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

—— **LWYBBP Series Flameproof Variable Frequency Speed Control 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.

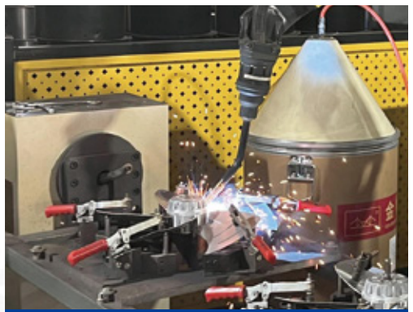
At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials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

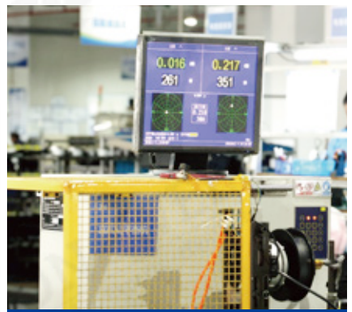
LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

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

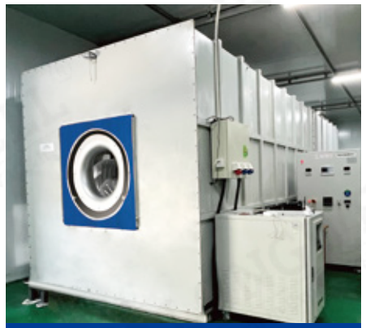

Automatic Welding


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

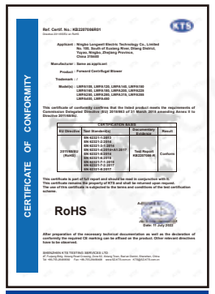

Own-Brand


Own-Brand


ETL


ETL

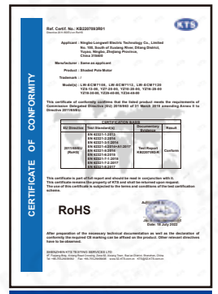

CE


RoHS


CE


CE


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RoHS


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CE


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ISO 9001


ISO 9001


RoHS


RoHS


RoHS


RoHS


RoHS

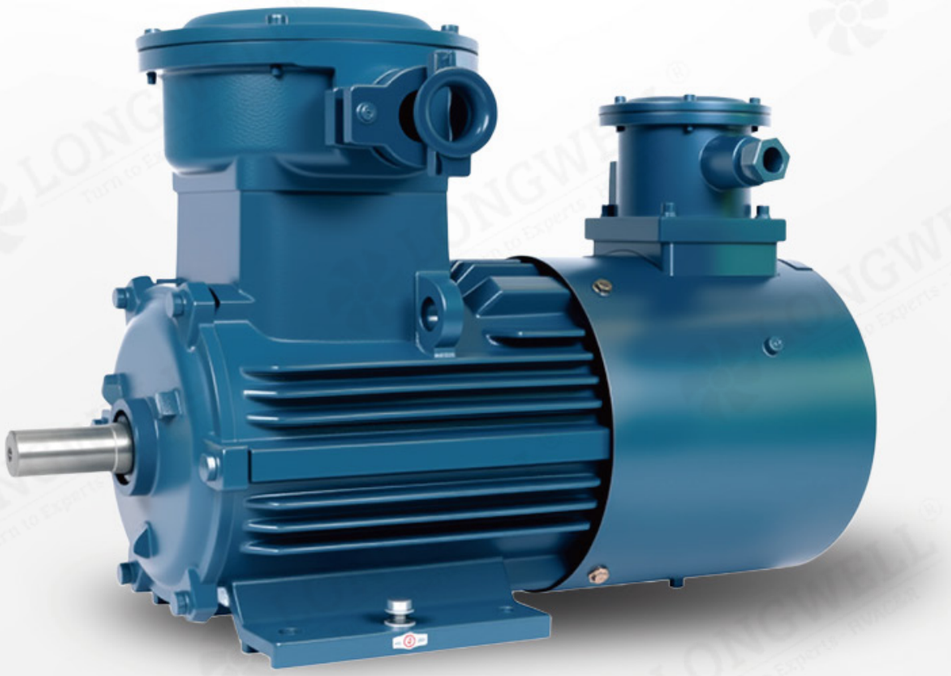

CE


CE


CE

LWYBBP Series Flameproof Variable Frequency Speed Control 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 BP - 80 M 1 - 2 - 001

- LW — Longwell
- Y — Asynchronous Motor
- B — Explosion
- BP — Frequency Control
- 80 — Shaft Center Height
- M — Frame Length Code
  S-Short frame M-Medium frame L-Long frame
- 1 — Core Length Code
- 2 — Poles
- 001 — Series Number

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LWYBBP Series Flameproof Variable Frequency Speed Control Three-phase Asynchronous Motor

