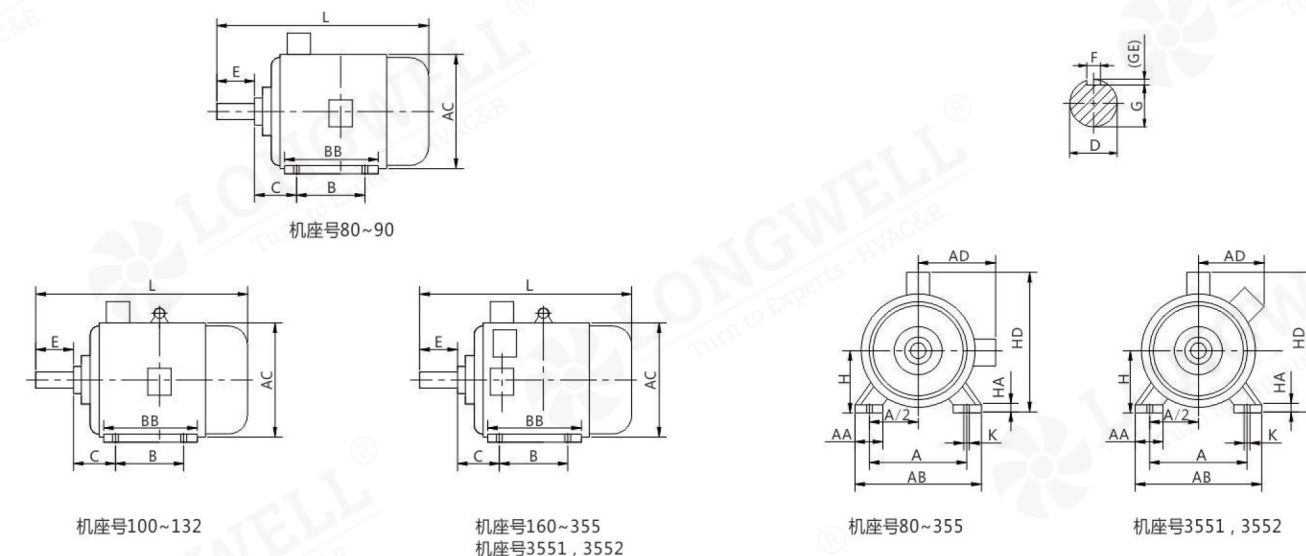
Technical Data of LWYE3 Series Super High Efficiency Three Phase Asynchronous Motor,380V

| Model                       | Rated Power(KW) | Rated Speed(r/min) | Rated Current(A) | Efficiency (η%) | Power Factor(cosΦ) | Locked-rotor Current/Rated Current(Ist/In) | Locked-rotor Torque/Rated Torque(Tst/TN) | Max Torque Rated Torque (Tmax/TN) |
|-----------------------------|-----------------|--------------------|------------------|-----------------|--------------------|--------------------------------------------|------------------------------------------|-----------------------------------|
| Synchronous speed 1000r/min |                 |                    |                  |                 |                    |                                            |                                          |                                   |
| LWYE3-71M1-6-001            | 0.18            | 875                | 0.65             | 63.9            | 0.66               | 6.0                                        | 1.9                                      | 2.0                               |
| LWYE3-71M2-6-001            | 0.25            | 875                | 0.81             | 68.6            | 0.68               | 6.0                                        | 1.9                                      | 2.0                               |
| LWYE3-80M1-6-001            | 0.37            | 900                | 1.09             | 73.5            | 0.70               | 6.0                                        | 1.9                                      | 2.0                               |
| LWYE3-80M2-6-001            | 0.55            | 900                | 0.5              | 77.2            | 0.72               | 6.0                                        | 1.9                                      | 2.1                               |
| LWYE3-90S-6-001             | 0.75            | 930                | 2                | 78.9            | 0.71               | 6.0                                        | 2.0                                      | 2.1                               |
| LWYE3-90L-6-001             | 1.1             | 930                | 2.8              | 81.0            | 0.73               | 6.0                                        | 2.0                                      | 2.1                               |
| LWYE3-100L-6-001            | 1.5             | 950                | 3.8              | 82.5            | 0.73               | 6.5                                        | 2.0                                      | 2.1                               |
| LWYE3-112M-6-001            | 2.2             | 960                | 5.4              | 84.3            | 0.74               | 6.6                                        | 2.0                                      | 2.1                               |
| LWYE3-132S-6-001            | 3               | 970                | 7.2              | 85.6            | 0.74               | 6.8                                        | 2.0                                      | 2.1                               |
| LWYE3-132M1-6-001           | 4               | 970                | 9.5              | 86.8            | 0.74               | 6.8                                        | 2.0                                      | 2.1                               |
| LWYE3-132M2-6-001           | 5.5             | 970                | 12.7             | 88.0            | 0.75               | 7.0                                        | 2.0                                      | 2.1                               |
| LWYE3-160M-6-001            | 7.5             | 975                | 16.2             | 89.1            | 0.79               | 7.0                                        | 2.0                                      | 2.1                               |
| LWYE3-160L-6-001            | 11              | 975                | 23.1             | 90.3            | 0.8                | 7.2                                        | 2.0                                      | 2.1                               |
| LWYE3-180L-6-001            | 15              | 980                | 30.9             | 91.2            | 0.81               | 7.3                                        | 2.0                                      | 2.1                               |
| LWYE3-200L1-6-001           | 18.5            | 980                | 37.8             | 91.7            | 0.81               | 7.3                                        | 2.0                                      | 2.1                               |
| LWYE3-200L2-6-001           | 22              | 980                | 44.8             | 92.2            | 0.81               | 7.4                                        | 2.0                                      | 2.1                               |
| LWYE3-225M-6-001            | 30              | 985                | 59.1             | 92.9            | 0.83               | 6.9                                        | 2.0                                      | 2.1                               |
| LWYE3-250M-6-001            | 37              | 985                | 71.7             | 93.3            | 0.84               | 7.1                                        | 2.0                                      | 2.1                               |
| LWYE3-280S-6-001            | 45              | 990                | 85.8             | 93.7            | 0.85               | 7.3                                        | 2.0                                      | 2.0                               |
| LWYE3-280M-6-001            | 55              | 990                | 103              | 94.1            | 0.86               | 7.3                                        | 2.0                                      | 2.0                               |
| LWYE3-315S-6-001            | 75              | 990                | 143              | 94.6            | 0.84               | 6.6                                        | 2.0                                      | 2.0                               |
| LWYE3-315M-6-001            | 90              | 990                | 170              | 94.9            | 0.85               | 6.7                                        | 2.0                                      | 2.0                               |
| LWYE3-315L1-6-001           | 110             | 990                | 207              | 95.1            | 0.85               | 6.7                                        | 2.0                                      | 2.0                               |
| LWYE3-315L2-6-001           | 132             | 990                | 224              | 95.4            | 0.86               | 6.8                                        | 2.0                                      | 2.0                               |
| LWYE3-355M1-6-001           | 160             | 992                | 296              | 95.6            | 0.86               | 6.8                                        | 1.8                                      | 2.0                               |
| LWYE3-355M2-6-001           | 200             | 992                | 365              | 95.8            | 0.87               | 6.8                                        | 1.8                                      | 2.0                               |
| LWYE3-355L-6-001            | 250             | 992                | 456              | 95.8            | 0.87               | 6.8                                        | 1.8                                      | 2.0                               |

