Engineered for the Critical

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



LONGWELL®
Turn to Experts - HVAC&R

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CE RoHS ETL BSCI ISO EAC UL LVD

LONGWELL®
Turn to Experts - HVAC&R

LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments



Professional Manufacturer of HVACR Fan & Motors

—— **LWYBX3 Series High Efficiency Flameproof Three-phase Asynchronous Motor**

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

Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

About Longwell

The Ventilation and Drive Technology Partner for Mission-Critical Environments

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.

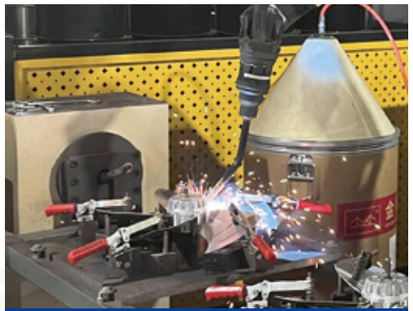
At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials 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.

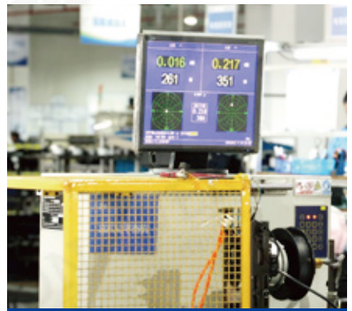
LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

193	40000㎡	500+	1Million+PCS	6	50+
Staff	Floor Space	Branding Clients	Annual Outputs	Overseas Offices on Spot Support	Members R&D Team


B&K Noise Testing Lab


Production Line

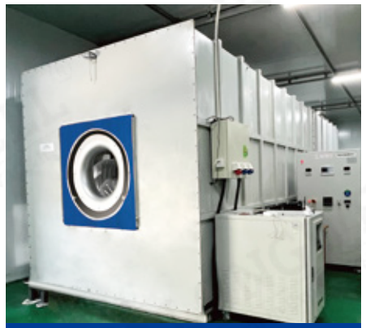

Automatic Welding


Balance Machine


Automatic Welding Machine


Production Line - Centrifugal Fan


Automatic CNC Machine


Air Dynamic Test Lab


Production Line - Axial Fans


Production Line

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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 +A11:2014 +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 - Hightest Level in China

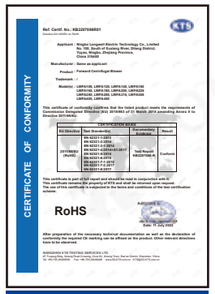

Own-Brand


Own-Brand


ETL


ETL

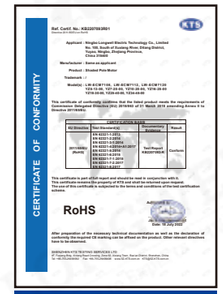

CE


RoHS


CE


CE


CE


RoHS


ETL


ETL


ETL


CE

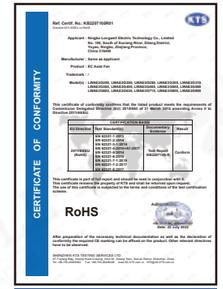

CE


ISO 9001


ISO 9001


RoHS


RoHS


RoHS


RoHS


RoHS


CE


CE


CE

LWYBX3 Series High Efficiency Flameproof Three-phase Asynchronous Motor

Professional HVAC Fan &Motors Manufacturer



Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

Type Code

LW Y B X 3 - 132 M 1 - 6 - 001

- LW — Longwell
- Y — Asynchronous Motor
- B — Flameproof
- X — High Efficiency
- 3 — Third Design
- 132 — Frame Size
- M — Frame Length Code
- 1 — Core Length Code
- 6 — Poles
- 001 — Series Number

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LWYBX3 Series High Efficiency Flameproof Three-phase Asynchronous Motor

Product Overview

This series of fameproof motors is the basic series of fully enclosed, self-cooling, squirrel cage high-efficiency flameproof three-phase asynchronous motors developed by our company on the basis of the unified design of the reference industry. The power level and installation method are in accordance with the International Electrotechnical Commission (IEC) standards.

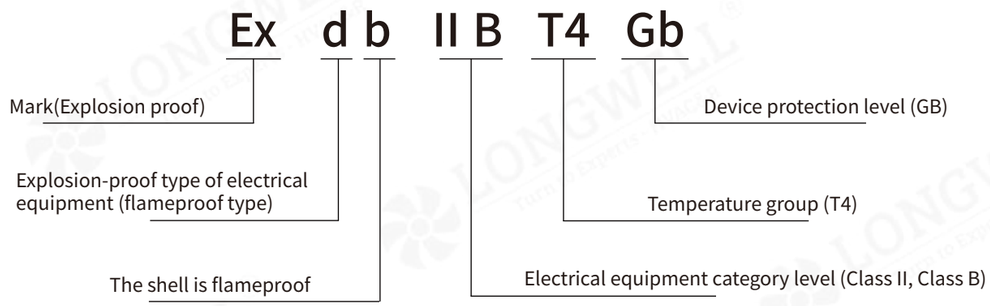
LWYBX3 series motors with explosion-proof marks of Ex db I Mb and Ex db IIB T4 Gb shall comply with the provisions of JB/T 12628-2016 "Technical Conditions for LWYBX3 Series High-efficiency Flameproof Three-phase Asynchronous Motors (Frame No. 63-355)". The explosion-proof performance complies with the provisions of GB/T 3836.1-2021 "Explosive atmospheres - Part 1: General requirements for equipment" and GB/T 3836.2-2021 "Explosive atmospheres - Part 2:Equipment protected by flameproof enclosure "d". Motors with the explosion-proof mark Ex db I Mb are suitable for use on underground (non-mining face)stationary equipment in coal mines containing methane or coal dust. The electric motor with the explosion-proof mark Ex db IIB T4 Gb is suitable for places containing explosive gas atmospheres containing flammable gases or explosive mixtures formed by vapors and air, and the temperature group is T1~T4.

The explosion-proof mark is Ex db IIC T4 Gb, Ex tb IIIC T130 °C Db LWYBX3 series motors, the implementation of Q/DJSD003 "LWYBX3 series high-efficiency flameproof three-phase asynchronous motor technical conditions (frame No.63~355)" provisions. The motor is used in the place where the representative gas is hydrogen in the explosive gas atmosphere, and the explosion-proof performance complies wth the provisions of GB/T 3836.1-2021 and GB/T 3836.2-2021, and is suitable for the environmental place with the temperature group T1~T4.

The explosion-proof performance of the motor used in the place of combustible dust environment is in accordance with the provisions of GB/T 3836.1-2021 and GB/T 3836.31-2021 "Explosive Atmosphere Part 31: Equipment Protected by the Anti-Dust Ignition Enclosure "T", and is suitable for places with explosive dust environment where the maximum surface temperature is lower than 130°C.

Explosion-proof mark: Ex db I Mb, Ex db IIB T4 Gb, Ex db IIC T4 Gb, Ex tb IIIC T130°C Db

Meaning of explosion-proof mark:



Technical Parmeters

1) Basic Parameters

Center height range: 63~355mm

Power range: 0.12~315kW

Rated voltage and frequency: 380V, 660V, 380/660V, 660/1140V

50Hz (other voltages and frequencies please specify when ordering)

Degree of protection: IP55 or IP65

Thermal Classification: 155 (F)

Working system: S1 continuous working system

Cooling method: IC411

When the rated voltage is: 380V and 660V, the power of 3kW and below is the Y connection method, and the 3kW or above is the △ connection method. When the rated voltage is 380V /660V and 660/1140V, it is △/Y connection.

2) Conditions of Use

Working environment temperature: -15 C~+40 ℃

Altitude requirement: no more than 1000 meters

If there are other special requirements for special environment, temperature, etc., please please make a request at the time of ordering.