Product Overview

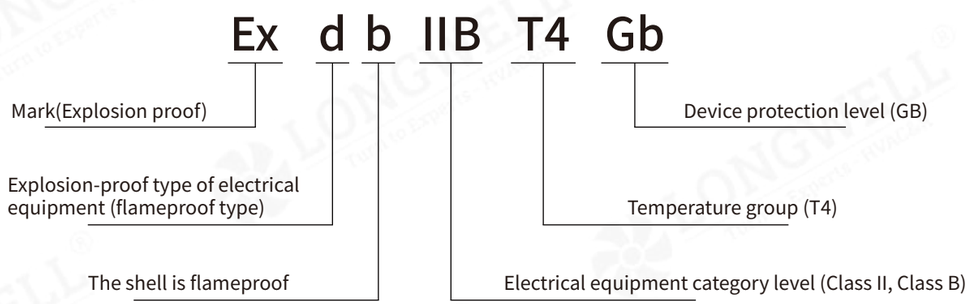
This series of explosion-proof motors is a basic series of fully enclosed, forced cooling, sguirrel cage, and explosion-proof variable freguency speed three-phase asynchronous motors developed by our company based on reference to industry unified design. It can achieve stepless speed regulation within the range of 100-3550 rpm, with a wide speed range. The power level and installation dimensions comply with the International Electrotechnical Commission (IEC) standards, and the explosion-proof performance complies with the provisions of 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 Enclosures".

The LWYBBP series electric motor with the explosion-proof mark Ex db I Mb is suitable for fixed equipment in coal mines (non mining working faces) containing methane or coal dust, and is used as general power equipment.

The LWYBBP series motors with the explosion-proof symbol Ex db IIB T4 Gb are suitable for use as general power equipment in places containing Class II, Class B, Groups T1 to T4 flammable gases or explosive mixtures formed by steam and air.

Explosion-proof mark: Ex db I Mb, Ex db IB T4 Gb

Meaning of Explosion-proof Mark:



Technical Parmeters

1) Basic Parameters

Center height range: 71-355mm

Power range: 0.18-315kW

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

Reference frequency: 50Hz (please specify other voltages and frequencies when placing an order)

Frequency conversion range: 3-60 (75) Hz or 3-100Hz

Protection level: IP 55

Thermal classification: 155 (F)

Working System: S1

Cooling method: IC416

When the rated voltage is: 380V and 660V, power below 55kW is connected to Y, and power above 55kW is connected to △. When the rated voltage is 380V/660V and 660/1140V, the connection method is △/Y.

2) Usage Conditions

Working environment temperature: -15 C~+40 ℃

Altitude requirement: no higher than 1000 meters

If there are other special environments or altitude requirements, they should be mentioned when placing an order.

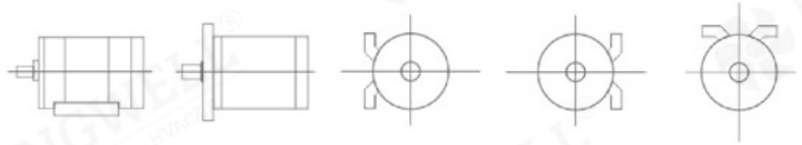
Basic Insttallation Structure and Main Structure

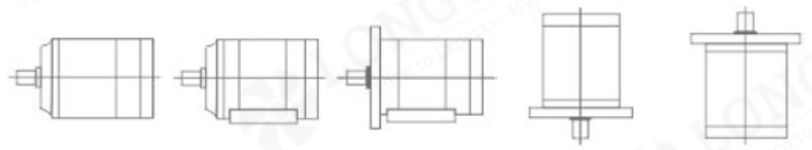
5 kinds of basic and kinds of common strure and manufacturing

Frame Size	Structure and Mounting Type Code
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

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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 explosion-proof structural performance and high protection level, and has a large cavity for easy wiring. The incoming lines are divided into rubber sheathed cables and steel pipe wiring outgoing lines. According to different starting requirements, one inlet port (suitable for direct starting of the motor) and two inlet ports (suitable for Y-△ starting of the motor) can be made separately. 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
Small M5	71	One	Φ20	M30×2	Normal
Medium M5	80~100	One	Φ25	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 placing an order, please pay attention to the model, power, synchronous speed, voltage, frequency, structure and installation type of the motor, explosion-proof mark, explosion-proof level, wiring method of the junction box, and rotation direction.

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

When ordering other series of motors and derived motors in this sample, this notice shall also be followed without prior notice. Thank you for your cooperation.