## Technical Data of LWYE3 Series Super High Efficiency Three Phase Asynchronous Motor,380V

| Model                     | Rated Power(KW) | Rated Speed(r/min) | Rated Current(A) | Efficiency (η%) | Power Factor(cosΦ) | Locked-rotor Current/Rated Current(Ist/IN) | Locked-rotor Torque/Rated Torque(Tst/TN) | Max Torque Rated Torque (Tmax/TN) |
|---------------------------|-----------------|--------------------|------------------|-----------------|--------------------|--------------------------------------------|------------------------------------------|-----------------------------------|
| Synhronous speed 750r/min |                 |                    |                  |                 |                    |                                            |                                          |                                   |
| LWYE3-80M1-8-001          | 0.18            | 660                | 0.5              | 58.7            | 0.61               | 5.2                                        | 1.8                                      | 1.9                               |
| LWYE3-80M2-8-001          | 0.25            | 660                | 1.0              | 64.1            | 0.61               | 5.7                                        | 1.8                                      | 1.9                               |
| LWYE3-90S-8-001           | 0.37            | 680                | 1.3              | 70.1            | 0.61               | 6.2                                        | 1.8                                      | 1.9                               |
| LWYE3-90L-8-001           | 0.55            | 680                | 1.9              | 73.0            | 0.61               | 5.9                                        | 1.8                                      | 2.0                               |
| LWYE3-100L1-8-001         | 0.75            | 690                | 2.3              | 75.0            | 0.67               | 6.2                                        | 1.8                                      | 2.0                               |
| LWYE3-100L2-8-001         | 1.1             | 690                | 3.1              | 77.7            | 0.69               | 6.2                                        | 1.8                                      | 2.0                               |
| LWYE3-112M-8-001          | 1.5             | 695                | 4.1              | 79.7            | 0.70               | 6.7                                        | 1.8                                      | 2.0                               |
| LWYE3-132S-8-001          | 2.2             | 710                | 5.7              | 81.9            | 0.71               | 6.7                                        | 1.8                                      | 2.0                               |
| LWYE3-132M-8-001          | 3               | 710                | 7.5              | 83.5            | 0.73               | 6.9                                        | 1.8                                      | 2.0                               |
| LWYE3-160M1-8-001         | 4               | 720                | 9.8              | 84.8            | 0.73               | 6.9                                        | 1.9                                      | 2.0                               |
| LWYE3-160M2-8-001         | 5.5             | 720                | 13.1             | 86.2            | 0.7                | 6.9                                        | 1.9                                      | 2.0                               |
| LWYE3-160L-8-001          | 7.5             | 720                | 17.4             | 87.3            | 0.75               | 6.6                                        | 1.9                                      | 2.0                               |
| LWYE3-180L-8-001          | 11              | 725                | 25.2             | 88.6            | 0.75               | 6.6                                        | 2.0                                      | 2.0                               |
| LWYE3-200L-8-001          | 15              | 730                | 33.5             | 89.6            | 0.76               | 6.8                                        | 2.0                                      | 2.0                               |
| LWYE3-225S-8-001          | 18.5            | 735                | 41.0             | 90.1            | 0.76               | 6.8                                        | 1.9                                      | 2.0                               |
| LWYE3-225M-8-001          | 22              | 735                | 47.3             | 90.6            | 0.78               | 7.0                                        | 1.9                                      | 2.0                               |
| LWYE3-250M-8-001          | 30              | 735                | 63.2             | 91.3            | 0.79               | 6.7                                        | 1.9                                      | 2.0                               |
| LWYE3-280S-8-001          | 37              | 740                | 77.5             | 91.8            | 0.79               | 6.7                                        | 1.9                                      | 2.0                               |
| LWYE3-280M-8-001          | 45              | 740                | 93.9             | 92.2            | 0.79               | 6.7                                        | 1.9                                      | 2.0                               |
| LWYE3-315S-8-001          | 55              | 740                | 112              | 92.5            | 0.81               | 6.8                                        | 1.8                                      | 2.0                               |
| LWYE3-315M-8-001          | 75              | 740                | 151              | 93.1            | 0.81               | 6.3                                        | 1.8                                      | 2.0                               |
| LWYE3-315L1-8-001         | 90              | 740                | 179              | 93.4            | 0.82               | 6.4                                        | 1.8                                      | 2.0                               |
| LWYE3-315L2-8-001         | 110             | 740                | 218              | 93.7            | 0.82               | 6.4                                        | 1.8                                      | 2.0                               |
| LWYE3-355M1-8-001         | 132             | 742                | 260              | 94.0            | 0.82               | 6.4                                        | 1.8                                      | 2.0                               |
| LWYE3-355M2-8-001         | 160             | 742                | 314              | 94.3            | 0.82               | 6.4                                        | 1.8                                      | 2.0                               |
| LWYE3-355L-8-001          | 200             | 742                | 387              | 94.6            | 0.83               | 6.4                                        | 1.8                                      | 2.0                               |
| Synhronous speed 600r/min |                 |                    |                  |                 |                    |                                            |                                          |                                   |
| LWYE3-315S-10-001         | 45              | 590                | 99               | 92.0            | 0.75               | 6.2                                        | 1.5                                      | 2.0                               |
| LWYE3-315M-10-001         | 55              | 590                | 121              | 92.0            | 0.75               | 6.2                                        | 1.5                                      | 2.0                               |
| LWYE3-315L1-10-001        | 75              | 590                | 162              | 92.8            | 0.76               | 5.8                                        | 1.5                                      | 2.0                               |
| LWYE3-315L2-10-001        | 90              | 590                | 191              | 93              | 0.77               | 5.9                                        | 1.5                                      | 2.0                               |
| LWYE3-355M1-10-001        | 110             | 592                | 230              | 93.3            | 0.78               | 6                                          | 1.3                                      | 2.0                               |
| LWYE3-355M2-10-001        | 132             | 592                | 274              | 93.8            | 0.78               | 6.1                                        | 1.3                                      | 2.0                               |
| LWYE3-355L-10-001         | 160             | 592                | 332              | 93.8            | 0.78               | 6.1                                        | 1.3                                      | 2.0                               |

