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 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

—— **LWYBX4 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.

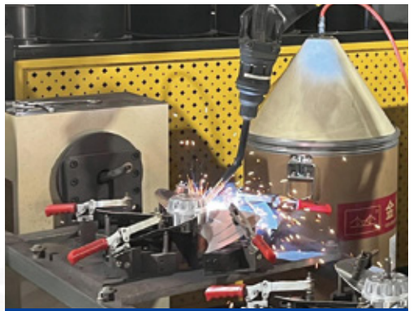
At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials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

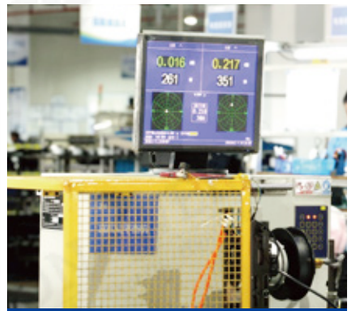
LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

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

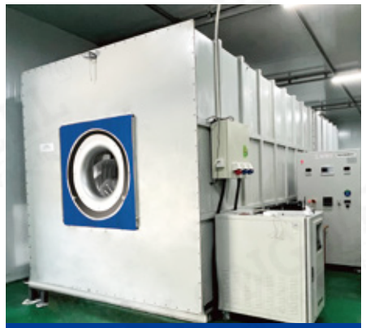

Automatic Welding


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

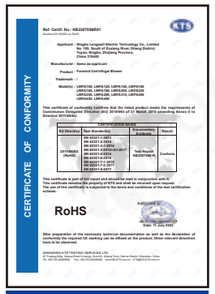

Own-Brand


Own-Brand


ETL


ETL

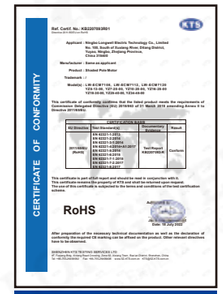

CE


RoHS


CE


CE


CE


RoHS


ETL


ETL


ETL


CE

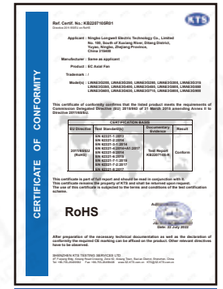

CE


ISO 9001


ISO 9001


RoHS


RoHS


RoHS


RoHS


RoHS


CE


CE


CE

LONGWELL®
Turn to Experts - HVAC&R

LWYBX4 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 4 - 132 M 1 - 6 - 001

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

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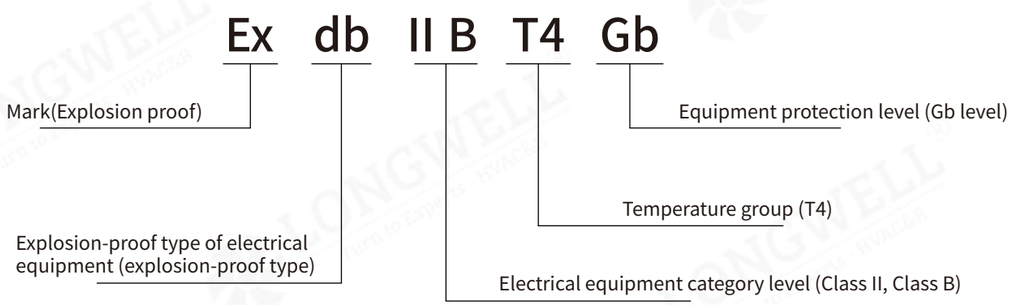
LWYBX4 Series High Efficiency Flameproof Three-phase Asynchronous Motor

Product Overview

This series of flameproof motors is the basic series of fully enclosed, self-fan cooling, sguirrel cage, 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 dimensions conform to the International Electrotechnical Commission (IEC) standards, and the explosion-proof performance conforms to GB/T3836.1-2021 "Explosive Atmospheres Part 1: General Requirements for Equipment" and GB/T3836.2-2021 "Explosive Atmospheres Part 2: Equipment protected by explosion-proof enclosure "d", Motors with different explosion-proof marks are suitable for fixed equipment in coal mines containing methane or coal dust (non-excavation working face) (explosion-proof mark is Ex dbI Mb) or containing Class II Class B Class T1-T4 flammable gas or vapor and air Places where explosive mixtures are formed on equipment (explosion proof mark Ex dbII BT4 Gb).

Explosion proof marks are: Ex dbI Mb, Ex dbII B T4 Gb

Explosion-proof mark meaning:



Technical Parmeters

1) Basic Parameters

Center height range: 80-355mm

Power range: 0.18-315kW

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

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

Protection class: IP 55

Thermal rating: 155 (F)

Working system: S1 continuous working system

Cooling method: IC411

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

2) Conditions of Use

Working environment temperature: -15 C~+40 ℃

Altitude requirement: no more than 1000 meters

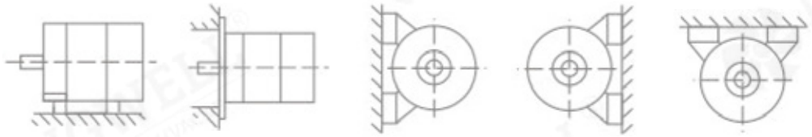
If there are other special requirements for special environment, temperature, etc., please put it forward when ordering.

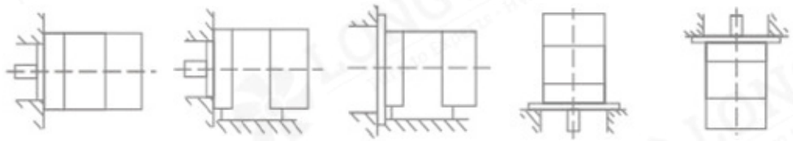
Basic Insttallation Structure and Main Structure

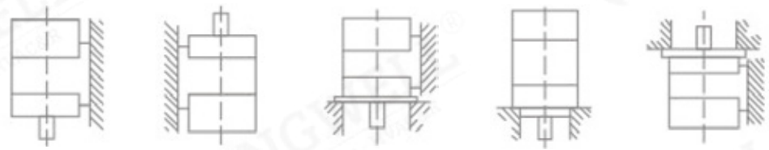
5 kinds of basic and kinds of common strure and manufacturing

Frame Size	Structure and Mounting Type Code
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 structure performance and high protection level, and has a large cavity for easy wiring. The incoming wire is divided into three types: rubber sheathed cable, steel pipe wiring and flameproof gland thread outlet (can be customized). According to different starting requirements, it can be made into one wire inlet (suitable for direct starting of the motor) and two wire inlets (suitable for Y-△ starting of the motor). 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
M5	80~132	One	Φ25	M30×2	Normal
M6	160~180	One	Φ35	M36×2	Normal

Specifications of connection box	For frame size	Number of entrance	The max outer diameter of inlet cabie	Thread of conduit entry	Scope of supply
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 of the motor, explosion-proof mark, explosionproof grade, wiring method of the junction box, and rotation direction.