Technical Data of LWYBBP Series Flameproof (dbI) Variable-frequency Adjustable-speed Three-phase Asynchronous Motors for 660/1140V

Model	Rated power(KW)	Rated current(A)	Rated torque(N.m)	Constant torque frequency range(Hz)	Constant power frequency range(Hz)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)	Min. torque/Rated torque(Tmin/TN)
LWYBBP-80M1-2-001	0.75	1.05/0.61	2.4	3~50	50~60	6.5	2.2	2.3	1.5
LWYBBP-80M2-2-001	1.1	1.47/0.85	3.5	3~50	50~60	6.5	2.2	2.3	1.5
LWYBBP-90S-2-001	1.5	2.0/1.62	4.8	3~50	50~60	8.0	2.2	2.3	1.5
LWYBBP-90L-2-001	2.2	2.8/1.62	7.0	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-100L-2-001	3	3.6/2.1	9.5	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-112M-2-001	4	4.7/2.7	12.7	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-132S1-2-001	5.5	6.4/3.7	17.5	3~50	50~60	8.0	2.2	2.3	1.2
LWYBBP-132S2-2-001	7.5	8.6/5.0	23.9	3~50	50~60	8.0	2.2	2.3	1.2
LWYBBP-160M1-2-001	11	12.4/7.2	35.0	3~50	50~60	8.0	2.2	2.4	1.2
LWYBBP-160M2-2-001	15	16.5/9.5	47.7	3~50	50~60	8.0	2.2	2.4	1.2
LWYBBP-160L-2-001	18.5	20.2/11.7	58.9	3~50	50~60	8.0	2.2	2.4	1.1
LWYBBP-180M-2-001	22	23.6/13.7	70.0	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-200L1-2-001	30	31.9/18.5	95.5	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-200L2-2-001	37	39.1/22.6	117.8	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-225M-2-001	45	47.3/27.4	143.2	3~50	50~60	8.0	2.0	2.3	1.0
LWYBBP-250M-2-001	55	57.5/33.3	175.1	3~50	50~60	8.0	2.0	2.3	1.0
LWYBBP-280S-2-001	75	77.0/44.6	238.7	3~50	50~60	8.0	2.0	2.3	0.9
LWYBBP-280M-2-001	90	92.1/53.3	286.5	3~50	50~60	8.0	2.0	2.3	0.9
LWYBBP-315S-2-001	110	112.5/65.1	350.1	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315M-2-001	132	134.3/77.7	420.2	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315L1-2-001	160	162.6/94.1	509.3	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315L2-2-001	200	202.8/117.4	636.6	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355S1-2-001	185	188.0/108.8	589.2	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355S2-2-001	200	202.8/117.4	636.6	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355M1-2-001	220	223.1/129.2	700.6	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355M2-2-001	250	252.4/146.1	795.8	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355L1-2-001	280	282.7/163.7	891.7	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355L2-2-001	315	317.4/183.8	1002.7	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-80M1-4-001	0.55	0.90/0.52	3.5	3~50	50~100	5.5	2.4	2.3	1.7
LWYBBP-80M2-4-001	0.75	1.17/0.68	4.8	3~50	50~100	5.5	2.4	2.3	1.6
LWYBBP-90S-4-001	1.1	1.64/0.95	7.0	3~50	50~100	6.5	2.3	2.3	1.6
LWYBBP-90L-4-001	1.5	2.1/1.22	9.5	3~50	50~100	6.5	2.3	2.3	1.6
LWYBBP-100L1-4-001	2.2	2.9/1.7	14.0	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-100L2-4-001	3	3.9/2.2	19.1	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-112M-4-001	4	5.1/3.0	25.5	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-132S-4-001	5.5	6.7/4.0	35.0	3~50	50~100	7.5	2.3	2.4	1.4
LWYBBP-132M-4-001	7.5	8.9/5.0	47.7	3~50	50~100	7.5	2.3	2.4	1.4
LWYBBP-160M-4-001	11	12.8/7.0	70.0	3~50	50~100	7.5	2.2	2.4	1.4
LWYBBP-160L-4-001	15	17.3/10.0	95.5	3~50	50~100	7.5	2.2	2.4	1.4
LWYBBP-180M-4-001	18.5	21.0/12.0	117.8	3~50	50~100	7.5	2.2	2.3	1.2
LWYBBP-180L-4-001	22	24.8/14.4	140.1	3~50	50~100	7.5	2.2	2.3	1.2
LWYBBP-200L-4-001	30	33.2/19.2	191.0	3~50	50~100	7.5	2.2	2.4	1.2
LWYBBP-225S-4-001	37	40.2/23.3	235.5	3~50	50~100	7.5	2.2	2.4	1.2
LWYBBP-225M-4-001	45	48.8/28.2	286.5	3~50	50~100	7.5	2.2	2.4	1.1
LWYBBP-250M-4-001	55	59.5/34.4	350.1	3~50	50~100	7.5	2.2	2.4	1.1
LWYBBP-280S-4-001	75	80.4/46.5	477.5	3~50	50~100	7.5	2.2	2.4	1.0
LWYBBP-280M-4-001	90	96.1/55.6	573.0	3~50	50~100	7.5	2.2	2.4	1.0
LWYBBP-315S-4-001	110	115.7/67.0	700.3	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315M-4-001	132	138.4/80.1	840.3	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315L1-4-001	160	165.7/95.9	1018.6	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315L2-4-001	200	207.1/119.9	1273.2	3~50	50~100	7.5	2.1	2.2	0.8
LWYBBP-355S1-4-001	185	191.6/110.9	1178.3	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355S2-4-001	200	207.1/119.9	1273.2	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355M1-4-001	220	227.9/131.9	1401.2	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355M2-4-001	250	255.2/147.8	1591.5	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355L1-4-001	280	285.9/165.5	1783.4	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355L2-4-001	315	321.6/186.2	2005.3	3~50	50~75	7.5	2.1	2.2	0.8