## Outline and Mounting Dimensions of LWYE3 series Asynchronous Motor

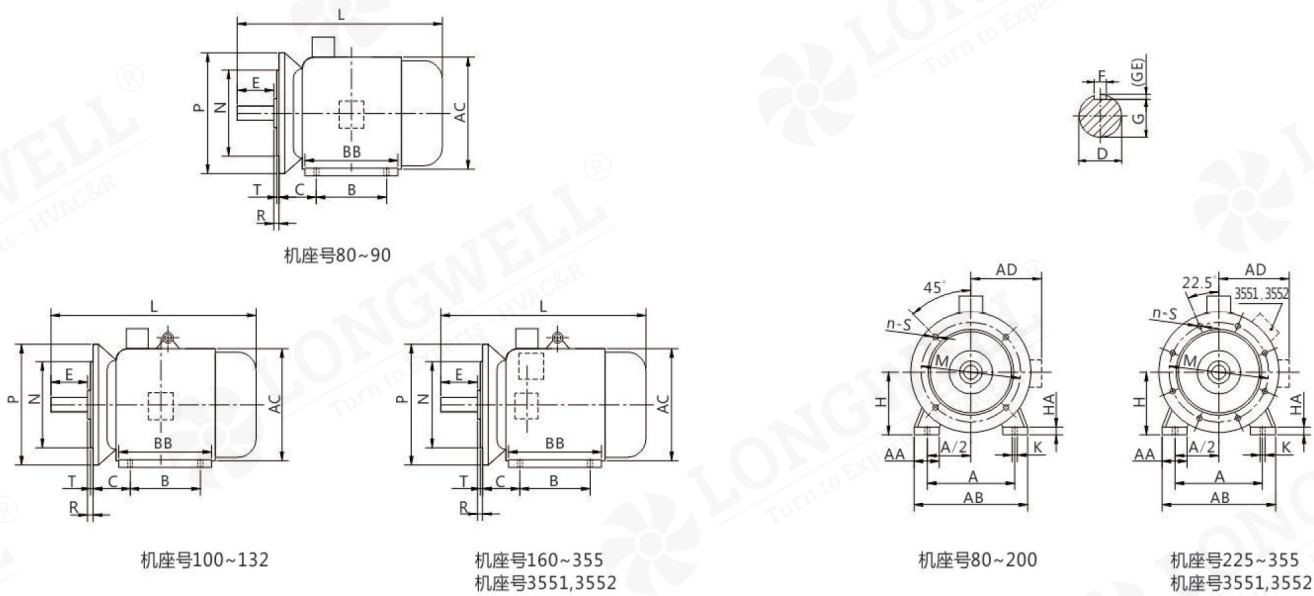


Electric motor with foot-mounted frame and no flange on the end shield

unit: mm

| Frame | Poles | Mounting Dimension |     |     |     |     |    |      |     |      |     | Figure Size |    |     |     |     |      |      |  |
|-------|-------|--------------------|-----|-----|-----|-----|----|------|-----|------|-----|-------------|----|-----|-----|-----|------|------|--|
|       |       | A                  | B   | C   | D   | E   | F  | G    | H   | K    | AA  | BB          | HA | AB  | AC  | AD  | HD   | L    |  |
| 80M   | 2,4,6 | 125                | 100 | 50  | 19  | 40  | 6  | 15.5 | 80  | 10   | 34  | 135         | 10 | 165 | 175 | 145 | 230  | 305  |  |
| 90S   | 2,4,6 | 140                | 100 | 56  | 24  | 50  | 8  | 20   | 90  | 10   | 36  | 140         | 12 | 180 | 195 | 155 | 260  | 360  |  |
| 90L   | 2,4,6 | 140                | 125 | 56  | 24  | 50  | 8  | 20   | 90  | 10   | 36  | 165         | 12 | 180 | 195 | 155 | 260  | 390  |  |
| 100L  | 2,4,6 | 160                | 140 | 63  | 28  | 60  | 8  | 24   | 100 | 12   | 40  | 176         | 14 | 205 | 215 | 180 | 280  | 435  |  |
| 112M  | 2,4,6 | 190                | 140 | 70  | 28  | 60  | 8  | 24   | 112 | 12   | 45  | 180         | 14 | 230 | 240 | 190 | 300  | 470  |  |
| 132S  | 2,4,6 | 216                | 140 | 89  | 38  | 80  | 10 | 33   | 132 | 12   | 55  | 186         | 18 | 270 | 275 | 210 | 345  | 510  |  |
| 132M  | 2,4,6 | 216                | 178 | 89  | 38  | 80  | 10 | 33   | 132 | 12   | 55  | 224         | 18 | 270 | 275 | 210 | 345  | 560  |  |
| 160M  | 2,4,6 | 254                | 210 | 108 | 42  | 110 | 12 | 37   | 160 | 14.5 | 65  | 260         | 20 | 320 | 330 | 255 | 420  | 670  |  |
| 160L  | 2,4,6 | 254                | 254 | 108 | 42  | 110 | 12 | 37   | 160 | 14.5 | 65  | 304         | 20 | 320 | 330 | 255 | 420  | 700  |  |
| 180M  | 2,4,6 | 279                | 241 | 121 | 48  | 110 | 14 | 42.5 | 180 | 14.5 | 70  | 311         | 22 | 355 | 380 | 280 | 455  | 740  |  |
| 180L  | 2,4,6 | 279                | 279 | 121 | 48  | 110 | 14 | 42.5 | 180 | 14.5 | 70  | 349         | 22 | 355 | 380 | 280 | 455  | 790  |  |
| 200L  | 2,4,6 | 318                | 305 | 133 | 55  | 110 | 16 | 49   | 200 | 18.5 | 70  | 369         | 26 | 395 | 420 | 305 | 505  | 790  |  |
| 225S  | 4     | 356                | 286 | 149 | 60  | 140 | 18 | 53   | 225 | 18.5 | 75  | 368         | 28 | 435 | 470 | 355 | 560  | 830  |  |
| 225M  | 2     | 356                | 311 | 149 | 55  | 110 | 16 | 49   | 225 | 18.5 | 75  | 393         | 28 | 435 | 470 | 355 | 560  | 825  |  |