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

When ordering other series of motors and derived motors in this catalog, follow these instructions without notice. Thank you for your cooperation.

Technical Data of LWYBX4 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								
LWYBX4-80M1-2-001	0.75	2895	1.64/0.95	83.5	0.83	8.5	2.2	2.3
LWYBX4-80M2-2-001	1.1	2895	2.36/1.36	85.2	0.83	8.5	2.2	2.3
LWYBX4-90S-2-001	1.5	2890	3.10/1.78	86.5	0.85	9.0	2.2	2.3
LWYBX4-90L-2-001	2.2	2895	4.42/2.54	88.0	0.86	9.0	2.2	2.3
LWYBX4-100L-2-001	3	2910	5.88/3.39	89.1	0.87	9.5	2.2	2.3
LWYBX4-112M-2-001	4	2915	7.67/4.42	90.0	0.88	9.5	2.2	2.3
LWYBX4-132S1-2-001	5.5	2950	10.4/6.0	90.9	0.88	9.5	2.0	2.3
LWYBX4-132S2-2-001	7.5	2950	14.0/8.0	91.7	0.89	9.5	2.0	2.3
LWYBX4-160M1-2-001	11	2955	20.3/11.7	92.6	0.89	9.5	2.0	2.3
LWYBX4-160M2-2-001	15	2955	27.4/15.8	93.3	0.89	9.5	2.0	2.3
LWYBX4-160L-2-001	18.5	2955	33.7/19.4	93.7	0.89	9.5	2.0	2.3
LWYBX4-180M-2-001	22	2970	40.0/23.0	94.0	0.89	9.5	2.0	2.3
LWYBX4-200L1-2-001	30	2975	54.2/31.2	94.5	0.89	9.0	2.0	2.3
LWYBX4-200L2-2-001	37	2975	66.6/38.4	94.8	0.89	9.0	2.0	2.3
LWYBX4-225M-2-001	45	2975	80.9/46.6	95.0	0.89	9.0	2.0	2.3
LWYBX4-250M-2-001	55	2985	98.5/56.7	95.3	0.89	9.0	2.0	2.3
LWYBX4-280S-2-001	75	2985	133.9/77.1	95.6	0.89	8.5	1.8	2.3
LWYBX4-280M-2-001	90	2985	160.4/92.3	95.8	0.89	8.5	1.8	2.3
LWYBX4-315S-2-001	110	2990	195.6/112.6	96.0	0.89	8.5	1.8	2.3
LWYBX4-315M-2-001	132	2990	234.2/134.9	96.2	0.89	8.5	1.8	2.3
LWYBX4-315L1-2-001	160	2990	283.6/163.3	96.3	0.89	8.5	1.8	2.2
LWYBX4-315L2-2-001	200	2990	349.9/201.4	96.5	0.90	8.5	1.8	2.2
LWYBX4-355S1-2-001	185	2990	327.6/188.6	96.4	0.89	8.5	1.8	2.2
LWYBX4-355S2-2-001	200	2990	349.9/201.4	96.5	0.90	8.5	1.8	2.2
LWYBX4-355M1-2-001	220	2990	384.9/221.6	96.5	0.90	8.5	1.8	2.2
LWYBX4-355M2-2-001	250	2990	432.5/249.0	96.5	0.91	8.5	1.6	2.2
LWYBX4-355L1-2-001	280	2990	484.4/278.9	96.5	0.91	8.5	1.6	2.2
LWYBX4-355L2-2-001	315	2990	545.0/313.8	96.5	0.91	8.5	1.6	2.2
Synhronous speed 1500r/min								
LWYBX4-80M1-4-001	0.55	1440	1.35/0.77	83.9	0.74	8.5	2.3	2.3
LWYBX4-80M2-4-001	0.75	1440	1.8/1.0	85.7	0.74	8.5	2.3	2.3
LWYBX4-90S-4-001	1.1	1445	2.56/1.47	87.2	0.75	8.5	2.3	2.3
LWYBX4-90L-4-001	1.5	1445	3.4/1.96	88.2	0.76	9.0	2.3	2.3
LWYBX4-100L1-4-001	2.2	1460	4.73/2.72	89.5	0.79	9.0	2.3	2.3
LWYBX4-100L2-4-001	3	1460	6.30/3.63	90.4	0.80	9.5	2.3	2.3
LWYBX4-112M-4-001	4	1465	8.34/4.80	91.1	0.80	9.5	2.3	2.3
LWYBX4-132S-4-001	5.5	1475	11.4/6.5	91.9	0.80	9.5	2.0	2.3
LWYBX4-132M-4-001	7.5	1475	15.2/8.7	92.6	0.81	9.5	2.0	2.3
LWYBX4-160M-4-001	11	1475	21.6/12.4	93.3	0.83	9.5	2.0	2.3
LWYBX4-160L-4-001	15	1475	28.9/16.6	93.9	0.84	9.5	2.0	2.3
LWYBX4-180M-4-001	18.5	1482	35.1/20.2	94.2	0.85	9.5	2.0	2.3
LWYBX4-180L-4-001	22	1482	41.6/24.0	94.5	0.85	9.5	2.0	2.3
LWYBX4-200L-4-001	30	1485	56.5/32.5	94.9	0.85	9.0	2.0	2.3
LWYBX4-225S-4-001	37	1485	69.5/40.0	95.2	0.85	9.0	2.0	2.3
LWYBX4-225M-4-001	45	1485	84.3/48.5	95.4	0.85	9.0	2.0	2.3
LWYBX4-250M-4-001	55	1490	101.5/58.5	95.7	0.86	9.0	2.0	2.3
LWYBX4-280S-4-001	75	1490	136.4/78.6	96.0	0.87	8.5	2.0	2.3
LWYBX4-280M-4-001	90	1490	161.7/93.1	96.1	0.88	8.5	2.0	2.3
LWYBX4-315S-4-001	110	1490	195.0/112.3	96.3	0.89	8.5	1.8	2.2
LWYBX4-315M-4-001	132	1490	233.8/134.6	96.4	0.89	8.5	1.8	2.2
LWYBX4-315L1-4-001	160	1490	279.6/161.0	96.6	0.90	8.5	1.8	2.2
LWYBX4-315L2-4-001	200	1490	349.2/201.0	96.7	0.90	8.5	1.8	2.2
LWYBX4-355S1-4-001	185	1490	323.3/186.1	96.6	0.90	8.5	1.8	2.2
LWYBX4-355S2-4-001	200	1490	349.2/201.0	96.7	0.90	8.5	1.8	2.2
LWYBX4-355M1-4-001	220	1490	384.1/221.1	96.7	0.90	8.5	1.8	2.2
LWYBX4-355M2-4-001	250	1490	436.4/251.3	96.7	0.90	8.5	1.8	2.2
LWYBX4-355L1-4-001	280	1490	488.8/281.4	96.7	0.90	8.5	1.8	2.2
LWYBX4-355L2-4-001	315	1490	549.9/316.6	96.7	0.90	8.5	1.8	2.2