Technical Data of LWYBBP Series Flameproof (dbI) Variable-frequency Adjustable-speed Three-phase Asynchronous Motors for 660/1140V

Model	Rated power(KW)	Rated current(A)	Rated torque(N.m)	Constant torque frequency range(Hz)	Constant power frequency range(Hz)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)	Min. torque/Rated torque(Tmin/TN)
LWYBBP-80M1-6-001	0.37	0.75/0.43	3.5	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-80M2-6-001	0.55	1.01/0.59	5.3	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-90S-6-001	0.75	1.32/0.76	7.2	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-90L-6-001	1.1	1.81/1.05	10.5	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-100L-6-001	1.5	2.27/1.32	14.3	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-112M-6-001	2.2	3.21/1.86	21.0	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-132S-6-001	3	4.2/2.4	28.6	3~50	50~100	6.5	2.1	2.4	1.3
LWYBBP-132M1-6-001	4	5.4/3.1	38.2	3~50	50~100	6.5	2.1	2.4	1.3
LWYBBP-132M2-6-001	5.5	7.3/4.2	52.5	3~50	50~100	7.0	2.1	2.4	1.3
LWYBBP-160M-6-001	7.5	9.7/5.6	71.6	3~50	50~100	7.0	2.1	2.4	1.3
LWYBBP-160L-6-001	11	13.9/8.1	105.0	3~50	50~100	7.0	2.1	2.4	1.2
LWYBBP-180L-6-001	15	18.2/10.5	143.2	3~50	50~100	7.5	2.1	2.1	1.2
LWYBBP-200L1-6-001	18.5	21.7/12.5	176.7	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-200L2-6-001	22	25.8/14.9	210.1	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-225M-6-001	30	33.2/19.2	286.5	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-250M-6-001	37	40.9/23.7	353.3	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-280S-6-001	45	49.5/28.6	429.7	3~50	50~100	7.5	2.1	2.4	1.1
LWYBBP-280M-6-001	55	60.3/34.9	525.2	3~50	50~100	7.5	2.1	2.2	1.1
LWYBBP-315S-6-001	75	81.6/47.2	716.2	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315M-6-001	90	97.6/56.5	859.4	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315L1-6-001	110	119.0/68.9	1050.4	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315L2-6-001	132	140.9/81.6	1260.5	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-355S-6-001	160	168.8/97.8	1527.9	3~50	50~100	7.5	1.9	2.0	0.9
LWYBBP-355M1-6-001	185	195.2/113.0	1767.5	3~50	50~100	7.5	1.9	2.0	0.9
LWYBBP-355M2-6-001	200	210.4/121.8	1909.9	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L1-6-001	220	231.4/134.0	2101.9	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L2-6-001	250	263.0/152.3	2387.3	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L3-6-001	280	294.6/170.6	2673.8	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-80M1-8-001	0.18	0.43/0.25	2.3	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-80M2-8-001	0.25	0.55/0.32	3.2	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-90S-8-001	0.37	0.75/0.43	4.7	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-90L-8-001	0.55	1.01/0.59	7.0	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-100L1-8-001	0.75	1.78/1.03	9.5	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-100L2-8-001	1.1	2.4/1.39	14.0	3~50	50~100	4.5	1.8	2.0	1.2
LWYBBP-112M-8-001	1.5	3.02/1.75	19.1	3~50	50~100	4.5	1.8	2.0	1.2
LWYBBP-132S-8-001	2.2	4.0/2.3	28.0	3~50	50~100	5.5	1.8	2.2	1.2
LWYBBP-132M-8-001	3	5.3/3.1	38.2	3~50	50~100	5.5	1.8	2.2	1.2
LWYBBP-160M1-8-001	4	6.6/3.8	50.1	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-160M2-8-001	5.5	8.3/4.8	70.0	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-160L-8-001	7.5	10.9/6.3	95.5	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-180L-8-001	11	15.4/8.9	140.1	3~50	50~100	6.5	1.9	2.2	1.1
LWYBBP-200L-8-001	15	20.3/11.7	191.0	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-225S-8-001	18.5	24.4/14.1	235.5	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-225M-8-001	22	28.3/16.4	280.1	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-250M-8-001	30	38.0/22.0	382.0	3~50	50~100	7.2	1.9	2.0	1.1
LWYBBP-280S-8-001	37	44.9/26.0	471.1	3~50	50~100	7.2	1.8	2.0	1.1
LWYBBP-280M-8-001	45	52.7/30.5	573.0	3~50	50~100	7.2	1.8	2.0	1.0
LWYBBP-315S-8-001	55	64.4/37.3	700.3	3~50	50~100	7.2	1.8	2.0	1.0
LWYBBP-315M-8-001	75	86.6/50.2	955.0	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-315L1-8-001	90	103.6/60.0	1145.9	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-315L2-8-001	110	124.8/72.3	1400.5	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355S-8-001	132	149.5/86.5	1680.6	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355M-8-001	160	181.2/104.9	2037.1	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355L1-8-001	185	209.5/121.3	2355.4	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355L2-8-001	200	225.8/130.7	2546.4	3~50	50~100	7.2	1.2	2.0	0.9
LWYBBP-355L3-8-001	220	248.4/143.9	2801.1	3~50	50~100	7.2	1.2	2.0	0.9
LWYBBP-315S-10-001	45	52.7/30.5	716.5	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315M-10-001	55	64.4/37.3	875.8	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315L1-10-001	75	93.3/54.0	1194.2	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315L2-10-001	90	109.9/63.7	1433.1	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-355S-10-001	90	109.9/63.7	1433.1	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-355M1-10-001	110	132.4/76.6	1751.6	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355M2-10-001	132	158.3/91.7	2101.9	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355L1-10-001	160	191.9/111.1	2547.7	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355L2-10-001	185	221.9/128.5	2945.8	3~50	50~100	7.0	1.2	2.0	0.8