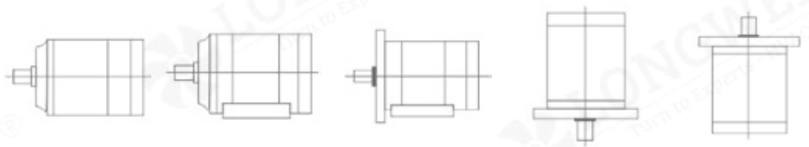
Basic Insttallation Structure and Main Structure

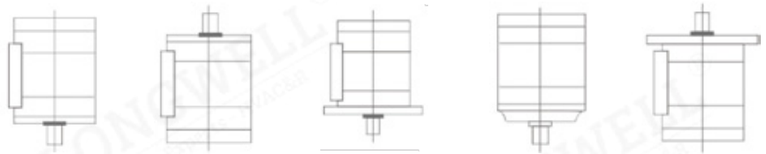
5 kinds of basic and kinds of common strure and manufacturing

Frame Size	Structure and Mounting Type Code
63~71	B3, B5, B6, B7, B8, B14, B34, V1, V3, V5, V6, V18
80~112	B3, B5, B6, B7, B8, B14, B34, B35, V1, V3, V5, V6, V15, V18, V35,V37
132~160	B3, B5, B6, B7, B8, B35, V1, V3, V5, V6, V15, V35,V37
160~280	B3, B5, B35, V1
315~355	B3, B35, V1

The Structure and Insttallation Type of Diagram

Mounting Structure Type	B3	B5	B6	B7	B8
Sketch Map					

Mounting Structure Type	B14	B34	B35	V1	V3
Sketch Map					

Mounting Structure Type	V5	V6	V15	V18	V35
Sketch Map					

Terminal Box Structure

The motor junction box has excellent flameproof structural performance and high protection level, and has a large cavity for easy wiring, and the incoming wire is divided into three types: rubber sheathed cable, steel pipe wiring and flameproof gland threaded outlet (can be customized).

According to diferent starting requirements, one inlet (suitable for direct starting of the motor) and two inlet (suitable tor Y-△ staring of the motor) can be made respectively. Junction box inlet and scope of application:

Specifications of connection box	For frame size	Number of entrance	The max outer diameter of inlet cabie	Thread of conduit entry	Scope of supply
Mini M5	63~100	One	Φ20	M30×2	Normal
M5	112~132	One	Φ25	M30×2	Normal
M6	160~180	One	Φ35	M36×2	Normal
M8	200~225	One	Φ42	M48×2	Normal
M10	250~280	One	Φ50	M64×2	Normal
M10	250~280	Two	Φ42	M48×2	Special
M16	315~355	Two	Φ50	M64×2	Normal
M16	315~355	One	Φ64	M72×2	Normal

Ordering Instructions

When ordering, please pay attention to the model, power, synchronous speed, voltage, frequency, structure and installation type, exploslion-proof mark,flameproof grade, junction box inlet and rotation direction of the motor.

If there are special requirements, such as voltage, frequency, protection level, direction of rotation, biaxial extension, speed, bearing oil injection and discharge device, temperature monitoring device, etc., please specify in detail in the order contract, and sign a technical agreement if necessary.

When ordering other series of motors and derivative motors in this sample, this notice will also be implemented without further notice. Thank you for your cooperation.

Technical Data of LWYBX3 Series High Efficiency Flameproof Three-Phase Asynchronous Motors (380V, 380/660V)

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								
LWYBX3-63M1-2-001	0.18	2720	0.52/0.30	65.9	0.80	5.5	2.3	2.2
LWYBX3-63M2-2-001	0.25	2720	0.67/0.39	69.7	0.81	5.5	2.3	2.2
LWYBX3-71M1-2-001	0.37	2780	0.94/0.54	73.8	0.81	6.1	2.3	2.2
LWYBX3-71M2-2-001	0.55	2780	1.31/0.75	77.8	0.82	6.1	2.3	2.3
LWYBX3-80M1-2-001	0.75	2840	1.70/0.98	80.7	0.83	6.8	2.3	2.3
LWYBX3-80M2-2-001	1.1	2840	2.43/1.40	82.7	0.83	7.3	2.3	2.3
LWYBX3-90S-2-001	1.5	2850	3.22/1.86	84.2	0.84	7.6	2.3	2.3
LWYBX3-90L-2-001	2.2	2850	4.58/2.64	85.9	0.85	7.8	2.3	2.3
LWYBX3-100L-2-001	3	2870	6.02/3.46	87.1	0.87	8.1	2.3	2.3
LWYBX3-112M-2-001	4	2890	7.84/4.5	88.1	0.88	8.3	2.3	2.3
LWYBX3-132S1-2-001	5.5	2900	10.6/6.1	89.2	0.88	8.0	2.2	2.3
LWYBX3-132S2-2-001	7.5	2900	14.2/8.2	90.1	0.89	7.8	2.2	2.3
LWYBX3-160M1-2-001	11	2930	20.6/11.9	91.2	0.89	7.9	2.2	2.3
LWYBX3-160M2-2-001	15	2930	27.9/16.0	91.9	0.89	8.0	2.2	2.3
LWYBX3-160L-2-001	18.5	2930	34.2/19.7	92.4	0.89	8.1	2.2	2.3
LWYBX3-180M-2-001	22	2950	40.5/23.3	92.7	0.89	8.2	2.2	2.3
LWYBX3-200L1-2-001	30	2950	54.9/31.6	93.3	0.89	7.5	2.2	2.3
LWYBX3-200L2-2-001	37	2950	67.4/38.8	93.7	0.89	7.5	2.2	2.3
LWYBX3-225M-2-001	45	2960	81.7/47.1	94.0	0.89	7.6	2.2	2.3
LWYBX3-250M-2-001	55	2960	99.6/57.3	94.3	0.89	7.6	2.2	2.3
LWYBX3-280S-2-001	75	2970	135.2/77.8	94.7	0.89	6.9	2.0	2.3
LWYBX3-280M-2-001	90	2970	161.7/93.1	95.0	0.89	7.0	2.0	2.3
LWYBX3-315S-2-001	110	2980	197.3/113.6	95.2	0.89	7.1	1.9	2.2
LWYBX3-315M-2-001	132	2980	236.2/136.0	95.4	0.89	7.1	1.9	2.2
LWYBX3-315L1-2-001	160	2980	285.7/164.5	95.6	0.89	7.1	1.9	2.2
LWYBX3-315L2-2-001	200	2980	356.4/205.2	95.8	0.89	7.1	1.9	2.2
LWYBX3-355S1-2-001	185	2980	329.7/189.8	95.8	0.89	7.1	1.9	2.2
LWYBX3-355S2-2-001	200	2980	356.4/205.2	95.8	0.89	7.1	1.9	2.2
LWYBX3-355M1-2-001	220	2980	392.0/225.7	95.8	0.89	7.1	1.8	2.2
LWYBX3-355M2-2-001	250	2980	440.5/253.6	95.8	0.90	7.1	1.8	2.2
LWYBX3-355L1-2-001	280	2980	493.4/284.1	95.8	0.90	7.1	1.8	2.2
LWYBX3-355L2-2-001	315	2980	555.1/319.6	95.8	0.90	7.1	1.8	2.2
Synhronous speed 1500r/min								
LWYBX3-63M1-4-001	0.12	1340	0.39/0.22	64.8	0.72	4.4	2.3	2.2
LWYBX3-63M2-4-001	0.18	1340	0.54/0.31	69.9	0.73	4.4	2.3	2.2
LWYBX3-71M1-4-001	0.25	1350	0.70/0.40	73.5	0.74	5.2	2.3	2.2
LWYBX3-71M2-4-001	0.37	1350	0.97/0.56	77.3	0.75	5.2	2.3	2.2
LWYBX3-80M1-4-001	0.55	1390	1.38/0.79	80.8	0.75	6.3	2.3	2.3
LWYBX3-80M2-4-001	0.75	1390	1.84/1.06	82.5	0.75	6.5	2.3	2.3
LWYBX3-90S-4-001	1.1	1400	2.65/1.53	84.1	0.75	6.6	2.3	2.3
LWYBX3-90L-4-001	1.5	1400	3.56/2.05	85.3	0.75	6.9	2.3	2.3
LWYBX3-1001L-4-001	2.2	1420	4.76/2.74	86.7	0.81	7.5	2.3	2.3
LWYBX3-100L2-4-001	3	1420	6.34/3.65	87.7	0.82	7.6	2.3	2.3
LWYBX3-112M-4-001	4	1430	8.37/4.82	88.6	0.82	7.7	2.3	2.3
LWYBX3-132S-4-001	5.5	1450	11.4/6.5	89.6	0.82	7.5	2.0	2.3
LWYBX3-132M-4-001	7.5	1450	15.2/8.7	90.4	0.83	7.4	2.0	2.3
LWYBX3-160M-4-001	11	1450	21.5/12.4	91.4	0.85	7.5	2.0	2.3
LWYBX3-160L4-001	15	1450	29.1/16.8	92.1	0.85	7.5	2.0	2.3
LWYBX3-180M-4-001	18.5	1470	35.3/20.3	92.6	0.86	7.7	2.0	2.3
LWYBX3-180L-4-001	22	1470	41.8/24.1	93.0	0.86	7.8	2.0	2.3
LWYBX3-200L-4-001	30	1470	56.0/32.2	93.6	0.87	7.2	2.0	2.3
LWYBX3-225S-4-001	37	1480	68.8/39.6	93.9	0.87	7.3	2.0	2.3
LWYBX3-225M-4-001	45	1480	83.4/48.0	94.2	0.87	7.4	2.0	2.3
LWYBX3-250M-4-001	55	1485	100.4/57.8	94.6	0.88	7.4	2.0	2.3
LWYBX3-280S-4-001	75	1485	136.3/78.5	95.0	0.88	6.7	2.0	2.3
LWYBX3-280M-4-001	90	1485	161.4/92.9	95.2	0.89	7.0	2.0	2.3
LWYBX3-315S-4-001	110	1488	196.8/113.3	95.4	0.89	7.0	2.0	2.2
LWYBX3-315M-4-001	132	1488	235.7/135.7	95.6	0.89	7.0	2.0	2.2