Technical Data of LWYBX4 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 1000r/min								
LWYBX4-80M1-6-001	0.37	935	1.03/0.59	78.0	0.70	6.0	1.9	2.0
LWYBX4-80M2-6-001	0.55	940	1.48/0.85	80.9	0.70	6.0	1.9	2.1
LWYBX4-90S-6-001	0.75	955	1.97/1.13	82.7	0.70	7.5	2.1	2.1
LWYBX4-90L-6-001	1.1	955	2.83/1.63	84.5	0.70	7.5	2.1	2.1
LWYBX4-100L-6-001	1.5	965	3.74/2.15	85.9	0.71	7.5	2.1	2.1
LWYBX4-112M-6-001	2.2	970	5.39/3.10	87.4	0.71	7.5	2.1	2.1
LWYBX4-132S-6-001	3	975	7.25/4.17	88.6	0.71	7.5	2.0	2.1
LWYBX4-132M1-6-001	4	975	9.43/5.43	89.5	0.72	8.0	2.0	2.1
LWYBX4-132M2-6-001	5.5	975	12.8/7.4	90.5	0.72	8.0	2.0	2.1
LWYBX4-160M-6-001	7.5	980	16.4/9.5	91.3	0.76	8.0	2.0	2.1
LWYBX4-160L-6-001	11	980	23.5/13.5	92.3	0.77	8.5	2.0	2.1
LWYBX4-180L-6-001	15	985	30.7/17.7	92.9	0.80	8.5	2.0	2.1
LWYBX4-200L1-6-001	18.5	985	37.6/21.7	93.4	0.80	8.5	2.0	2.1
LWYBX4-200L2-6-001	22	985	44.0/25.4	93.7	0.81	8.5	2.0	2.1
LWYBX4-225M-6-001	30	990	59.0/34.0	94.2	0.82	8.3	2.0	2.1
LWYBX4-250M-6-001	37	990	71.7/41.3	94.5	0.83	8.3	2.0	2.1
LWYBX4-280S-6-001	45	990	86.9/50.0	94.8	0.83	8.5	2.0	2.0
LWYBX4-280M-6-001	55	990	104.6/60.2	95.1	0.84	8.5	2.0	2.0
LWYBX4-315S-6-001	75	990	142.2/81.9	95.4	0.84	8.0	1.6	2.0
LWYBX4-315M-6-001	90	995	168.3/96.9	95.6	0.85	8.0	1.6	2.0
LWYBX4-315L1-6-001	110	995	205.2/118.2	95.8	0.85	8.0	1.6	2.0
LWYBX4-315L2-6-001	132	995	242.9/139.9	96.0	0.86	8.0	1.6	2.0
LWYBX4-355S-6-001	160	995	293.8/169.2	96.2	0.86	8.0	1.6	2.0
LWYBX4-355M1-6-001	185	995	339.7/195.6	96.2	0.86	8.0	1.6	2.0
LWYBX4-355M2-6-001	200	995	366.9/211.3	96.3	0.86	8.0	1.6	2.0
LWYBX4-355L1-6-001	220	995	403.6/232.4	96.3	0.86	8.0	1.6	2.0
LWYBX4-355L2-6-001	250	995	457.7/263.5	96.5	0.86	8.0	1.6	2.0
Synhronous speed 750r/min								
LWYBX4-80M1-8-001	0.18	685	0.67/0.38	67.2	0.61	4.0	1.8	1.9
LWYBX4-80M2-8-001	0.25	685	0.88/0.51	70.8	0.61	4.0	1.8	1.9
LWYBX4-90S-8-001	0.37	700	1.24/0.71	74.3	0.61	4.0	1.8	1.9
LWYBX4-90L-8-001	0.55	700	1.78/1.02	77.0	0.61	4.0	1.8	2.0
LWYBX4-100L1-8-001	0.75	710	2.20/1.27	78.4	0.66	7.0	2.0	2.0
LWYBX4-100L2-8-001	1.1	710	3.09/1.78	80.8	0.67	7.0	2.0	2.0
LWYBX4-112M-8-001	1.5	710	4.00/2.30	82.6	0.69	7.0	2.0	2.0
LWYBX4-132S-8-001	2.2	725	5.65/3.25	84.5	0.70	7.5	1.8	2.0
LWYBX4-132M-8-001	3	725	7.58/4.36	85.9	0.70	7.8	1.8	2.0
LWYBX4-160M1-8-001	4	725	9.83/5.66	87.1	0.71	7.9	1.8	2.0
LWYBX4-160M2-8-001	5.5	725	13.1/7.6	88.3	0.72	8.1	1.8	2.0
LWYBX4-160L-8-001	7.5	730	17.2/9.9	89.3	0.74	7.8	1.8	2.0
LWYBX4-180L-8-001	11	735	25.0/14.4	90.4	0.74	7.9	1.8	2.0
LWYBX4-200L-8-001	15	735	33.3/19.2	91.2	0.75	8.0	1.8	2.0
LWYBX4-225S-8-001	18.5	740	40.9/23.5	91.7	0.75	8.1	1.8	2.0
LWYBX4-225M-8-001	22	740	47.8/27.5	92.1	0.76	8.3	1.8	2.0
LWYBX4-250M-8-001	30	740	63.9/36.8	92.7	0.77	7.9	1.8	2.0
LWYBX4-280S-8-001	37	740	77.4/44.6	93.1	0.78	7.9	1.8	2.0
LWYBX4-280M-8-001	45	745	93.8/54.0	93.4	0.78	7.9	1.8	2.0
LWYBX4-315S-8-001	55	745	111.5/64.2	93.7	0.80	8.2	1.6	2.0
LWYBX4-315M-8-001	75	745	151.2/87.1	94.2	0.80	7.6	1.6	2.0
LWYBX4-315L1-8-001	90	745	178.8/103.0	94.4	0.81	7.7	1.6	2.0
LWYBX4-315L2-8-001	110	745	217.9/125.4	94.7	0.81	7.7	1.6	2.0
LWYBX4-355S-8-001	132	745	260.9/150.2	94.9	0.81	7.7	1.6	2.0
LWYBX4-355M-8-001	160	745	311.7/179.5	95.1	0.82	7.7	1.6	2.0
LWYBX4-355L1-8-001	185	745	359.7/207.1	95.3	0.82	7.8	1.6	2.0
LWYBX4-355L2-8-001	200	745	388.4/223.6	95.4	0.82	7.8	1.6	2.0
Synhronous speed 600r/min								
LWYBX4-315S-10-001	45	590	100.0/57.6	91.2	0.75	6.2	1.3	2.0
LWYBX4-315M-10-001	55	590	121.4/69.9	91.8	0.75	6.2	1.3	2.0
LWYBX4-315L1-10-001	75	590	162.4/93.5	92.3	0.76	6.2	1.3	2.0
LWYBX4-315L2-10-001	90	590	191.2/110.1	92.9	0.77	6.2	1.3	2.0
LWYBX4-355S-10-001	90	595	191.2/110.1	92.9	0.77	6.2	1.3	2.0
LWYBX4-355M1-10-001	110	595	230.2/132.5	93.1	0.78	6.0	1.3	2.0
LWYBX4-355M2-10-001	132	595	275.0/158.3	93.5	0.78	6.0	1.3	2.0
LWYBX4-355L1-10-001	160	595	333.3/191.9	93.5	0.78	6.0	1.3	2.0
LWYBX4-355L2-10-001	185	595	385.4/221.9	93.5	0.78	6.0	1.3	2.0