| 225M  | 4,6   | 356                | 311 | 149 | 60  | 140 | 18 | 53   | 225 | 18.5 | 75  | 393         | 28 | 435 | 470 | 355 | 560  | 825  |  |
| 250M  | 2     | 406                | 349 | 168 | 60  | 140 | 18 | 53   | 250 | 24   | 80  | 445         | 30 | 490 | 510 | 370 | 615  | 915  |  |
| 250M  | 4,6   | 406                | 349 | 168 | 65  | 140 | 18 | 58   | 250 | 24   | 80  | 445         | 30 | 490 | 510 | 370 | 615  | 915  |  |
| 280S  | 2     | 457                | 368 | 190 | 65  | 140 | 18 | 58   | 280 | 24   | 85  | 485         | 35 | 550 | 580 | 410 | 680  | 985  |  |
| 280S  | 4,6   | 457                | 368 | 190 | 75  | 140 | 20 | 67.5 | 280 | 24   | 85  | 485         | 35 | 550 | 580 | 410 | 680  | 985  |  |
| 280M  | 2     | 457                | 419 | 190 | 65  | 140 | 18 | 58   | 280 | 24   | 85  | 536         | 35 | 550 | 580 | 410 | 680  | 1035 |  |
| 280M  | 4,6   | 457                | 419 | 190 | 75  | 140 | 20 | 67.5 | 280 | 24   | 85  | 536         | 35 | 550 | 580 | 410 | 680  | 1035 |  |
| 315S  | 2     | 508                | 406 | 216 | 65  | 140 | 18 | 58   | 315 | 28   | 120 | 570         | 45 | 635 | 645 | 530 | 845  | 1180 |  |
| 315S  | 4,6   | 508                | 406 | 216 | 80  | 170 | 22 | 71   | 315 | 28   | 120 | 570         | 45 | 635 | 645 | 530 | 845  | 1290 |  |
| 315M  | 2     | 508                | 457 | 216 | 65  | 140 | 18 | 58   | 315 | 28   | 120 | 680         | 45 | 635 | 645 | 530 | 845  | 1320 |  |
| 315M  | 4,6   | 508                | 457 | 216 | 80  | 170 | 22 | 71   | 315 | 28   | 120 | 680         | 45 | 635 | 645 | 530 | 845  | 1320 |  |
| 315L  | 2     | 508                | 508 | 216 | 65  | 140 | 18 | 58   | 315 | 28   | 120 | 680         | 45 | 635 | 645 | 530 | 845  | 1210 |  |
| 315L  | 4,6   | 508                | 508 | 216 | 80  | 170 | 22 | 71   | 315 | 28   | 120 | 680         | 45 | 635 | 645 | 530 | 845  | 1320 |  |
| 355M  | 2     | 610                | 560 | 254 | 75  | 140 | 20 | 67.5 | 355 | 28   | 120 | 750         | 52 | 730 | 710 | 655 | 1010 | 1500 |  |
| 355M  | 4,6   | 610                | 560 | 254 | 95  | 170 | 25 | 86   | 355 | 28   | 120 | 750         | 52 | 730 | 710 | 655 | 1010 | 1530 |  |
| 355L  | 2     | 610                | 630 | 254 | 75  | 140 | 20 | 67.5 | 355 | 28   | 120 | 750         | 52 | 730 | 710 | 655 | 1010 | 1500 |  |
| 355L  | 4,6   | 610                | 630 | 254 | 95  | 170 | 25 | 86   | 355 | 28   | 120 | 750         | 52 | 730 | 710 | 655 | 1010 | 1530 |  |
| 3551  | 2     | 630                | 800 | 224 | 80  | 170 | 22 | 71   | 355 | 35   | -   | -           | -  | 760 | 770 | 760 | 1130 | 1870 |  |
| 3552  | 4,6   | 630                | 800 | 224 | 110 | 210 | 28 | 100  | 355 | 35   | -   | -           | -  | 760 | 770 | 760 | 1130 | 1920 |  |