Technical Data of LWYBBP Series Flameproof (dbI) Variable-frequency Adjustable-speed Three-phase Asynchronous Motors for 380/660V

Model	Rated power(KW)	Rated current(A)	Rated torque(N.m)	Constant torque frequency range(Hz)	Constant power frequency range(Hz)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)	Min. torque/Rated torque(Tmin/TN)
LWYBBP-80M1-2-002	0.75	1.83/0.61	2.4	3~50	50~60	6.5	2.2	2.3	1.5
LWYBBP-80M2-2-002	1.1	2.55/1.47	3.5	3~50	50~60	6.5	2.2	2.3	1.5
LWYBBP-90S-2-002	1.5	3.4/1.98	4.8	3~50	50~60	8.0	2.2	2.3	1.5
LWYBBP-90L-2-002	2.2	4.9/2.8	7.0	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-100L-2-002	3	6.2/3.6	9.5	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-112M-2-002	4	8.1/4.7	12.7	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-132S1-2-002	5.5	11.0/6.4	17.5	3~50	50~60	8.0	2.2	2.3	1.2
LWYBBP-132S2-2-002	7.5	14.9/8.6	23.9	3~50	50~60	8.0	2.2	2.3	1.2
LWYBBP-160M1-2-002	11	21.5/12.4	35.0	3~50	50~60	8.0	2.2	2.4	1.2
LWYBBP-160M2-2-002	15	28.6/16.5	47.7	3~50	50~60	8.0	2.2	2.4	1.2
LWYBBP-160L-2-002	18.5	35.1/20.2	58.9	3~50	50~60	8.0	2.2	2.4	1.1
LWYBBP-180M-2-002	22	41.0/23.6	70.0	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-200L1-2-002	30	55.4/31.9	95.5	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-200L2-2-002	37	67.9/39.1	117.8	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-225M-2-002	45	82.1/47.3	143.2	3~50	50~60	8.0	2.0	2.3	1.0
LWYBBP-250M-2-002	55	99.8/57.5	175.1	3~50	50~60	8.0	2.0	2.3	1.0
LWYBBP-280S-2-002	75	134.0/77.0	238.7	3~50	50~60	8.0	2.0	2.3	0.9
LWYBBP-280M-2-002	90	160.0/92.1	286.5	3~50	50~60	8.0	2.0	2.3	0.9
LWYBBP-315S-2-002	110	195.4/112.5	350.1	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315M-2-002	132	233.2/134.3	420.2	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315L1-2-002	160	282.4/162.6	509.3	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315L2-2-002	200	352.2/202.8	636.6	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355S1-2-002	185	327.0/188.0	589.2	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355S2-2-002	200	352.2/202.8	636.6	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355M1-2-002	220	387.5/223.1	700.6	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355M2-2-002	250	438.4/252.4	795.8	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355L1-2-002	280	491.1/282.7	891.7	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355L2-2-002	315	551.3/317.4	1002.7	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-80M1-4-002	0.55	1.57/0.9	3.5	3~50	50~100	5.5	2.4	2.3	1.7
LWYBBP-80M2-4-002	0.75	2.03/1.17	4.8	3~50	50~100	5.5	2.4	2.3	1.6
LWYBBP-90S-4-002	1.1	2.85/1.64	7.0	3~50	50~100	6.5	2.3	2.3	1.6
LWYBBP-90L-4-002	1.5	3.7/2.12	9.5	3~50	50~100	6.5	2.3	2.3	1.6
LWYBBP-100L1-4-002	2.2	5.1/2.93	14.0	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-100L2-4-002	3	6.7/3.9	19.1	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-112M-4-002	4	8.8/5.0	25.5	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-132S-4-002	5.5	11.6/7.0	35.0	3~50	50~100	7.5	2.3	2.4	1.4
LWYBBP-132M-4-002	7.5	15.4/9.0	47.7	3~50	50~100	7.5	2.3	2.4	1.4
LWYBBP-160M-4-002	11	22.2/13.0	70.0	3~50	50~100	7.5	2.2	2.4	1.4
LWYBBP-160L-4-002	15	30.0/17.0	95.5	3~50	50~100	7.5	2.2	2.4	1.4
LWYBBP-180M-4-002	18.5	37.0/21.0	117.8	3~50	50~100	7.5	2.2	2.3	1.2
LWYBBP-180L-4-002	22	43.1/24.8	140.1	3~50	50~100	7.5	2.2	2.3	1.2
LWYBBP-200L-4-002	30	57.6/33.2	191.0	3~50	50~100	7.5	2.2	2.4	1.2
LWYBBP-225S-4-002	37	69.9/40.2	235.5	3~50	50~100	7.5	2.2	2.4	1.2
LWYBBP-225M-4-002	45	84.7/48.8	286.5	3~50	50~100	7.5	2.2	2.4	1.1
LWYBBP-250M-4-002	55	103.3/59.5	350.1	3~50	50~100	7.5	2.2	2.4	1.1
LWYBBP-280S-4-002	75	139.6/80.4	477.5	3~50	50~100	7.5	2.2	2.4	1.0
LWYBBP-280M-4-002	90	166.9/96.1	573.0	3~50	50~100	7.5	2.2	2.4	1.0
LWYBBP-315S-4-002	110	201.0/116	700.3	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315M-4-002	132	240.4/138.4	840.3	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315L1-4-002	160	287.8/165.7	1018.6	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315L2-4-002	200	359.8/207.1	1273.2	3~50	50~100	7.5	2.1	2.2	0.8
LWYBBP-355S1-4-002	185	332.8/191.6	1178.3	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355S2-4-002	200	359.8/207.1	1273.2	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355M1-4-002	220	395.8/227.9	1401.2	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355M2-4-002	250	443.3/255.2	1591.5	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355L1-4-002	280	496.5/285.9	1783.4	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355L2-4-002	315	558.6/321.6	2005.3	3~50	50~75	7.5	2.1	2.2	0.8