Ningbo Longwell Electric Technology Co., Ltd
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Technical Data of LWYBX3 Series High Efficiency Flameproof Three-Phase Asynchronous Motors (380V, 380/660V)

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 1500r/min								
LWYBX3-315L1-4-001	160	1488	285.1/164.2	95.8	0.89	7.0	2.0	2.2
LWYBX3-315L2-4-001	200	1488	355.7/204.8	96.0	0.89	7.0	2.0	2.2
LWYBX3-355S1-4-001	185	1488	329.0/189.4	96.0	0.89	7.0	2.0	2.2
LWYBX3-355S2-4-001	200	1488	355.7/204.8	96.0	0.89	7.0	2.0	2.2
LWYBX3-355M1-4-001	220	1488	391.2/225.2	96.0	0.89	7.0	2.0	2.2
LWYBX3-355M2-4-001	250	1488	444.6/256.0	96.0	0.89	7.0	2.0	2.2
LWYBX3-355L1-4-001	280	1488	497.9/286.7	96.0	0.89	7.0	2.0	2.2
LWYBX3-355L2-4-001	315	1488	560.2/322.5	96.0	0.89	7.0	2.0	2.2
Synhronous speed 1000r/min								
LWYBX3-71M1-6-001	0.18	880	0.65/0.37	63.9	0.66	4.0	1.9	2.0
LWYBX3-71M2-6-001	0.25	880	0.81/0.47	68.6	0.68	4.0	1.9	2.0
LWYBX3-80M1-6-001	0.37	890	1.09/0.63	73.5	0.70	4.7	1.9	2.0
LWYBX3-80M2-6-001	0.55	890	1.50/0.87	77.2	0.72	4.7	1.9	2.1
LWYBX3-90S-6-001	0.75	910	2.01/1.15	78.9	0.72	5.8	2.1	2.1
LWYBX3-90L-6-001	1.1	910	2.83/1.63	81.0	0.73	5.9	2.1	2.1
LWYBX3-100L-6-001	1.5	930	3.73/2.15	92.5	0.74	6.0	2.1	2.1
LWYBX3-112M-6-001	2.2	940	5.36/3.09	84.3	0.74	6.0	2.1	2.1
LWYBX3-132S-6-001	3	960	7.20/4.14	85.6	0.74	6.2	2.0	2.1
LWYBX3-132M1-6-001	4	960	9.46/5.45	86.8	0.74	6.8	2.0	2.1
LWYBX3-132M2-6-001	5.5	960	12.7/7.3	88.0	0.75	7.1	2.0	2.1
LWYBX3-160M-6-001	7.5	970	16.4/9.4	89.1	0.78	6.7	2.1	2.1
LWYBX3-160L-6-001	11	970	23.7/13.7	90.3	0.78	6.9	2.1	2.1
LWYBX3-180L-6-001	15	980	30.9/17.8	91.2	0.81	7.2	2.0	2.1
LWYBX3-200L1-6-001	18.5	980	37.8/21.8	91.7	0.81	7.2	2.1	2.1
LWYBX3-200L2-6-001	22	980	44.2/25.5	92.2	0.82	7.3	2.1	2.1
LWYBX3-225M-6-001	30	980	60.6/34.9	92.9	0.81	7.1	2.0	2.1
LWYBX3-250M-6-001	37	980	71.7/41.3	93.3	0.84	7.1	2.1	2.1
LWYBX3-280S-6-001	45	980	84.8/48.9	93.7	0.86	7.2	2.1	2.0
LWYBX3-280M-6-001	55	980	103.3/59.5	94.1	0.86	7.2	2.1	2.0
LWYBX3-315S-6-001	75	990	141.7/81.6	94.6	0.85	7.0	2.0	2.0
LWYBX3-315M-6-001	90	990	171.5/98.8	94.9	0.84	7.0	2.0	2.0
LWYBX3-315L1-6-001	110	990	206.8/119.0	95.1	0.85	7.0	2.0	2.0
LWYBX3-315L2-6-001	132	990	244.4/140.7	95.4	0.86	7.0	2.0	2.0
LWYBX3-355S-6-001	160	990	292.3/168.3	95.6	0.87	7.0	1.9	2.0
LWYBX3-355M1-6-001	185	990	337.2/194.2	95.8	0.87	7.0	1.9	2.0
LWYBX3-355M2-6-001	200	990	364.6/209.9	95.8	0.87	7.0	1.9	2.0
LWYBX3-355L1-6-001	220	990	401.0/230.9	95.8	0.87	7.0	1.9	2.0
LWYBX3-355L2-6-001	250	990	455.7/262.4	95.8	0.87	7.0	1.9	2.0
LWYBX3-355L3-6-001	280	990	510.4/293.9	95.8	0.87	7.0	1.9	2.0
Synhronous speed 750r/min								
LWYBX3-80M1-8-001	0.18	650	0.76/0.44	58.7	0.61	3.3	1.8	1.9
LWYBX3-80M2-8-001	0.25	650	0.97/0.56	64.1	0.61	3.3	1.8	1.9
LWYBX3-90S-8-001	0.37	670	1.31/0.76	70.1	0.61	4.0	1.8	1.9
LWYBX3-90L-8-001	0.55	670	1.88/1.08	73.0	0.61	4.0	1.8	2.0
LWYBX3-100L1-8-001	0.75	690	2.27/1.31	75.0	0.67	4.0	1.8	2.0
LWYBX3-100L2-8-001	1.1	690	3.21/1.85	77.7	0.67	5.0	1.8	2.0
LWYBX3-112M-8-001	1.5	690	4.03/2.32	79.7	0.71	5.0	1.8	2.0
LWYBX3-132S-8-001	2.2	710	5.75/3.31	81.9	0.71	6.0	1.8	2.0
LWYBX3-132M-8-001	3	710	7.48/4.31	83.5	0.73	6.0	1.8	2.0
LWYBX3-160M1-8-001	4	720	9.82/5.65	84.8	0.73	6.0	1.9	2.0
LWYBX3-160M2-8-001	5.5	720	13.1/7.5	86.2	0.74	6.0	1.9	2.0
LWYBX3-160L-8-001	7.5	720	17.410.0	87.3	0.75	6.0	1.9	2.0
LWYBX3-180L-8-001	11	720	25.2/14.5	88.6	0.75	6.5	2.0	2.0
LWYBX3-200L-8-001	15	730	33.5/19.3	89.6	0.76	6.6	2.0	2.0
LWYBX3-225S-8-001	18.5	740	41.0/23.6	90.1	0.76	6.6	1.9	2.0
LWYBX3-225M-8-001	22	740	47.3/27.2	90.6	0.78	6.6	1.9	2.0
LWYBX3-250M-8-001	30	740	63.2/36.4	91.3	0.79	6.5	1.9	2.0
LWYBX3-280S-8-001	37	740	77.5/44.6	91.8	0.79	6.6	1.9	2.0
LWYBX3-280M-8-001	45	740	93.9/54.0	92.2	0.79	6.6	1.9	2.0
LWYBX3-315S-8-001	55	740	112.9/65.0	92.5	0.80	6.6	1.8	2.0
LWYBX3-315M-8-001	75	740	153.0/88.1	93.1	0.80	6.4	1.8	2.0
LWYBX3-315L1-8-001	90	740	183.0/105.4	93.4	0.80	6.4	1.8	2.0
LWYBX3-315L2-8-001	110	740	217.5/125.2	93.7	0.82	6.4	1.8	2.0
LWYBF3-355S-8-001	132	742	260.2/149.8	94.0	0.82	6.4	1.8	2.0
LWYBF3-355M-8-001	160	742	314.4/181.0	94.3	0.82	6.4	1.8	2.0
LWYBX3-355L1-8-001	185	742	363.5/209.3	94.3	0.82	6.4	1.8	2.0