Technical Data of LWYBX4 Series High Efficiency Flameproof Three-Phase Asynchronous Motors (660V, 660/1140V)

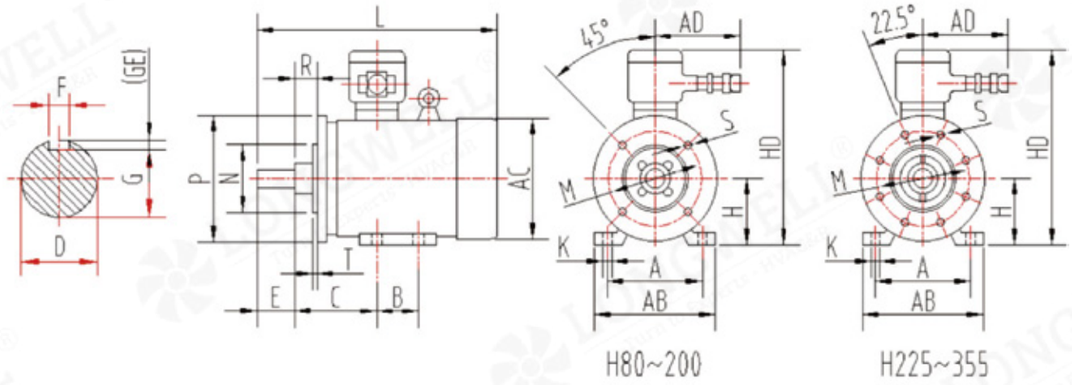
Model	Rated power(KW)	Rated speed(r/min)	Rated current(A)	Efficiency η(%)	Power factor (COSΦ)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)
Synhronous speed 3000r/min								
LWYBX4-80M1-2-002	0.75	2895	0.95/0.55	83.5	0.83	8.5	2.2	2.3
LWYBX4-80M2-2-002	1.1	2895	1.36/0.79	85.2	0.83	8.5	2.2	2.3
LWYBX4-90S-2-002	1.5	2890	1.78/1.03	86.5	0.85	9.0	2.2	2.3
LWYBX4-90L-2-002	2.2	2895	2.54/1.47	88.0	0.86	9.0	2.2	2.3
LWYBX4-100L-2-002	3	2910	3.39/1.96	89.1	0.87	9.5	2.2	2.3
LWYBX4-112M-2-002	4	2915	4.42/2.56	90.0	0.88	9.5	2.2	2.3
LWYBX4-132S1-2-002	5.5	2950	6.0/3.5	90.9	0.88	9.5	2.0	2.3
LWYBX4-132S2-2-002	7.5	2950	8.0/4.7	91.7	0.89	9.5	2.0	2.3
LWYBX4-160M1-2-002	11	2955	11.7/6.8	92.6	0.89	9.5	2.0	2.3
LWYBX4-160M2-2-002	15	2955	15.8/9.1	93.3	0.89	9.5	2.0	2.3
LWYBX4-160L-2-002	18.5	2955	19.4/11.2	93.7	0.89	9.5	2.0	2.3
LWYBX4-180M-2-002	22	2970	23.0/13.3	94.0	0.89	9.5	2.0	2.3
LWYBX4-200L1-2-002	30	2975	31.2/18.1	94.5	0.89	9.0	2.0	2.3
LWYBX4-200L2-2-002	37	2975	38.4/22.2	94.8	0.89	9.0	2.0	2.3
LWYBX4-225M-2-002	45	2975	46.6/27.0	95.0	0.89	9.0	2.0	2.3
LWYBX4-250M-2-002	55	2985	56.7/32.8	95.3	0.89	9.0	2.0	2.3
LWYBX4-280S-2-002	75	2985	77.1/44.6	95.6	0.89	8.5	1.8	2.3
LWYBX4-280M-2-002	90	2985	92.3/53.5	95.8	0.89	8.5	1.8	2.3
LWYBX4-315S-2-002	110	2990	112.6/65.2	96.0	0.89	8.5	1.8	2.3
LWYBX4-315M-2-002	132	2990	134.9/78.1	96.2	0.89	8.5	1.8	2.3
LWYBX4-315L1-2-002	160	2990	163.3/94.5	96.3	0.89	8.5	1.8	2.2
LWYBX4-315L2-2-002	200	2990	201.4/116.6	96.5	0.90	8.5	1.8	2.2
LWYBX4-355S1-2-002	185	2990	188.6/109.2	96.4	0.89	8.5	1.8	2.2
LWYBX4-355S2-2-002	200	2990	201.4/116.6	96.5	0.90	8.5	1.8	2.2
LWYBX4-355M1-2-002	220	2990	221.6/128.3	96.5	0.90	8.5	1.8	2.2
LWYBX4-355M2-2-002	250	2990	249.0/144.2	96.5	0.91	8.5	1.8	2.2
LWYBX4-355L1-2-002	280	2990	278.9/161.5	96.5	0.91	8.5	1.8	2.2
LWYBX4-355L2-2-002	315	2990	313.8/181.7	96.5	0.91	8.5	1.8	2.2
Synhronous speed 1500r/min								
LWYBX4-80M1-4-002	0.55	1440	0.77/0.45	83.9	0.74	8.5	2.3	2.3
LWYBX4-80M2-4-002	0.75	1440	1.03/0.6	85.7	0.74	8.5	2.3	2.3
LWYBX4-90S-4-002	1.1	1445	1.47/0.85	87.2	0.75	8.5	2.3	2.3
LWYBX4-90L-4-002	1.5	1445	1.96/1.13	88.2	0.76	9.0	2.3	2.3
LWYBX4-100L1-4-002	2.2	1460	2.72/1.58	89.5	0.79	9.0	2.3	2.3
LWYBX4-100L2-4-002	3	1460	3.63/2.10	90.4	0.80	9.5	2.3	2.3
LWYBX4-112M-4-002	4	1465	4.80/2.78	91.1	0.80	9.5	2.3	2.3
LWYBX4-132S-4-002	5.5	1475	6.5/3.8	91.9	0.80	9.5	2.0	2.3
LWYBX4-132M-4-002	7.5	1475	8.7/5.1	92.6	0.81	9.5	2.0	2.3
LWYBX4-160M-4-002	11	1475	12.4/7.2	93.3	0.83	9.5	2.0	2.3
LWYBX4-160L-4-002	15	1475	16.6/9.6	93.9	0.84	9.5	2.0	2.3
LWYBX4-180M-4-002	18.5	1482	20.2/11.7	94.2	0.85	9.5	2.0	2.3
LWYBX4-180L-4-002	22	1482	24.0/13.9	94.5	0.85	9.5	2.0	2.3
LWYBX4-200L-4-002	30	1485	32.5/18.8	94.9	0.85	9.0	2.0	2.3
LWYBX4-225S-4-002	37	1485	40.0/23.2	95.2	0.85	9.0	2.0	2.3
LWYBX4-225M-4-002	45	1485	48.5/28.1	95.4	0.85	9.0	2.0	2.3
LWYBX4-250M-4-002	55	1490	58.5/33.8	95.7	0.86	9.0	2.0	2.3
LWYBX4-280S-4-002	75	1490	78.6/45.5	96.0	0.87	8.5	2.0	2.3
LWYBX4-280M-4-002	90	1490	93.1/53.9	96.1	0.88	8.5	2.0	2.3
LWYBX4-315S-4-002	110	1490	112.3/65.0	96.3	0.89	8.5	1.8	2.2
LWYBX4-315M-4-002	132	1490	134.6/77.9	96.4	0.89	8.5	1.8	2.2
LWYBX4-315L1-4-002	160	1490	161.0/93.2	96.6	0.90	8.5	1.8	2.2
LWYBX4-315L2-4-002	200	1490	201.0/116.4	96.7	0.90	8.5	1.8	2.2
LWYBX4-355S1-4-002	185	1490	186.1/107.8	96.6	0.90	8.5	1.8	2.2
LWYBX4-355S2-4-002	200	1490	201.0/116.4	96.7	0.90	8.5	1.8	2.2
LWYBX4-355M1-4-002	220	1490	221.1/128.0	96.7	0.90	8.5	1.8	2.2
LWYBX4-355M2-4-002	250	1490	251.3/145.5	96.7	0.90	8.5	1.8	2.2
LWYBX4-355L1-4-002	280	1490	281.4/162.9	96.7	0.90	8.5	1.8	2.2
LWYBX4-355L2-4-002	315	1490	316.6/183.3	96.7	0.90	8.5	1.8	2.2