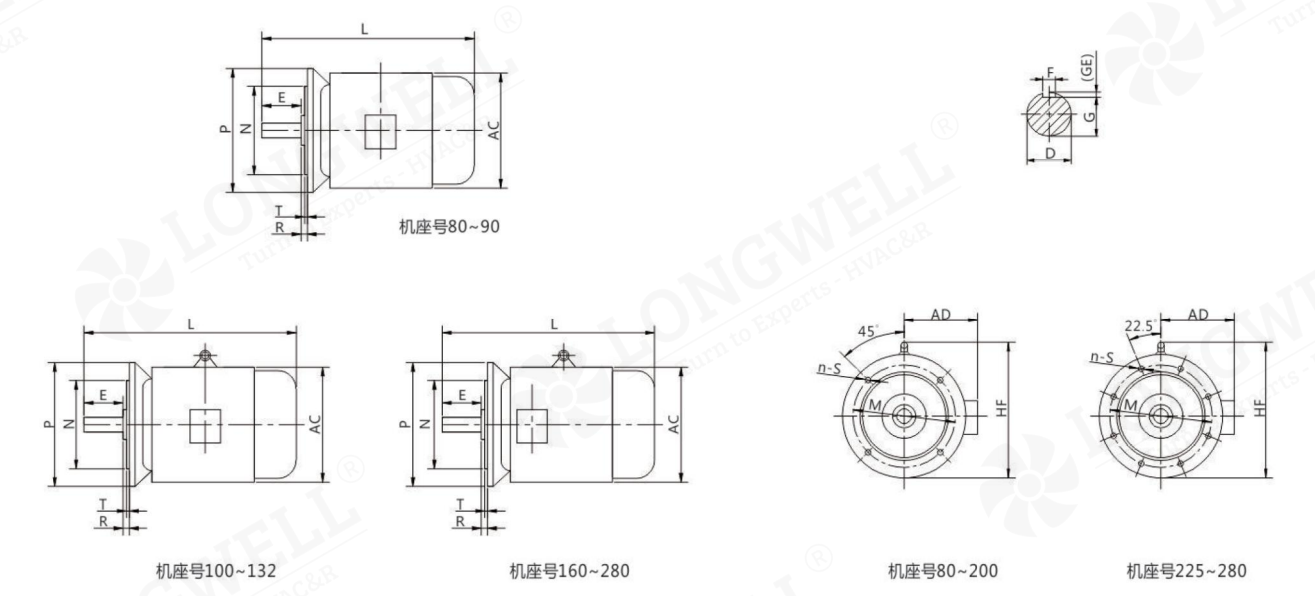
Outline and Mounting Dimensions of LWYE3 series Asynchronous Motor



Electric motor with foot-mounted frame and a flanged end shield (with through holes) unit: mm