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Technical Data of LWYBX3 Series High Efficiency Flameproof Three-Phase Asynchronous Motors (380V, 380/660V)

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								
LWYBX3-355L2-8-001	200	742	387.0/222.8	94.6	0.83	6.4	1.8	2.0
LWYBX3-355L3-8-001	220	742	425.7/245.1	94.6	0.83	6.4	1.8	2.0
Synhronous speed 600r/min								
LWYBX3-315S-10-001	45	590	100.0/57.6	91.2	0.75	6.2	1.3	2.0
LWYBX3-315M-10-001	55	590	121.4/69.9	91.8	0.75	6.2	1.3	2.0
LWYBX3-315L1-10-001	75	590	162.4/93.5	92.3	0.76	6.2	1.3	2.0
LWYBX3-315L2-10-001	90	590	191.2/110.1	92.9	0.77	6.2	1.3	2.0
LWYBX3-355S-10-001	90	590	191.2/110.1	92.9	0.77	6.2	1.3	2.0
LWYBX3-355M1-10-001	110	590	230.2/132.5	93.1	0.78	6.0	1.3	2.0
LWYBX3-355M2-10-001	132	590	275.0/158.3	93.5	0.78	6.0	1.3	2.0
LWYBX3-355L1-10-001	160	590	333.3/191.9	93.5	0.78	6.0	1.3	2.0
LWYBX3-355L2-10-001	185	590	385.4/221.9	93.5	0.78	6.0	1.3	2.0

Technical Data of LWYBX3 Series High Efficiency Flameproof Three-Phase Asynchronous Motors (660V, 660/1140V)

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								
LWYBX3-80M1-2-002	0.75	2840	0.98/0.57	80.7	0.83	6.8	2.3	2.3
LWYBX3-80M2-2-002	1.1	2840	1.40/0.81	82.7	0.83	7.3	2.3	2.3
LWYBX3-90S-2-002	1.5	2850	1.86/1.07	84.2	0.84	7.6	2.3	2.3
LWYBX3-90L-2-002	2.2	2850	2.64/1.53	85.9	0.85	7.8	2.3	2.3
LWYBX3-100L-2-002	3	2870	3.46/2.01	87.1	0.87	8.1	2.3	2.3
LWYBX3-112M-2-002	4	2890	4.51/2.61	88.1	0.88	8.3	2.3	2.3
LWYBX3-132S1-2-002	5.5	2900	6.1/3.5	89.2	0.88	8.0	2.2	2.3
LWYBX3-132S2-2-002	7.5	2900	8.2/4.7	90.1	0.89	7.8	2.2	2.3
LWYBX3-160M1-2-002	11	2930	11.9/6.9	91.2	0.89	7.9	2.2	2.3
LWYBX3-160M2-2-002	15	2930	16.0/9.3	91.9	0.89	8.0	2.2	2.3
LWYBX3-160L-2-002	18.5	2930	19.7/11.4	92.4	0.89	8.1	2.2	2.3
LWYBX3-180M-2-002	22	2950	23.3/13.5	92.7	0.89	8.2	2.2	2.3
LWYBX3-200L1-2-002	30	2950	31.6/18.3	93.3	0.89	7.5	2.2	2.3
LWYBX3-200L2-2-002	37	2950	38.8/22.5	93.7	0.89	7.5	2.2	2.3
LWYBX3-225M-2-002	45	2960	47.1/27.2	94.0	0.89	7.6	2.2	2.3
LWYBX3-250M-2-002	55	2960	57.3/33.2	94.3	0.89	7.6	2.2	2.3
LWYBX3-280S-2-002	75	2970	77.8/45.1	94.7	0.89	6.9	2.0	2.3
LWYBX3-280M-2-002	90	2970	93.1/53.9	95.0	0.89	7.0	2.0	2.3
LWYBX3-315S-2-002	110	2980	113.6/65.8	95.2	0.89	7.1	1.9	2.2
LWYBX3-315M-2-002	132	2980	136.0/78.7	95.4	0.89	7.1	1.9	2.2
LWYBX3-315L1-2-002	160	2980	164.5/95.2	95.6	0.89	7.1	1.9	2.2
LWYBX3-315L2-2-002	200	2980	205.2/118.8	95.8	0.89	7.1	1.9	2.2
LWYBX3-355S1-2-002	185	2980	189.8/109.9	95.8	0.89	7.1	1.9	2.2
LWYBX3-355S2-2-002	200	2980	205.2/118.8	95.8	0.89	7.1	1.9	2.2
LWYBX3-355M1-2-002	220	2980	225.7/130.7	95.8	0.89	7.1	1.8	2.2
LWYBX3-355M2-2-002	250	2980	253.6/146.8	95.8	0.90	7.1	1.8	2.2
LWYBX3-355L1-2-002	280	2980	284.1/164.5	95.8	0.90	7.1	1.8	2.2
LWYBX3-355L2-2-002	315	2980	319.6/185.0	95.8	0.90	7.1	1.8	2.2
Synhronous speed 1500r/min								
LWYBX3-80M1-4-002	0.55	1390	0.79/0.46	80.8	0.75	6.3	2.3	2.3
LWYBX3-80M2-4-002	0.75	1390	1.06/0.61	82.5	0.75	6.5	2.3	2.3
LWYBX3-90S-4-002	1.1	1400	1.53/0.88	84.1	0.75	6.6	2.3	2.3
LWYBX3-90L-4-002	1.5	1400	2.05/1.19	85.3	0.75	6.9	2.3	2.3
LWYBX3-100L1-4-002	2.2	1420	2.74/1.59	86.7	0.81	7.5	2.3	2.3
LWYBX3-100L2-4-002	3	1420	3.65/2.11	87.7	0.82	7.6	2.3	2.3