Technical Data of LWYBBP Series Flameproof (dbI) Variable-frequency Adjustable-speed Three-phase Asynchronous Motors for 380/660V

Model	Rated power(KW)	Rated current(A)	Rated torque(N.m)	Constant torque frequency range(Hz)	Constant power frequency range(Hz)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)	Min. torque/Rated torque(Tmin/TN)
LWYBBP-80M1-6-002	0.37	1.30/0.75	3.5	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-80M2-6-002	0.55	1.76/1.01	5.3	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-90S-6-002	0.75	2.29/1.32	7.2	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-90L-6-002	1.1	3.14/1.81	10.5	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-100L-6-002	1.5	3.9/2.27	14.3	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-112M-6-002	2.2	5.6/3.21	21.0	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-132S-6-002	3	7.3/4.2	28.6	3~50	50~100	6.5	2.1	2.4	1.3
LWYBBP-132M1-6-002	4	9.4/5.4	38.2	3~50	50~100	6.5	2.1	2.4	1.3
LWYBBP-132M2-6-002	5.5	12.6/7.3	52.5	3~50	50~100	7.0	2.1	2.4	1.3
LWYBBP-160M-6-002	7.5	16.8/9.7	71.6	3~50	50~100	7.0	2.1	2.4	1.3
LWYBBP-160L-6-002	11	24.2/13.9	105.0	3~50	50~100	7.0	2.1	2.4	1.2
LWYBBP-180L-6-002	15	31.6/18.2	143.2	3~50	50~100	7.5	2.1	2.1	1.2
LWYBBP-200L1-6-002	18.5	37.6/21.7	176.7	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-200L2-6-002	22	44.7/25.8	210.1	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-225M-6-002	30	57.6/33.2	286.5	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-250M-6-002	37	71.1/40.9	353.3	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-280S-6-002	45	85.9/49.5	429.7	3~50	50~100	7.5	2.1	2.4	1.1
LWYBBP-280M-6-002	55	104.7/60.3	525.2	3~50	50~100	7.5	2.1	2.2	1.1
LWYBBP-315S-6-002	75	141.7/81.6	716.2	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315M-6-002	90	169.5/97.6	859.4	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315L1-6-002	110	206.7/119.0	1050.4	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315L2-6-002	132	244.7/140.9	1260.5	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-355S-6-002	160	293.3/168.8	1527.9	3~50	50~100	7.5	1.9	2.0	0.9
LWYBBP-355M1-6-002	185	339.1/195.2	1767.5	3~50	50~100	7.5	1.9	2.0	0.9
LWYBBP-355M2-6-002	200	365.4/210.4	1909.9	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L1-6-002	220	401.9/231.4	2101.9	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L2-6-002	250	456.8/263.0	2387.3	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L3-6-002	280	511.7/294.6	2673.8	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-80M1-8-002	0.18	0.74/0.43	2.3	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-80M2-8-002	0.25	0.95/0.55	3.2	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-90S-8-002	0.37	1.3/0.75	4.7	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-90L-8-002	0.55	1.76/1.01	7.0	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-100L1-8-002	0.75	3.08/1.78	9.5	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-100L2-8-002	1.1	4.2/2.4	14.0	3~50	50~100	4.5	1.8	2.0	1.2