Technical Data of LWYBX4 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 1000r/min								
LWYBX4-80M1-6-002	0.37	935	0.59/0.34	78.0	0.70	6.0	1.9	2.0
LWYBX4-80M2-6-002	0.55	940	0.85/0.49	80.9	0.70	6.0	1.9	2.1
LWYBX4-90S-6-002	0.75	955	1.13/0.66	82.7	0.70	7.5	2.1	2.1
LWYBX4-90L-6-002	1.1	955	1.63/0.94	84.5	0.70	7.5	2.1	2.1
LWYBX4-100L-6-002	1.5	965	2.15/1.25	85.9	0.71	7.5	2.1	2.1
LWYBX4-112M-6-002	2.2	970	3.10/1.80	87.4	0.71	7.5	2.1	2.1
LWYBX4-132S-6-002	3	975	4.17/2.42	88.6	0.71	7.5	2.0	2.1
LWYBX4-132M1-6-002	4	975	5.43/3.14	89.5	0.72	8.0	2.0	2.1
LWYBX4-132M2-6-002	5.5	975	7.38/4.27	90.5	0.72	8.0	2.0	2.1
LWYBX4-160M-6-002	7.5	980	9.5/5.5	91.3	0.76	8.0	2.0	2.1
LWYBX4-160L-6-002	11	980	13.5/7.8	92.3	0.77	8.5	2.0	2.1
LWYBX4-180L-6-002	15	985	17.7/10.2	92.9	0.80	8.5	2.0	2.1
LWYBX4-200L1-6-002	18.5	985	21.7/12.5	93.4	0.80	8.5	2.0	2.1
LWYBX4-200L2-6-002	22	985	25.4/14.7	93.7	0.81	8.5	2.0	2.1
LWYBX4-225M-6-002	30	990	34.0/19.7	94.2	0.82	8.3	2.0	2.1
LWYBX4-250M-6-002	37	990	41.3/23.9	94.5	0.83	8.3	2.0	2.1
LWYBX4-280S-6-002	45	990	50.0/29.0	94.8	0.83	8.5	2.0	2.0
LWYBX4-280M-6-002	55	990	60.2/34.9	95.1	0.84	8.5	2.0	2.0
LWYBX4-315S-6-002	75	990	81.9/47.4	95.4	0.84	8.0	1.6	2.0
LWYBX4-315M-6-002	90	995	96.9/56.1	95.6	0.85	8.0	1.6	2.0
LWYBX4-315L1-6-002	110	995	118.2/68.4	95.8	0.85	8.0	1.6	2.0
LWYBX4-315L2-6-002	132	995	139.9/81.0	96.0	0.86	8.0	1.6	2.0
LWYBX4-355S-6-002	160	995	169.2/97.9	96.2	0.86	8.0	1.6	2.0
LWYBX4-355M1-6-002	185	995	195.6/113.2	96.2	0.86	8.0	1.6	2.0
LWYBX4-355M2-6-002	200	995	211.3/122.3	96.3	0.86	8.0	1.6	2.0
LWYBX4-355L1-6-002	220	995	232.4/134.5	96.3	0.86	8.0	1.6	2.0
LWYBX4-355L2-6-002	250	995	263.5/152.6	96.5	0.86	8.0	1.6	2.0
Synhronous speed 750r/min								
LWYBX4-80M1-8-002	0.18	685	0.38/0.22	67.2	0.61	4.0	1.8	1.9
LWYBX4-80M2-8-002	0.25	685	0.51/0.29	70.8	0.61	4.0	1.8	1.9
LWYBX4-90S-8-002	0.37	700	0.71/0.41	74.3	0.61	4.0	1.8	1.9
LWYBX4-90L-8-002	0.55	700	1.02/0.59	77.0	0.61	4.0	1.8	2.0
LWYBX4-100L1-8-002	0.75	710	1.27/0.73	78.4	0.66	7.0	2.0	2.0
LWYBX4-100L2-8-002	1.1	710	1.78/1.03	80.8	0.67	7.0	2.0	2.0
LWYBX4-112M-8-002	1.5	710	2.30/1.33	82.6	0.69	7.0	2.0	2.0
LWYBX4-132S-8-002	2.2	725	3.25/1.88	84.5	0.70	7.5	1.8	2.0
LWYBX4-132M-8-002	3	725	4.36/2.53	85.9	0.70	7.8	1.8	2.0
LWYBX4-160M1-8-002	4	725	5.66/3.28	87.1	0.71	7.9	1.8	2.0
LWYBX4-160M2-8-002	5.5	725	7.57/4.38	88.3	0.72	8.1	1.8	2.0
LWYBX4-160L-8-002	7.5	730	9.9/5.7	89.3	0.74	7.8	1.8	2.0
LWYBX4-180L-8-002	11	735	14.4/8.3	90.4	0.74	7.9	1.8	2.0
LWYBX4-200L-8-002	15	735	19.2/11.1	91.2	0.75	8.0	1.8	2.0
LWYBX4-225S-8-002	18.5	740	23.5/13.6	91.7	0.75	8.1	1.8	2.0
LWYBX4-225M-8-002	22	740	27.5/15.9	92.1	0.76	8.3	1.8	2.0
LWYBX4-250M-8-002	30	740	36.8/21.3	92.7	0.77	7.9	1.8	2.0
LWYBX4-280S-8-002	37	740	44.6/25.8	93.1	0.78	7.9	1.8	2.0
LWYBX4-280M-8-002	45	745	54.0/31.3	93.4	0.78	7.9	1.8	2.0
LWYBX4-315S-8-002	55	745	64.2/37.2	93.7	0.80	8.2	1.6	2.0
LWYBX4-315M-8-002	75	745	87.1/50.4	94.2	0.80	7.6	1.6	2.0
LWYBX4-315L1-8-002	90	745	103.0/59.6	94.4	0.81	7.7	1.6	2.0
LWYBX4-315L2-8-002	110	745	125.4/72.6	94.7	0.81	7.7	1.6	2.0
LWYBX4-355S-8-002	132	745	150.2/87.0	94.9	0.81	7.7	1.6	2.0
LWYBX4-355M-8-002	160	745	179.5/103.9	95.1	0.82	7.7	1.6	2.0
LWYBX4-355L1-8-002	185	745	207.1/119.9	95.3	0.82	7.8	1.6	2.0
LWYBX4-355L2-8-002	200	745	223.6/129.5	95.4	0.82	7.8	1.6	2.0
Synhronous speed 600r/min								
LWYBX4-315S-10-002	45	590	57.6/33.3	91.2	0.75	6.2	1.3	2.0
LWYBX4-315M-10-002	55	590	69.9/40.5	91.8	0.75	6.2	1.3	2.0
LWYBX4-315L1-10-002	75	590	93.5/54.1	92.3	0.76	6.2	1.3	2.0
LWYBX4-315L2-10-002	90	590	110.1/63.7	92.9	0.77	6.2	1.3	2.0
LWYBX4-355S-10-002	90	595	110.1/63.7	92.9	0.77	6.2	1.3	2.0
LWYBX4-355M1-10-002	110	595	132.5/76.7	93.1	0.78	6.0	1.3	2.0
LWYBX4-355M2-10-002	132	595	158.3/91.7	93.5	0.78	6.0	1.3	2.0
LWYBX4-355L1-10-002	160	595	191.9/111.1	93.5	0.78	6.0	1.3	2.0
LWYBX4-355L2-10-002	185	595	221.9/128.5	93.5	0.78	6.0	1.3	2.0