Technical Data of LWYBX3 Series High Efficiency Flameproof Three-Phase Asynchronous Motors (660V, 660/1140V)

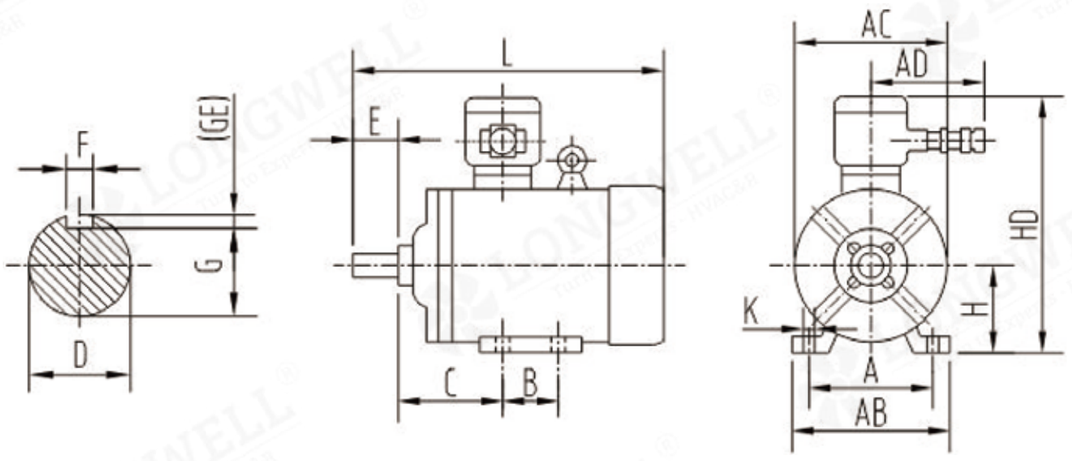
Model	Rated power(KW)	Rated speed(r/min)	Rated current(A)	Efficiency η(%)	Power factor (COSΦ)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)
Synhronous speed 1500r/min								
LWYBX3-112M-4-002	4	1430	4.82/2.79	88.6	0.82	7.7	2.3	2.3
LWYBX3-132S-4-002	5.5	1450	6.5/3.8	89.6	0.82	7.5	2.0	2.3
LWYBX3-132M-4-002	7.5	1450	8.7/5.1	90.4	0.83	7.4	2.0	2.3
LWYBX3-160M-4-002	11	1450	12.4/7.2	91.4	0.85	7.5	2.0	2.3
LWYBX3-160L-4-002	15	1450	16.8/9.7	92.1	0.85	7.5	2.0	2.3
LWYBX3-180M-4-002	18.5	1470	20.3/11.8	92.6	0.86	7.7	2.0	2.3
LWYBX3-180L-4-002	22	1470	24.1/13.9	93.0	0.86	7.8	2.0	2.3
LWYBX3-200L-4-002	30	1470	32.2/18.7	93.6	0.87	7.2	2.0	2.3
LWYBX3-225S-4-002	37	1480	39.6/22.9	93.9	0.87	7.3	2.0	2.3
LWYBX3-225M-4-002	45	1480	48.0/27.8	94.2	0.87	7.4	2.0	2.3
LWYBX3-250M-4-002	55	1480	57.8/33.5	94.6	0.88	7.4	2.0	2.3
LWYBX3-280S-4-002	75	1480	78.5/45.4	95.0	0.88	6.7	2.0	2.3
LWYBX3-280M-4-002	90	1480	92.9/53.8	95.2	0.89	7.0	2.0	2.3
LWYBX3-315S-4-002	110	1485	113.3/65.6	95.4	0.89	7.0	2.0	2.2
LWYBX3-315M-4-002	132	1485	135.7/78.6	95.6	0.89	7.0	2.0	2.2
LWYBX3-315L1-4-002	160	1485	164.2/95.0	95.8	0.89	7.0	2.0	2.2
LWYBX3-315L2-4-002	200	1485	204.8/118.6	96.0	0.89	7.0	2.0	2.2
LWYBX3-355S1-4-002	185	1485	189.4/109.7	96.0	0.89	7.0	2.0	2.2
LWYBX3-355S2-4-002	200	1485	204.8/118.6	96.0	0.89	7.0	2.0	2.2
LWYBX3-355M1-4-002	220	1485	225.2/130.4	96.0	0.89	7.0	2.0	2.2
LWYBX3-355M2-4-002	250	1485	256.0/148.2	96.0	0.89	7.0	2.0	2.2
LWYBX3-355L1-4-002	280	1485	286.7/166.0	96.0	0.89	7.0	2.0	2.2
LWYBX3-355L2-4-002	315	1485	322.5/186.7	96.0	0.89	7.0	2.0	2.2
Synhronous speed 1000r/min								
LWYBX3-80M1-6-002	0.37	890	0.63/0.36	73.5	0.70	4.7	1.9	2.0
LWYBX3-80M2-6-002	0.55	890	0.87/0.50	77.2	0.72	4.7	1.9	2.1
LWYBX3-90S-6-002	0.75	910	1.15/0.67	78.9	0.72	5.8	2.1	2.1
LWYBX3-90L-6-002	1.1	910	1.63/0.94	81.0	0.73	5.9	2.1	2.1
LWYBX3-100L-6-002	1.5	930	2.15/1.24	82.5	0.74	6.0	2.1	2.1
LWYBX3-112M-6-002	2.2	940	3.09/1.79	84.3	0.74	6.0	2.1	2.1
LWYBX3-132S-6-002	3	960	4.14/2.40	85.6	0.74	6.2	2.0	2.1
LWYBX3-132M1-6-002	4	960	5.45/3.15	86.8	0.74	6.8	2.0	2.1
LWYBX3-132M2-6-002	5.5	960	7.29/4.22	88.0	0.75	7.1	2.0	2.1
LWYBX3-160M-6-002	7.5	970	9.4/5.5	89.1	0.78	6.7	2.1	2.1
LWYBX3-160L-6-002	11	970	13.7/7.9	90.3	0.78	6.9	2.1	2.1
LWYBX3-180L-6-002	15	980	17.8/10.3	91.2	0.81	7.2	2.0	2.1
LWYBX3-200L1-6-002	18.5	980	21.8/12.6	91.7	0.81	7.2	2.1	2.1
LWYBX3-200L2-6-002	22	980	25.5/14.7	92.2	0.82	7.3	2.1	2.1
LWYBX3-225M-6-002	30	980	34.9/20.2	92.9	0.81	7.1	2.0	2.1
LWYBX3-250M-6-002	37	980	41.3/23.9	93.3	0.84	7.1	2.1	2.1
LWYBX3-280S-6-002	45	980	48.9/28.3	93.7	0.86	7.2	2.1	2.0
LWYBX3-280M-6-002	55	980	59.5/34.4	94.1	0.86	7.2	2.1	2.0
LWYBX3-315S-6-002	75	990	81.6/47.2	94.6	0.85	7.0	2.0	2.0
LWYBX3-315M-6-002	90	990	98.8/57.2	94.9	0.84	7.0	2.0	2.0
LWYBX3-315L1-6-002	110	990	119.0/68.9	95.1	0.85	7.0	2.0	2.0
LWYBX3-315L2-6-002	132	990	140.7/81.5	95.4	0.86	7.0	2.0	2.0
LWYBX3-355S-6-002	160	990	168.3/97.4	95.6	0.87	7.0	1.9	2.0
LWYBX3-355M1-6-002	185	990	194.2/112.4	95.8	0.87	7.0	1.9	2.0
LWYBX3-355M2-6-002	200	990	209.9/121.5	95.8	0.87	7.0	1.9	2.0
LWYBX3-355L1-6-002	220	990	230.9/133.7	95.8	0.87	7.0	1.9	2.0
LWYBX3-355L2-6-002	250	990	262.4/151.9	95.8	0.87	7.0	1.9	2.0
LWYBX3-355L3-6-002	280	990	293.9/170.1	95.8	0.87	7.0	1.9	2.0
Synhronous speed 750r/min								
LWYBX3-80M1-8-002	0.18	650	0.44/0.25	58.7	0.61	3.3	1.8	1.9
LWYBX3-80M2-8-002	0.25	650	0.56/0.32	64.1	0.61	3.3	1.8	1.9
LWYBX3-90S-8-002	0.37	670	0.76/0.44	70.1	0.61	4.0	1.8	1.9
LWYBX3-90L-8-002	0.55	670	1.08/0.63	73.0	0.61	4.0	1.8	2.0
LWYBX3-100L1-8-002	0.75	690	1.31/0.76	75.0	0.67	4.0	1.8	2.0
LWYBX3-100L2-8-002	1.1	690	1.85/1.07	77.7	0.67	5.0	1.8	2.0
LWYBX3-112M-8-002	1.5	690	2.32/1.34	79.7	0.71	5.0	1.8	2.0
LWYBX3-132S-8-002	2.2	710	3.31/1.92	81.9	0.71	6.0	1.8	2.0
LWYBX3-132M-8-002	3	710	4.31/2.49	83.5	0.73	6.0	1.8	2.0
LWYBX3-160M1-8-002	4	720	5.65/3.27	84.8	0.73	6.0	1.9	2.0
LWYBX3-160M2-8-002	5.5	720	7.54/4.37	86.2	0.74	6.0	1.9	2.0
LWYBX3-160L-8-002	7.5	720	10.0/5.8	87.3	0.75	6.0	1.9	2.0
LWYBX3-180M-8-002	11	720	14.5/8.4	88.6	0.75	6.5	2.0	2.0