LWYBBP-112M-8-002	1.5	5.3/3.02	19.1	3~50	50~100	4.5	1.8	2.0	1.2
LWYBBP-132S-8-002	2.2	7.0/4.0	28.0	3~50	50~100	5.5	1.8	2.2	1.2
LWYBBP-132M-8-002	3	9.2/5.3	38.2	3~50	50~100	5.5	1.8	2.2	1.2
LWYBBP-160M1-8-002	4	11.4/6.6	50.1	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-160M2-8-002	5.5	14.5/8.3	70.0	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-160L-8-002	7.5	19/10.9	95.5	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-180L-8-002	11	26.8/15.4	140.1	3~50	50~100	6.5	1.9	2.2	1.1
LWYBBP-200L-8-002	15	35.2/20.3	191.0	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-225S-8-002	18.5	42.4/24.4	235.5	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-225M-8-002	22	49.2/28.3	280.1	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-250M-8-002	30	65.9/38	382.0	3~50	50~100	7.2	1.9	2.0	1.1
LWYBBP-280S-8-002	37	78/44.9	471.1	3~50	50~100	7.2	1.8	2.0	1.1
LWYBBP-280M-8-002	45	91.5/52.7	573.0	3~50	50~100	7.2	1.8	2.0	1.0
LWYBBP-315S-8-002	55	111.9/64.4	700.3	3~50	50~100	7.2	1.8	2.0	1.0
LWYBBP-315M-8-002	75	150.5/86.6	955.0	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-315L1-8-002	90	180/103.6	1145.9	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-315L2-8-002	110	216.8/124.8	1400.5	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355S-8-002	132	259.6/149.5	1680.6	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355M-8-002	160	314.7/181.2	2037.1	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355L1-8-002	185	363.9/209.5	2355.4	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355L2-8-002	200	392.1/225.8	2546.4	3~50	50~100	7.2	1.2	2.0	0.9
LWYBBP-355L3-8-002	220	431.4/248.4	2801.1	3~50	50~100	7.2	1.2	2.0	0.9
LWYBBP-315S-10-002	45	91.5/52.7	716.5	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315M-10-002	55	111.9/64.4	875.8	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315L1-10-002	75	162.1/93.3	1194.2	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315L2-10-002	90	191/109.9	1433.1	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-355S-10-002	90	191/109.9	1433.1	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-355M1-10-002	110	229.9/132.4	1751.6	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355M2-10-002	132	275/158.3	2101.9	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355L1-10-002	160	333.3/191.9	2547.7	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355L2-10-002	185	385.4/221.9	2945.8	3~50	50~100	7.0	1.2	2.0	0.8

Technical Data of LWYBBP Series Flameproof (dbI) Variable-frequency Adjustable-speed Three-phase Asynchronous Motors for 380V