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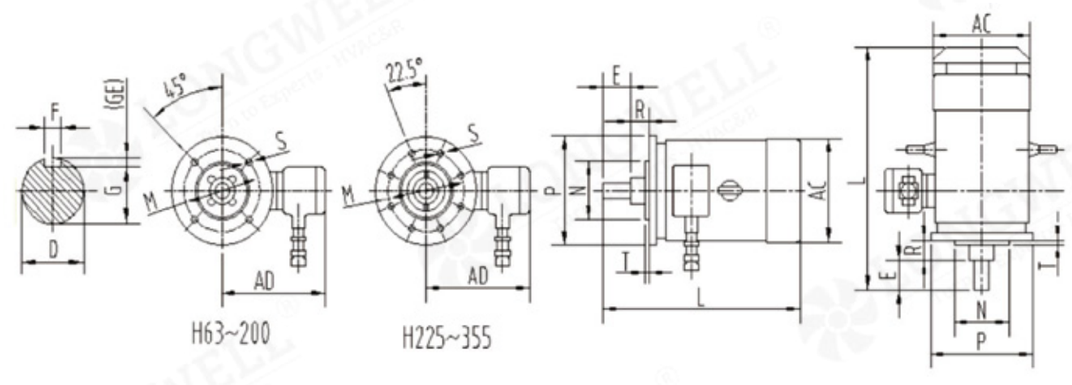
Mounting and Overall Dimensions(IM B35 H80-355)