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Technical Data of LWYBX3 Series High Efficiency Flameproof Three-Phase Asynchronous Motors (660V, 660/1140V)

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								
LWYBX3-200L-8-002	15	730	19.3/11.2	89.6	0.76	6.6	2.0	2.0
LWYBX3-225S-8-002	18.5	740	23.6/13.7	90.1	0.76	6.6	1.9	2.0
LWYBX3-225M-8-002	22	740	27.2/15.8	90.6	0.78	6.6	1.9	2.0
LWYBX3-250M-8-002	30	740	36.4/21.1	91.3	0.79	6.5	1.9	2.0
LWYBX3-280S-8-002	37	740	44.6/25.8	91.8	0.79	6.6	1.9	2.0
LWYBX3-280M-8-002	45	740	54.0/31.3	92.2	0.79	6.6	1.9	2.0
LWYBX3-315S-8-002	55	740	65.0/37.6	92.5	0.80	6.6	1.8	2.0
LWYBX3-315M-8-002	75	740	88.1/51.0	93.1	0.80	6.4	1.8	2.0
LWYBX3-315L1-8-002	90	740	105.4/61.0	93.4	0.80	6.4	1.8	2.0
LWYBX3-315L2-8-002	110	740	125.2/72.5	93.7	0.82	6.4	1.8	2.0
LWYBX3-355S-8-002	132	742	149.8/86.7	94.0	0.82	6.4	1.8	2.0
LWYBX3-355M-8-002	160	742	181.0/104.8	94.3	0.82	6.4	1.8	2.0
LWYBX3-355L1-8-002	185	742	209.3/121.2	94.3	0.82	6.4	1.8	2.0
LWYBX3-355L2-8-002	200	742	222.8/129.0	94.6	0.83	6.4	1.8	2.0
LWYBX3-355L3-8-002	220	742	245.1/141.9	94.6	0.83	6.4	1.8	2.0
Synhronous speed 600r/min								
LWYBX3-315S-10-002	45	590	57.6/33.3	91.2	0.75	6.2	1.3	2.0
LWYBX3-315M-10-002	55	590	69.9/40.5	91.8	0.75	6.2	1.3	2.0
LWYBX3-315L1-10-002	75	590	93.5/54.1	92.3	0.76	6.2	1.3	2.0
LWYBX3-315L2-10-002	90	590	110.1/63.7	92.9	0.77	6.2	1.3	2.0
LWYBX3-355S-10-002	90	590	110.1/63.7	92.9	0.77	6.2	1.3	2.0
LWYBX3-355M1-10-002	110	590	132.5/76.7	93.1	0.78	6.0	1.3	2.0
LWYBX3-355M2-10-002	132	590	158.3/91.7	93.5	0.78	6.0	1.3	2.0
LWYBX3-355L1-10-002	160	590	191.9/111.1	93.5	0.78	6.0	1.3	2.0
LWYBX3-355L2-10-002	185	590	221.9/128.5	93.5	0.78	6.0	1.3	2.0

Mounting and Overall Dimensions(IM B3 H63-355)

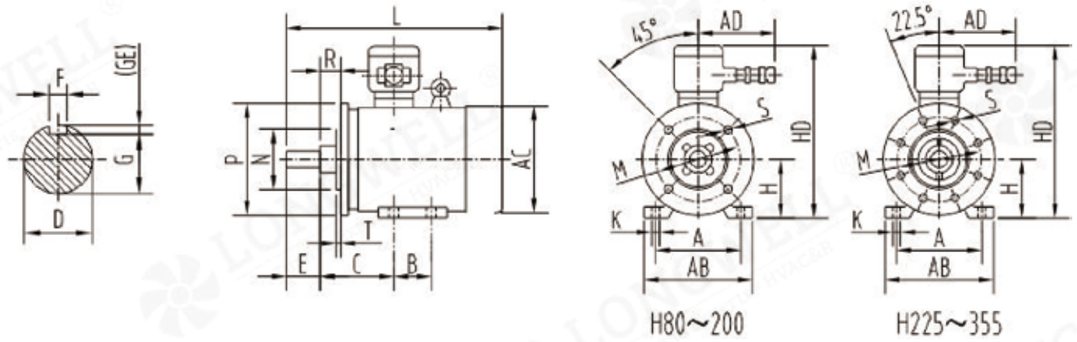


Electric motor with feet on the frame and without a flange on the end shield unit: mm