| Frame | Poles | Mounting Dimension |     |     |     |     |    |      |     |      |     |     |     |   |         | Figure Size |     |     |    |     |     |     |      |      |  |
|-------|-------|--------------------|-----|-----|-----|-----|----|------|-----|------|-----|-----|-----|---|---------|-------------|-----|-----|----|-----|-----|-----|------|------|--|
|       |       | A                  | B   | C   | D   | E   | F  | G    | H   | K    | M   | N   | P   | R | n-S     | T           | AA  | BB  | HA | AB  | AC  | AD  | HD   | L    |  |
| 80M   | 2,4,6 | 125                | 100 | 50  | 19  | 40  | 6  | 15.5 | 80  | 10   | 165 | 130 | 200 | 0 | 4-φ12   | 3.5         | 34  | 135 | 10 | 165 | 175 | 145 | 230  | 305  |  |
| 90S   | 2,4,6 | 140                | 100 | 56  | 24  | 50  | 8  | 20   | 90  | 10   | 165 | 130 | 200 | 0 | 4-φ12   | 3.5         | 36  | 140 | 12 | 180 | 195 | 155 | 260  | 360  |  |
| 90L   | 2,4,6 | 140                | 125 | 56  | 24  | 50  | 8  | 20   | 90  | 10   | 165 | 130 | 200 | 0 | 4-φ12   | 3.5         | 36  | 165 | 12 | 180 | 195 | 155 | 260  | 390  |  |
| 100L  | 2,4,6 | 160                | 140 | 63  | 28  | 60  | 8  | 24   | 100 | 12   | 215 | 180 | 250 | 0 | 4-φ14.5 | 4.0         | 40  | 176 | 14 | 205 | 215 | 180 | 280  | 435  |  |
| 112M  | 2,4,6 | 190                | 140 | 70  | 28  | 60  | 8  | 24   | 112 | 12   | 215 | 180 | 250 | 0 | 4-φ14.5 | 4.0         | 45  | 180 | 14 | 230 | 240 | 190 | 300  | 470  |  |
| 132S  | 2,4,6 | 216                | 140 | 89  | 38  | 80  | 10 | 33   | 132 | 12   | 265 | 230 | 300 | 0 | 4-φ14.5 | 4.0         | 55  | 186 | 18 | 270 | 275 | 210 | 345  | 510  |  |
| 132M  | 2,4,6 | 216                | 178 | 89  | 38  | 80  | 10 | 33   | 132 | 12   | 265 | 230 | 300 | 0 | 4-φ14.5 | 4.0         | 55  | 224 | 18 | 270 | 275 | 210 | 345  | 560  |  |
| 160M  | 2,4,6 | 254                | 210 | 108 | 42  | 110 | 12 | 37   | 160 | 14.5 | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0         | 65  | 260 | 20 | 320 | 330 | 255 | 420  | 670  |  |
| 160L  | 2,4,6 | 254                | 254 | 108 | 42  | 110 | 12 | 37   | 160 | 14.5 | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0         | 65  | 304 | 20 | 320 | 330 | 255 | 420  | 700  |  |
| 180M  | 2,4,6 | 279                | 241 | 121 | 48  | 110 | 14 | 42.5 | 180 | 14.5 | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0         | 70  | 311 | 22 | 355 | 380 | 280 | 455  | 740  |  |
| 180L  | 2,4,6 | 279                | 279 | 121 | 48  | 110 | 14 | 42.5 | 180 | 14.5 | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0         | 70  | 349 | 22 | 355 | 380 | 280 | 455  | 790  |  |
| 200L  | 2,4,6 | 318                | 305 | 133 | 55  | 110 | 16 | 49   | 200 | 18.5 | 350 | 300 | 400 | 0 | 4-φ18.5 | 5.0         | 70  | 369 | 26 | 395 | 420 | 305 | 505  | 790  |  |
| 225S  | 4     | 356                | 286 | 149 | 60  | 140 | 18 | 53   | 225 | 18.5 | 400 | 350 | 450 | 0 | 8-φ18.5 | 5.0         | 75  | 368 | 28 | 435 | 470 | 355 | 560  | 830  |  |
| 225M  | 2     | 356                | 311 | 149 | 55  | 110 | 16 | 49   | 225 | 18.5 | 400 | 350 | 450 | 0 | 8-φ18.5 | 5.0         | 75  | 393 | 28 | 435 | 470 | 355 | 560  | 825  |  |
| 225M  | 4,6   | 356                | 311 | 149 | 60  | 140 | 18 | 53   | 225 | 18.5 | 400 | 350 | 450 | 0 | 8-φ18.5 | 5.0         | 75  | 393 | 28 | 435 | 470 | 355 | 560  | 855  |  |
| 250M  | 2     | 406                | 349 | 168 | 60  | 140 | 18 | 53   | 250 | 24   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0         | 80  | 445 | 30 | 490 | 510 | 370 | 615  | 915  |  |
| 250M  | 4,6   | 406                | 349 | 168 | 65  | 140 | 18 | 58   | 250 | 24   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0         | 80  | 445 | 30 | 490 | 510 | 370 | 615  | 915  |  |
| 280S  | 2     | 457                | 368 | 190 | 65  | 140 | 18 | 58   | 280 | 24   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0         | 85  | 485 | 35 | 550 | 580 | 410 | 680  | 985  |  |
| 280S  | 4,6   | 457                | 368 | 190 | 75  | 140 | 20 | 67.5 | 280 | 24   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0         | 85  | 485 | 35 | 550 | 580 | 410 | 680  | 985  |  |
| 280M  | 2     | 457                | 419 | 190 | 65  | 140 | 18 | 58   | 280 | 24   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0         | 85  | 536 | 35 | 550 | 580 | 410 | 680  | 1035 |  |
| 280M  | 4,6   | 457                | 419 | 190 | 75  | 140 | 20 | 67.5 | 280 | 24   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0         | 85  | 536 | 35 | 550 | 580 | 410 | 680  | 1035 |  |
| 315S  | 2     | 508                | 406 | 216 | 65  | 140 | 18 | 58   | 315 | 28   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0         | 120 | 570 | 45 | 635 | 645 | 530 | 845  | 1180 |  |
| 315S  | 4,6   | 508                | 406 | 216 | 80  | 170 | 22 | 71   | 315 | 28   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0         | 120 | 570 | 45 | 635 | 645 | 530 | 845  | 1290 |  |
| 315M  | 2     | 508                | 457 | 216 | 65  | 140 | 18 | 58   | 315 | 28   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0         | 120 | 680 | 45 | 635 | 645 | 530 | 845  | 1320 |  |
| 315M  | 4,6   | 508                | 457 | 216 | 80  | 170 | 22 | 71   | 315 | 28   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0         | 120 | 680 | 45 | 635 | 645 | 530 | 845  | 1320 |  |
| 315L  | 2     | 508                | 508 | 216 | 65  | 140 | 18 | 58   | 315 | 28   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0         | 120 | 680 | 45 | 635 | 645 | 530 | 845  | 1210 |  |
| 315L  | 4,6   | 508                | 508 | 216 | 80  | 170 | 22 | 71   | 315 | 28   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0         | 120 | 680 | 45 | 635 | 645 | 530 | 845  | 1320 |  |
| 355M  | 2     | 610                | 560 | 254 | 75  | 140 | 20 | 67.5 | 355 | 28   | 740 | 680 | 800 | 0 | 8-φ24   | 6.0         | 120 | 750 | 52 | 730 | 710 | 655 | 1010 | 1500 |  |
| 355M  | 4,6   | 610                | 560 | 254 | 95  | 170 | 25 | 86   | 355 | 28   | 740 | 680 | 800 | 0 | 8-φ24   | 6.0         | 120 | 750 | 52 | 730 | 710 | 655 | 1010 | 1530 |  |
| 355L  | 2     | 610                | 630 | 254 | 75  | 140 | 20 | 67.5 | 355 | 28   | 740 | 680 | 800 | 0 | 8-φ24   | 6.0         | 120 | 750 | 52 | 730 | 710 | 655 | 1010 | 1500 |  |
| 355L  | 4,6   | 610                | 630 | 254 | 95  | 170 | 25 | 86   | 355 | 28   | 740 | 680 | 800 | 0 | 8-φ24   | 6.0         | 120 | 750 | 52 | 730 | 710 | 655 | 1010 | 1530 |  |
| 3551  | 2     | 630                | 800 | 224 | 80  | 170 | 22 | 71   | 355 | 35   | 840 | 780 | 900 | 0 | 8-φ24   | 6.0         | -   | -   | -  | 760 | 900 | 760 | 1130 | 1870 |  |
| 3552  | 4,6   | 630                | 800 | 224 | 110 | 210 | 28 | 100  | 355 | 35   | 840 | 780 | 900 | 0 | 8-φ24   | 6.0         | -   | -   | -  | 760 | 900 | 760 | 1130 | 1920 |  |