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	4	165	165	200	300	355
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	165	130	200	0	4-Φ12	4	180	180	200	325	385
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	165	130	200	0	4-Φ12	4	180	180	200	325	410
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	215	180	250	0	4-Φ14.5	4	200	205	200	350	480
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	215	180	250	0	4-Φ14.5	4	240	240	200	377	511
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	265	230	300	0	4-Φ14.5	4	276	300	200	427	525
132M	2.4.6.8	216	178	89	38	80	10	33	132	12	265	230	300	0	4-Φ14.5	4	276	300	200	427	560
160M	2.4.6.8	254	210	108	42	110	12	37	160	15	300	250	350	0	4-Φ18.5	5	324	330	220	490	725
160L	2.4.6.8	254	254	108	42	110	12	37	160	15	300	250	350	0	4-Φ18.5	5	324	330	220	490	765
180M	2.4.6.8	279	241	121	48	110	14	43	180	15	300	250	350	0	4-Φ18.5	5	349	365	220	535	795
180L	2.4.6.8	279	279	121	48	110	14	43	180	15	300	250	350	0	4-Φ18.5	5	349	365	220	535	830
200L	2.4.6.8	318	305	133	55	110	16	49	200	19	350	300	400	0	4-Φ18.5	5	390	420	300	605	885
225S	4.8	356	286	149	60	140	18	53	225	19	400	350	450	0	8-Φ18.5	5	431	470	300	640	940
225M	2	356	311	149	55	110	16	49	225	19	400	350	450	0	8-Φ18.5	5	431	470	300	640	935
225M	4.6.8	356	311	149	60	140	18	53	225	19	400	350	450	0	8-Φ18.5	5	431	470	300	640	970
250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	8-Φ18.5	5	486	528	400	740	995
250M	4.6.8	406	349	168	65	140	18	58	250	24	500	450	550	0	8-Φ18.5	5	486	528	400	740	995
280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	8-Φ18.5	5	542	586	400	800	1205
280S	4.6.8	457	368	190	75	140	20	68	280	24	500	450	550	0	8-Φ18.5	5	542	586	400	800	1205
280M	2	457	419	190	65	140	18	58	280	24	500	450	550	0	8-Φ18.5	5	542	586	400	800	1270
280M	4.6.8	457	419	190	75	140	20	68	280	24	500	450	550	0	8-Φ18.5	5	542	586	400	800	1270
315S	2	508	406	216	65	140	18	58	315	28	600	550	660	0	8-Φ24	6	630	630	505	890	1190
315S	4.6.8.10	508	406	216	80	170	22	71	315	28	600	550	660	0	8-Φ24	6	630	630	505	890	1270
315M	2	508	457	216	65	140	18	58	315	28	600	550	660	0	8-Φ24	6	630	630	505	890	1350
315M	4.6.8.10	508	457	216	80	170	22	71	315	28	600	550	660	0	8-Φ24	6	630	630	505	890	1430
315L	2	508	508	216	65	140	18	58	315	28	600	550	660	0	8-Φ24	6	630	630	505	890	1350
315L	4.6.8.10	508	508	216	80	170	22	71	315	28	600	550	660	0	8-Φ24	6	630	630	505	890	1430
355S	2	610	500	254	75	140	20	68	355	28	740	680	800	0	8-Φ24	6	740	740	505	1020	1425
355S	4.6.8.10	610	500	254	95	170	25	86	355	28	740	680	800	0	8-Φ24	6	740	740	505	1020	1485
355M	2	610	560	254	75	140	20	68	355	28	740	680	800	0	8-Φ24	6	740	740	505	1020	1545
355M	4.6.8.10	610	560	254	95	170	25	86	355	28	740	680	800	0	8-Φ24	6	740	740	505	1020	1605
355L	2	610	630	254	75	140	20	68	355	28	740	680	800	0	8-Φ24	6	740	740	505	1020	1645
355L	4.6.8.10	610	630	254	95	170	25	86	355	28	740	680	800	0	8-Φ24	6	740	740	505	1020	1675

Mounting and Overall Dimensions(IM B35 V1 H80-355)

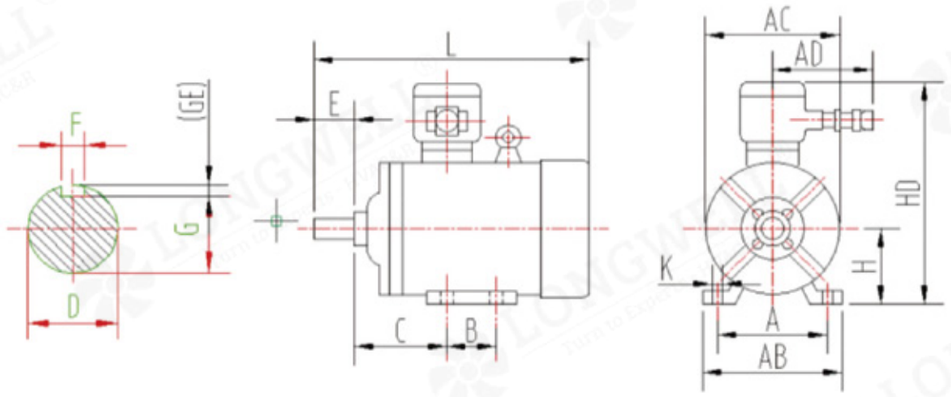


Electric motor without feet on the frame and with a flange (with through holes) on the end shield unit: mm

Frame	Poles	Mounting Dimension										Figure Size			
		D	E	F	G	M	N	P	R	n-S	T	AC	AD	Horizontal(L)	Vertical(L)
80M	2.4.6.8	19	40	6	15.5	165	130	200	0	4-Φ12	3.5	165	200	355	385
90S	2.4.6.8	24	50	8	20	165	130	200	0	4-Φ12	3.5	180	200	385	415
90L	2.4.6.8	24	50	8	20	165	130	200	0	4-Φ12	3.5	180	200	410	440
100L	2.4.6.8	28	60	8	24	215	180	250	0	4-Φ14.5	4	205	200	480	51
112M	2.4.6.8	28	60	8	24	215	180	250	0	4-Φ14.5	4	240	200	511	541
132S	2.4.6.8	38	80	10	33	265	230	300	0	4-Φ14.5	4	300	200	525	555
132M	2.4.6.8	38	80	10	33	265	230	300	0	4-Φ14.5	4	300	200	560	595
160M	2.4.6.8	42	110	12	37	300	250	350	0	4-Φ18.5	5	330	220	725	775
160L	2.4.6.8	42	110	12	37	300	250	350	0	4-Φ18.5	5	330	220	765	815
180M	2.4.6.8	48	110	14	42.5	300	250	350	0	4-Φ18.5	5	365	220	795	845
180L	2.4.6.8	48	110	14	42.5	300	250	350	0	4-Φ18.5	5	365	220	830	880
200L	2.4.6.8	55	110	16	49	350	300	400	0	4-Φ18.5	5	420	300	885	935
225S	4.8	60	140	18	53	400	350	450	0	8-Φ18.5	5	470	300	940	1000
225M	2	55	110	16	49	400	350	450	0	8-Φ18.5	5	470	300	935	935
225M	4.6.8	60	140	18	53	400	350	450	0	8-Φ18.5	5	470	300	970	1030
250M	2	60	140	18	53	500	450	550	0	8-Φ18.5	5	528	400	995	1060
250M	4.6.8	65	140	18	58	500	450	550	0	8-Φ18.5	5	528	400	995	1060
280S	2	65	140	18	58	500	450	550	0	8-Φ18.5	5	586	400	1205	1275
280S	4.6.8	75	140	20	67.5	500	450	550	0	8-Φ18.5	5	586	400	1205	1275
280M	2	65	140	18	58	500	450	550	0	8-Φ18.5	5	586	400	1270	1330
280M	4.6.8	75	140	20	67.5	500	450	550	0	8-Φ18.5	5	586	400	1270	1330
315S	2	65	140	18	58	600	550	660	0	8-Φ24	6	630	505	-	1290
315S	4.6.8.10	80	170	22	71	600	550	660	0	8-Φ24	6	630	505	-	1370
315M	2	65	140	18	58	600	550	660	0	8-Φ24	6	630	505	-	1450
315M	4.6.8.10	80	170	22	71	600	550	660	0	8-Φ24	6	630	505	-	1530
315L	2	65	140	18	58	600	550	660	0	8-Φ24	6	630	505	-	1450
315L	4.6.8.10	80	170	22	71	600	550	660	0	8-Φ24	6	630	505	-	1530
355S	2	75	140	20	67.5	740	680	800	0	8-Φ24	6	740	505	-	1525
355S	4.6.8.10	95	170	25	86	740	680	800	0	8-Φ24	6	740	505	-	1585
355M	2	75	140	20	67.5	740	680	800	0	8-Φ24	6	740	505	-	1645
355M	4.6.8.10	95	170	25	86	740	680	800	0	8-Φ24	6	740	505	-	1705
355L	2	75	140	20	67.5	740	680	800	0	8-Φ24	6	740	505	-	1745
355L	4.6.8.10	95	170	25	86	740	680	800	0	8-Φ24	6	740	505	-	1775