Frame	Poles	Mounting Dimension									Figure Size				
		A	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L
63M	2.4	100	80	40	11	23	4	8.5	63	7	130	150	170	240	270
71M	2.4.6	112	90	45	14	30	5	11	71	7	140	155	170	250	300
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	10	165	165	180	320	330
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	180	180	180	350	370
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	180	180	180	350	400
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	200	205	180	400	450
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	245	230	200	420	500
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	280	270	200	450	550
132M	2.4.6.8	216	178	89	38	80	10	33	132	12	280	270	200	450	600
160M	2.4.6.8	254	210	108	42	110	12	37	160	14.5	330	325	220	520	720
160L	2.4.6.8	254	254	108	42	110	12	37	160	14.5	330	325	220	520	750
180M	2.4.6.8	279	241	121	48	110	14	42.5	180	14.5	355	360	220	550	775
180L	2.4.6.8	279	279	121	48	110	14	42.5	180	14.5	355	360	220	550	795
200L	2.4.6.8	318	305	133	55	110	16	49	200	18.5	390	400	250	645	840
225S	4.8	356	286	149	60	140	18	53	225	18.5	435	450	250	690	890
225M	2	356	311	149	55	110	16	49	225	18.5	435	450	250	690	890
225M	4.6.8	356	311	149	60	140	18	53	225	18.5	435	450	250	690	920
250M	2	406	349	168	60	140	18	53	250	24	490	500	300	730	965
250M	4.6.8	406	349	168	65	140	18	58	250	24	490	500	300	730	965
280S	2	457	368	190	65	140	18	58	280	24	545	560	300	810	1010
280S	4.6.8	457	368	190	75	140	20	67.5	280	24	545	560	300	810	1010
280M	2	457	419	190	65	140	18	58	280	24	545	560	300	810	1075
280M	4.6.8	457	419	190	75	140	20	67.5	280	24	545	560	300	810	1075
315S	2	508	406	216	65	140	18	58	315	28	630	630	400	1020	1215
315S	4.6.8.10	508	406	216	80	170	22	71	315	28	630	630	400	1020	1260
315M	2	508	457	216	65	140	18	58	315	28	630	630	400	1020	1325
315M	4.6.8.10	508	457	216	80	170	22	71	315	28	630	630	400	1020	1380
315L	2	508	508	216	65	140	18	58	315	28	630	630	400	1020	1325
315L	4.6.8.10	508	508	216	80	170	22	71	315	28	630	630	400	1020	1380
355S	2	610	500	254	75	140	20	67.5	355	28	740	750	400	1080	1455
355S	4.6.8.10	610	500	254	95	170	25	86	355	28	740	750	400	1080	1485
355M	2	610	560	254	75	140	20	67.5	355	28	740	750	400	1080	1535
355M	4.6.8.10	610	560	254	95	170	25	86	355	28	740	750	400	1080	1565
355L	2	610	630	254	75	140	20	67.5	355	28	740	750	400	1080	1645
355L	4.6.8.10	610	630	254	95	170	25	86	355	28	740	750	400	1080	1675

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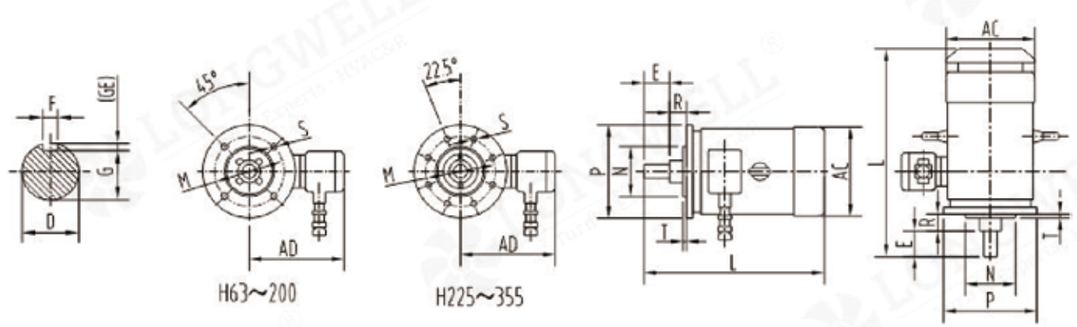
Mounting and Overall Dimensions(IM B35 H80-355)



Electric motor with feet on the frame and a flange (with through holes) on the end shield unit: mm

Frame	Poles	Mounting Dimension																Figure Size		
		A	B	C	D	E	F	G	H	K	M	N	P	R	n-S	T	AB	AC	AD	HD	L
80M	2.4.6.8	125	100	50	19	40	6	16	80	10	165	130	200	0	4-Φ12	3.5	165	165	180	320	330
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	165	130	200	0	4-Φ12	3.5	180	180	180	350	370
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	165	130	200	0	4-Φ12	3.5	180	180	180	350	400
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	215	180	250	0	4-Φ14.5	4	200	205	180	400	450
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	215	180	250	0	4-Φ14.5	4	240	230	200	420	500
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	265	230	300	0	4-Φ14.5	4	280	270	200	450	550
132M	2.4.6.8	216	178	89	38	80	10	33	132	12	265	230	300	0	4-Φ14.5	4	280	270	200	450	600
160M	2.4.6.8	254	210	108	42	110	12	37	160	15	300	250	350	0	4-Φ18.5	5	330	325	220	520	720
160L	2.4.6.8	254	254	108	42	110	12	37	160	15	300	250	350	0	4-Φ18.5	5	330	325	220	520	750
180M	2.4.6.8	279	241	121	48	110	14	43	180	15	300	250	350	0	4-Φ18.5	5	355	360	220	550	775
180L	2.4.6.8	279	279	121	48	110	14	43	180	15	300	250	350	0	4-Φ18.5	5	355	360	220	550	795
200L	2.4.6.8	318	305	133	55	110	16	49	200	19	350	300	400	0	4-Φ18.5	5	390	400	250	645	840
225S	4.8	356	286	149	60	140	18	53	225	19	400	350	450	0	8-Φ18.5	5	435	450	250	690	890
225M	2	356	311	149	55	110	16	49	225	19	400	350	450	0	8-Φ18.5	5	435	450	250	690	890
225M	4.6.8	356	311	149	60	140	18	53	225	19	400	350	450	0	8-Φ18.5	5	435	450	250	690	920
250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	8-Φ18.5	5	490	500	300	730	965
250M	4.6.8	406	349	168	65	140	18	58	250	24	500	450	550	0	8-Φ18.5	5	490	500	300	730	965
280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	8-Φ18.5	5	545	565	300	810	1010
280S	4.6.8	457	368	190	75	140	20	68	280	24	500	450	550	0	8-Φ18.5	5	545	565	300	810	1010
280M	2	457	419	190	65	140	18	58	280	24	500	450	550	0	8-Φ18.5	5	545	565	300	810	1075
280M	4.6.8	457	419	190	75	140	20	68	280	24	500	450	550	0	8-Φ18.5	5	545	565	300	810	1075
315S	2	508	406	216	65	140	18	58	315	28	600	550	660	0	8-Φ24	6	640	630	400	1020	1215
315S	4.6.8.10	508	406	216	80	170	22	71	315	28	600	550	660	0	8-Φ24	6	640	630	400	1020	1260
315M	2	508	457	216	65	140	18	58	315	28	600	550	660	0	8-Φ24	6	640	630	400	1020	1325
315M	4.6.8.10	508	457	216	80	170	22	71	315	28	600	550	660	0	8-Φ24	6	640	630	400	1020	1380
315L	2	508	508	216	65	140	18	58	315	28	600	550	660	0	8-Φ24	6	640	630	400	1020	1325
315L	4.6.8.10	508	508	216	80	170	22	71	315	28	600	550	660	0	8-Φ24	6	640	630	400	1020	1380
355S	2	610	500	254	75	140	20	68	355	28	740	680	800	0	8-Φ24	6	740	750	400	1080	1455
355S	4.6.8.10	610	500	254	95	170	25	86	355	28	740	680	800	0	8-Φ24	6	740	750	400	1080	1485
355M	2	610	560	254	75	140	20	68	355	28	740	680	800	0	8-Φ24	6	740	750	400	1080	1535
355M	4.6.8.10	610	560	254	95	170	25	86	355	28	740	680	800	0	8-Φ24	6	740	750	400	1080	1565
355L	2	610	630	254	75	140	20	68	355	28	740	680	800	0	8-Φ24	6	740	750	400	1080	1645
355L	4.6.8.10	610	630	254	95	170	25	86	355	28	740	680	800	0	8-Φ24	6	740	750	400	1080	1675

Mounting and Overall Dimensions(IM B5 V1 H80-355)