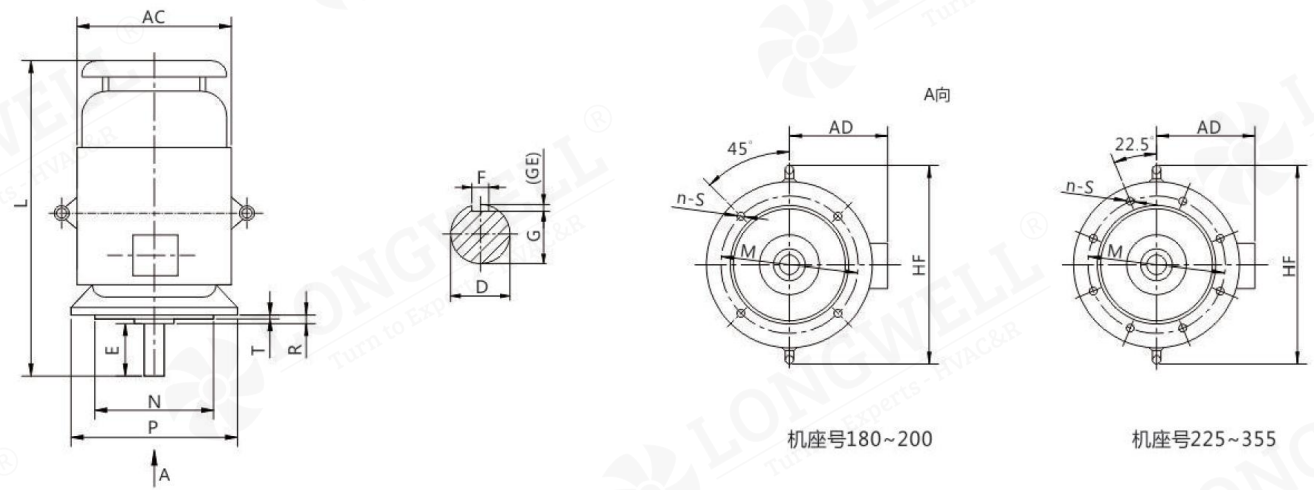
Outline and Mounting Dimensions of LWYE3 series Asynchronous Motor



Electric motor with a footless frame and a flanged end shield (with through holes) unit: mm

| Frame | Poles | Mounting Dimension |     |    |      |     |     |     |   |         |     |    | Number of<br>flange holes | AC  | Figure Size |      |  |
|-------|-------|--------------------|-----|----|------|-----|-----|-----|---|---------|-----|----|---------------------------|-----|-------------|------|--|
|       |       | D                  | E   | F  | G    | M   | N   | P   | R | n-S     | T   | AD |                           |     | HF          | L    |  |
| 80M   | 2,4,6 | 19                 | 40  | 6  | 15.5 | 165 | 130 | 200 | 0 | 4-φ12   | 3.5 | 4  | 175                       | 145 | 185         | 305  |  |
| 90S   | 2,4,6 | 24                 | 50  | 8  | 20   | 165 | 130 | 200 | 0 | 4-φ12   | 3.5 | 4  | 195                       | 155 | 195         | 360  |  |
| 90L   | 2,4,6 | 24                 | 50  | 8  | 20   | 165 | 130 | 200 | 0 | 4-φ12   | 3.5 | 4  | 195                       | 155 | 195         | 390  |  |
| 100L  | 2,4,6 | 28                 | 60  | 8  | 24   | 215 | 180 | 250 | 0 | 4-φ14.5 | 4.0 | 4  | 215                       | 180 | 245         | 435  |  |
| 112M  | 2,4,6 | 28                 | 60  | 8  | 24   | 215 | 180 | 250 | 0 | 4-φ14.5 | 4.0 | 4  | 240                       | 190 | 265         | 470  |  |
| 132S  | 2,4,6 | 38                 | 80  | 10 | 33   | 265 | 230 | 300 | 0 | 4-φ14.5 | 4.0 | 4  | 275                       | 210 | 315         | 510  |  |
| 132M  | 2,4,6 | 38                 | 80  | 10 | 33   | 265 | 230 | 300 | 0 | 4-φ14.5 | 4.0 | 4  | 275                       | 210 | 315         | 550  |  |
| 160M  | 2,4,6 | 42                 | 110 | 12 | 37   | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0 | 4  | 330                       | 255 | 385         | 730  |  |
| 160L  | 2,4,6 | 42                 | 110 | 12 | 37   | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0 | 4  | 330                       | 255 | 385         | 760  |  |
| 180M  | 2,4,6 | 48                 | 110 | 14 | 42.5 | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0 | 4  | 380                       | 280 | 430         | 770  |  |
| 180L  | 2,4,6 | 48                 | 110 | 14 | 42.5 | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0 | 4  | 380                       | 280 | 430         | 800  |  |
| 200L  | 2,4,6 | 55                 | 110 | 16 | 49   | 350 | 300 | 400 | 0 | 4-φ18.5 | 5.0 | 4  | 420                       | 305 | 480         | 860  |  |
| 225S  | 4     | 60                 | 140 | 18 | 53   | 400 | 350 | 450 | 0 | 8-φ18.5 | 5.0 | 8  | 470                       | 335 | 535         | 830  |  |
| 225M  | 2     | 55                 | 110 | 16 | 49   | 400 | 350 | 450 | 0 | 8-φ18.5 | 5.0 | 8  | 470                       | 335 | 535         | 830  |  |
| 225M  | 4,6   | 60                 | 140 | 18 | 53   | 400 | 350 | 450 | 0 | 8-φ18.5 | 5.0 | 8  | 470                       | 335 | 535         | 860  |  |
| 250M  | 2     | 60                 | 140 | 18 | 53   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 8  | 510                       | 370 | 595         | 990  |  |
| 250M  | 4,6   | 65                 | 140 | 18 | 58   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 8  | 510                       | 370 | 595         | 990  |  |
| 280S  | 2     | 65                 | 140 | 18 | 58   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 8  | 580                       | 410 | 650         | 990  |  |
| 280S  | 4,6   | 75                 | 140 | 20 | 67.5 | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 8  | 580                       | 410 | 650         | 990  |  |
| 280M  | 2     | 65                 | 140 | 18 | 58   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 8  | 580                       | 410 | 650         | 1040 |  |
| 280M  | 4,6   | 75                 | 140 | 20 | 67.5 | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 8  | 580                       | 410 | 650         | 1040 |  |