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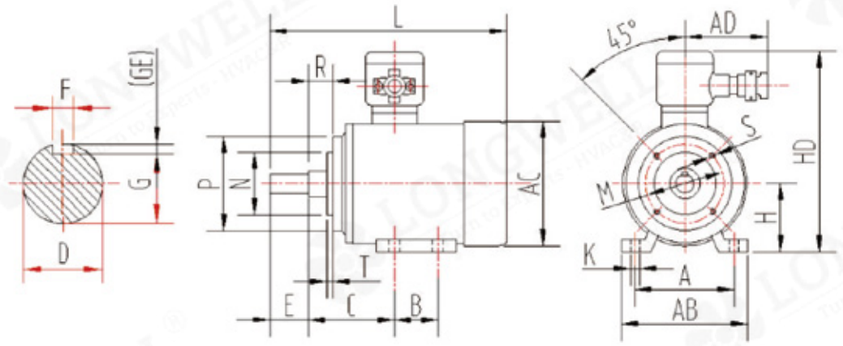
Mounting and Overall Dimensions(IM B3 H80-355)



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
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	10	165	165	200	300	355
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	180	180	200	325	385
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	180	180	200	325	410
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	200	205	200	350	480
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	240	240	200	377	511
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	280	300	200	427	525
132M	2.4.6.8	216	178	89	38	80	10	33	132	12	280	300	200	427	560
160M	2.4.6.8	254	210	108	42	110	12	37	160	14.5	324	330	220	490	725
160L	2.4.6.8	254	254	108	42	110	12	37	160	14.5	324	330	220	490	765
180M	2.4.6.8	279	241	121	48	110	14	42.5	180	14.5	349	365	220	535	795
180L	2.4.6.8	279	279	121	48	110	14	42.5	180	14.5	349	365	220	535	830
200L	2.4.6.8	318	305	133	55	110	16	49	200	18.5	390	420	300	605	885
225S	4.8	356	286	149	60	140	18	53	225	18.5	431	470	300	640	940
225M	2	356	311	149	55	110	16	49	225	18.5	431	470	300	640	935
225M	4.6.8	356	311	149	60	140	18	53	225	18.5	431	470	300	640	970
250M	2	406	349	168	60	140	18	53	250	24	486	528	400	740	995
250M	4.6.8	406	349	168	65	140	18	58	250	24	486	528	400	740	995
280S	2	457	368	190	65	140	18	58	280	24	542	586	400	800	1205
280S	4.6.8	457	368	190	75	140	20	67.5	280	24	542	586	400	800	1205
280M	2	457	419	190	65	140	18	58	280	24	542	586	400	800	1270
280M	4.6.8	457	419	190	75	140	20	67.5	280	24	542	586	400	800	1270
315S	2	508	406	216	65	140	18	58	315	28	630	630	505	890	1190
315S	4.6.8.10	508	406	216	80	170	22	71	315	28	630	630	505	890	1270
315M	2	508	457	216	65	140	18	58	315	28	630	630	505	890	1350
315M	4.6.8.10	508	457	216	80	170	22	71	315	28	630	630	505	890	1430
315L	2	508	508	216	65	140	18	58	315	28	630	630	505	890	1350
315L	4.6.8.10	508	508	216	80	170	22	71	315	28	630	630	505	890	1430
355S	2	610	500	254	75	140	20	67.5	355	28	740	740	505	1020	1425
355S	4.6.8.10	610	500	254	95	170	25	86	355	28	740	740	505	1020	1485
355M	2	610	560	254	75	140	20	67.5	355	28	740	740	505	1020	1545
355M	4.6.8.10	610	560	254	95	170	25	86	355	28	740	740	505	1020	1605
355L	2	610	630	254	75	140	20	67.5	355	28	740	740	505	1020	1645
355L	4.6.8.10	610	630	254	95	170	25	86	355	28	740	740	505	1020	1675

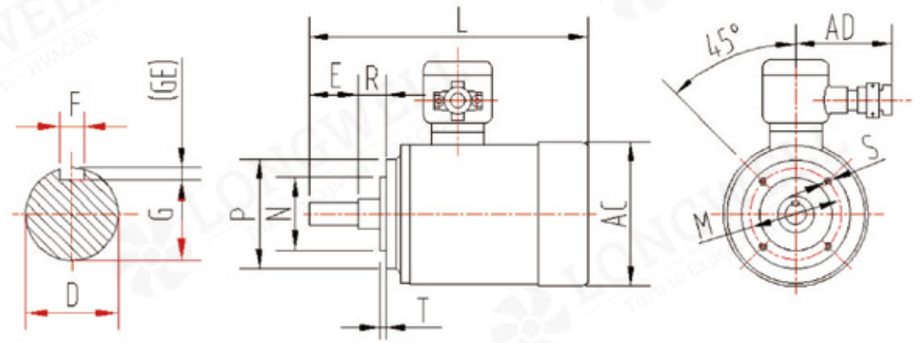
Mounting and Overall Dimensions(IM B34 H80-112)



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	L
80M	2.4.6.8	125	100	50	19	40	6	16	80	10	100	80	120	0	4-M6	3	165	165	200	355
90S	2.4.6.8	140	125	56	24	50	8	20	90	12	115	95	140	0	4-M8	3	180	180	200	385
90L	2.4.6.8	140	125	56	24	50	8	20	90	12	115	95	140	0	4-M8	3	180	180	200	410
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	130	110	110	0	4-M8	3.5	200	205	200	480
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	130	110	110	0	4-M8	3.5	240	240	200	511

Mounting and Overall Dimensions(IM B14 H80-112)



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
80M	2.4.6.8	19	40	6	16	100	80	120	0	4-M6	3	165	200	355
90S	2.4.6.8	24	50	8	20	115	95	140	0	4-M8	3	180	200	385
90L	2.4.6.8	24	50	8	20	115	95	140	0	4-M8	3	180	200	410
100L	2.4.6.8	28	60	8	24	130	110	160	0	4-M8	3.5	205	200	480
112M	2.4.6.8	28	60	8	24	130	110	160	0	4-M8	3.5	240	200	511