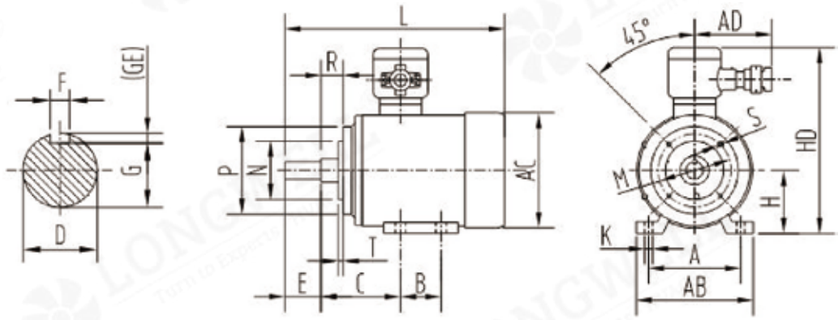


Electric motor without feet on the frame and with a flange (with through holes) on the end shield unit: mm

Frame	Poles	Mounting Dimension											Figure Size	
		D	E	F	G	M	N	P	R	n-S	T	AC	AD	Horizontal(L)	Vertical(L)
63M	2.4	11	23	4	8.5	115	95	140	0	4-Φ10	3	130	170	270	310
71M	2.4.6	14	30	5	11	130	110	160	0	4-Φ10	3	145	170	300	340
80M	2.4.6.8	19	40	6	15.5	165	130	200	0	4-Φ12	3.5	165	240	330	375
90S	2.4.6.8	24	50	8	20	165	130	200	0	4-Φ12	3.5	180	260	360	405
90L	2.4.6.8	24	50	8	20	165	130	200	0	4-Φ12	3.5	180	260	385	430
100L	2.4.6.8	28	60	8	24	215	180	250	0	4-Φ14.5	4	205	300	440	485
112M	2.4.6.8	28	60	8	24	215	180	250	0	4-Φ14.5	4	230	310	460	520
132S	2.4.6.8	38	80	10	33	265	230	300	0	4-Φ14.5	4	270	320	510	590
132M	2.4.6.8	38	80	10	33	265	230	300	0	4-Φ14.5	4	270	320	550	630
160M	2.4.6.8	42	110	12	37	300	250	350	0	4-Φ18.5	5	325	360	670	730
160L	2.4.6.8	42	110	12	37	300	250	350	0	4-Φ18.5	5	325	360	710	770
180M	2.4.6.8	48	110	14	42.5	300	250	350	0	4-Φ18.5	5	360	370	730	800
180L	2.4.6.8	48	110	14	42.5	300	250	350	0	4-Φ18.5	5	360	370	750	820
200L	2.4.6.8	55	110	16	49	350	300	400	0	4-Φ18.5	5	400	445	805	875
225S	4.8	60	140	18	53	400	350	450	0	8-Φ18.5	5	450	465	865	935
225M	2	55	110	16	49	400	350	450	0	8-Φ18.5	5	450	465	860	930
225M	4.6.8	60	140	18	53	400	350	450	0	8-Φ18.5	5	450	465	890	960
250M	2	60	140	18	53	500	450	550	0	8-Φ18.5	5	528	500	945	1035
250M	4.6.8	65	140	18	58	500	450	550	0	8-Φ18.5	5	528	500	945	1035
280S	2	65	140	18	58	500	450	550	0	8-Φ18.5	5	586	550	1010	1110
280S	4.6.8	75	140	20	67.5	500	450	550	0	8-Φ18.5	5	586	550	1010	1110
280M	2	65	140	18	58	500	450	550	0	8-Φ18.5	5	586	550	1060	1150
280M	4.6.8	75	140	20	67.5	500	450	550	0	8-Φ18.5	5	586	550	1060	1150
315S	2	65	140	18	58	600	550	660	0	8-Φ24	6	630	705	-	1340
315S	4.6.8.10	80	170	22	71	600	550	660	0	8-Φ24	6	630	705	-	1370
315M	2	65	140	18	58	600	550	660	0	8-Φ24	6	630	705	-	1420
315M	4.6.8.10	80	170	22	71	600	550	660	0	8-Φ24	6	630	705	-	1450
315L	2	65	140	18	58	600	550	660	0	8-Φ24	6	630	705	-	1510
315L	4.6.8.10	80	170	22	71	600	550	660	0	8-Φ24	6	630	705	-	1540
355S	2	75	140	20	67.5	740	680	800	0	8-Φ24	6	710	725	-	1520
355S	4.6.8.10	95	170	25	86	740	680	800	0	8-Φ24	6	710	725	-	1590
355M	2	75	140	20	67.5	740	680	800	0	8-Φ24	6	710	725	-	1640
355M	4.6.8.10	95	170	25	86	740	680	800	0	8-Φ24	6	710	725	-	1710
355L	2	75	140	20	67.5	740	680	800	0	8-Φ24	6	710	725	-	1750
355L	4.6.8.10	95	170	25	86	740	680	800	0	8-Φ24	6	710	725	-	1780

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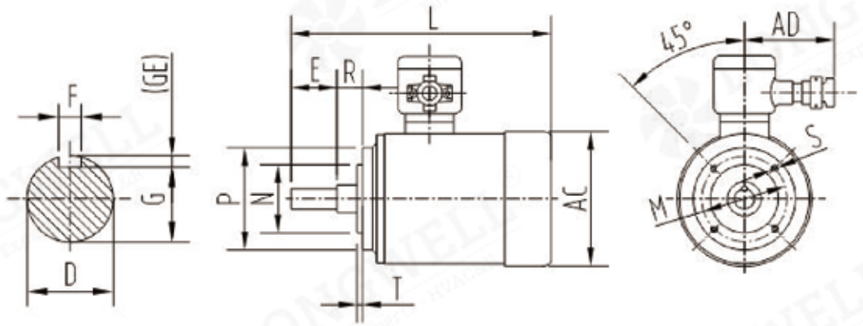
Mounting and Overall Dimensions(IM B34 H63-112)



Electric motor with feet on the frame and a flange (with threaded holes) on the end shield unit: mm

Frame	Poles	Mounting Dimension															Figure Size				
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
63M	2.4	100	80	40	11	23	4	8.5	63	7	75	60	90	0	4-M5	2.5	130	150	170	240	270
71M	2.4.6	112	90	45	14	30	5	11	71	7	85	70	105	0	4-M6	2.5	140	155	170	250	300
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	10	100	80	120	0	4-M6	3	165	165	180	320	330
90S	2.4.6.8	140	125	56	24	50	8	20	90	10	115	95	140	0	4-M8	3	180	180	180	350	380
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	115	95	140	0	4-M8	3	180	180	180	350	410
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	130	110	160	0	4-M8	3.5	200	205	180	400	473
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	130	110	160	0	4-M8	3.5	245	230	200	420	520

Mounting and Overall Dimensions(IM B14 H63-112)



Electric motor without feet on the frame and with a flange (with threaded holes) on the end shield unit: mm

Frame	Poles	Mounting Dimension										Figure Size		
		D	E	F	G	M	N	P	R	S	T	AC	AD	L
63M	2.4	11	23	4	8.5	75	60	90	0	4-M5	2.5	150	170	270
71M	2.4.6	14	30	5	11	85	70	105	0	4-M6	2.5	155	170	300
80M	2.4.6.8	19	40	6	15.5	100	80	120	0	4-M6	3	165	180	330
90S	2.4.6.8	24	50	8	20	115	95	140	0	4-M8	3	180	180	380
90L	2.4.6.8	24	50	8	20	115	95	140	0	4-M8	3	180	180	410
100L	2.4.6.8	28	60	8	24	130	110	160	0	4-M8	3.5	205	180	473
112M	2.4.6.8	28	60	8	24	130	110	160	0	4-M8	3.5	230	200	520