Outline and Mounting Dimensions of LWYE3 series Asynchronous Motor



Vertical-mounted electric motor with footless frame, flanged end shield (with through holes), and shaft extending downward

unit: mm

| Frame | Poles | Mounting Dimension |     |    |      |     |     |     |   |         |     |     | Flgure Size |      |      |
|-------|-------|--------------------|-----|----|------|-----|-----|-----|---|---------|-----|-----|-------------|------|------|
|       |       | D                  | E   | F  | G    | M   | N   | P   | R | n-S     | T   | AC  | AD          | HF   | L    |
| 180M  | 2,4,6 | 48                 | 110 | 14 | 42.5 | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0 | 380 | 280         | 430  | 825  |
| 180L  | 2,4,6 | 48                 | 110 | 14 | 42.5 | 300 | 250 | 350 | 0 | 4-φ18.5 | 5.0 | 380 | 280         | 430  | 845  |
| 200L  | 2,4,6 | 55                 | 110 | 16 | 49   | 350 | 300 | 400 | 0 | 4-φ18.5 | 5.0 | 420 | 305         | 480  | 940  |
| 225S  | 4     | 60                 | 140 | 18 | 53   | 400 | 350 | 450 | 0 | 8-φ18.5 | 5.0 | 470 | 335         | 610  | 945  |
| 225M  | 2     | 55                 | 110 | 16 | 49   | 400 | 350 | 450 | 0 | 8-φ18.5 | 5.0 | 470 | 335         | 610  | 945  |
| 225M  | 4,6   | 60                 | 140 | 18 | 53   | 400 | 350 | 450 | 0 | 8-φ18.5 | 5.0 | 470 | 335         | 610  | 975  |
| 250M  | 2     | 60                 | 140 | 18 | 53   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 510 | 370         | 650  | 1095 |
| 250M  | 4,6   | 65                 | 140 | 18 | 58   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 510 | 370         | 650  | 1095 |
| 280S  | 2     | 65                 | 140 | 18 | 58   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 580 | 410         | 720  | 1155 |
| 280S  | 4,6   | 75                 | 140 | 20 | 67.5 | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 580 | 410         | 720  | 1155 |
| 280M  | 2     | 65                 | 140 | 18 | 58   | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 580 | 410         | 720  | 1195 |
| 280M  | 4,6   | 75                 | 140 | 20 | 67.5 | 500 | 450 | 550 | 0 | 8-φ18.5 | 5.0 | 580 | 410         | 720  | 1195 |
| 315S  | 2     | 65                 | 140 | 18 | 58   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0 | 645 | 530         | 900  | 1280 |
| 315S  | 4,6   | 80                 | 170 | 22 | 71   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0 | 645 | 530         | 900  | 1400 |
| 315M  | 2     | 65                 | 140 | 18 | 58   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0 | 645 | 530         | 900  | 1310 |
| 315M  | 4,6   | 80                 | 170 | 22 | 71   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0 | 645 | 530         | 900  | 1430 |
| 315L  | 2     | 65                 | 140 | 18 | 58   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0 | 645 | 530         | 900  | 1310 |
| 315L  | 4,6   | 80                 | 170 | 22 | 71   | 600 | 550 | 660 | 0 | 8-φ24   | 6.0 | 645 | 530         | 900  | 1430 |
| 355M  | 2     | 75                 | 140 | 20 | 67.5 | 740 | 680 | 800 | 0 | 8-φ24   | 6.0 | 710 | 655         | 1010 | 1640 |
| 355M  | 4,6   | 95                 | 170 | 25 | 86   | 740 | 680 | 800 | 0 | 8-φ24   | 6.0 | 710 | 655         | 1010 | 1670 |
| 355L  | 2     | 75                 | 140 | 20 | 67.5 | 740 | 680 | 800 | 0 | 8-φ24   | 6.0 | 710 | 655         | 1010 | 1640 |
| 355L  | 4,6   | 95                 | 170 | 25 | 86   | 740 | 680 | 800 | 0 | 8-φ24   | 6.0 | 710 | 655         | 1010 | 1670 |
| 3551  | 2     | 80                 | 170 | 22 | 71   | 840 | 780 | 900 | 0 | 8-φ24   | 6.0 | 900 | 760         | 1220 | 1920 |
| 3552  | 4,6   | 110                | 210 | 28 | 100  | 840 | 780 | 900 | 0 | 8-φ24   | 6.0 | 900 | 760         | 1220 | 1970 |