Model	Rated power(KW)	Rated current(A)	Rated torque(N.m)	Constant torque frequency range(Hz)	Constant power frequency range(Hz)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)	Min. torque/Rated torque(Tmin/TN)
LWYBBP-71M1-2-001	0.37	1.0	1.18	3~50	50~60	6.1	2.2	2.2	1.6
LWYBBP-71M2-2-001	0.55	1.4	1.75	3~50	50~60	6.1	2.2	2.3	1.6
LWYBBP-80M1-2-003	0.75	1.83	2.4	3~50	50~60	6.5	2.2	2.3	1.5
LWYBBP-80M2-2-003	1.1	2.55	3.5	3~50	50~60	6.5	2.2	2.3	1.5
LWYBBP-90S-2-003	1.5	3.4	4.8	3~50	50~60	8.0	2.2	2.3	1.5
LWYBBP-90L-2-003	2.2	4.9	7.0	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-100L-2-003	3	6.2	9.5	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-112M-2-003	4	8.1	12.7	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-132S1-2-003	5.5	11.0	17.5	3~50	50~60	8.0	2.2	2.3	1.2
LWYBBP-132S2-2-003	7.5	14.9	23.9	3~50	50~60	8.0	2.2	2.3	1.2
LWYBBP-160M1-2-003	11	21.5	35.0	3~50	50~60	8.0	2.2	2.4	1.2
LWYBBP-160M2-2-003	15	28.6	47.7	3~50	50~60	8.0	2.2	2.4	1.2
LWYBBP-160L-2-003	18.5	35.1	58.9	3~50	50~60	8.0	2.2	2.4	1.1
LWYBBP-180M-2-003	22	41.0	70.0	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-200L1-2-003	30	55.4	95.5	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-200L2-2-003	37	67.9	117.8	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-225M-2-003	45	82.1	143.2	3~50	50~60	8.0	2.0	2.3	1.0
LWYBBP-250M-2-003	55	99.8	175.1	3~50	50~60	8.0	2.0	2.3	1.0
LWYBBP-280S-2-003	75	134	238.7	3~50	50~60	8.0	2.0	2.3	0.9
LWYBBP-280M-2-003	90	160	286.5	3~50	50~60	8.0	2.0	2.3	0.9
LWYBBP-315S-2-003	110	195.4	350.1	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315M-2-003	132	233.2	420.2	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315L1-2-003	160	282.4	509.3	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315L2-2-003	200	352.2	636.6	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355S1-2-003	185	327	589.2	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355S2-2-003	200	352.2	636.6	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355M1-2-003	220	387.5	700.6	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355M2-2-003	250	438.4	795.8	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355L1-4-003	280	491.1	891.7	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355L2-4-003	315	551.3	1002.7	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-71M1-4-001	0.25	0.8	1.6	3~50	50~100	5.2	2.4	2.2	1.7
LWYBBP-71M2-4-001	0.37	1.1	2.4	3~50	50~100	5.2	2.4	2.2	1.7
LWYBBP-80M1-4-003	0.55	1.57	3.5	3~50	50~100	5.5	2.4	2.3	1.7
LWYBBP-80M2-4-003	0.75	2.03	4.8	3~50	50~100	5.5	2.4	2.3	1.6
LWYBBP-90S-4-003	1.1	2.85	7.0	3~50	50~100	6.5	2.3	2.3	1.6
LWYBBP-90L-4-003	1.5	3.7	9.5	3~50	50~100	6.5	2.3	2.3	1.6
LWYBBP-100L1-4-003	2.2	5.1	14.0	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-100L2-4-003	3	6.7	19.1	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-112M-4-003	4	8.8	25.5	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-132S-4-003	5.5	11.6	35.0	3~50	50~100	7.5	2.3	2.4	1.4
LWYBBP-132M-4-003	7.5	15.4	47.7	3~50	50~100	7.5	2.3	2.4	1.4
LWYBBP-160M-4-003	11	22.2	70.0	3~50	50~100	7.5	2.2	2.4	1.4
LWYBBP-160L-4-003	15	30.0	95.5	3~50	50~100	7.5	2.2	2.4	1.4
LWYBBP-180M-4-003	18.5	37	117.8	3~50	50~100	7.5	2.2	2.3	1.2
LWYBBP-180L-4-003	22	43.1	140.1	3~50	50~100	7.5	2.2	2.3	1.2
LWYBBP-200L-4-003	30	57.6	191.0	3~50	50~100	7.5	2.2	2.4	1.2
LWYBBP-225S-4-003	37	69.9	235.5	3~50	50~100	7.5	2.2	2.4	1.2
LWYBBP-225M-4-003	45	84.7	286.5	3~50	50~100	7.5	2.2	2.4	1.1
LWYBBP-250M-4-003	55	103.3	350.1	3~50	50~100	7.5	2.2	2.4	1.1
LWYBBP-280S-4-003	75	139.6	477.5	3~50	50~100	7.5	2.2	2.4	1.0
LWYBBP-280M-4-003	90	166.9	573	3~50	50~100	7.5	2.2	2.4	1.0
LWYBBP-315S-4-003	110	201	700.3	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315M-4-003	132	240.4	840.3	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315L1-4-003	160	287.8	1018.6	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315L2-4-003	200	359.8	1273.2	3~50	50~100	7.5	2.1	2.2	0.8
LWYBBP-355S1-4-003	185	332.8	1178.3	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355S2-4-003	200	359.8	1273.2	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355M1-4-003	220	395.8	1401.2	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355M2-4-003	250	443.3	1591.5	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355L1-4-003	280	496.5	1783.4	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355L2-4-003	315	558.6	2005.3	3~50	50~75	7.5	2.1	2.2	0.8

Technical Data of LWYBBP Series Flameproof (dbI) Variable-frequency Adjustable-speed Three-phase Asynchronous Motors for 380V

Model	Rated power(KW)	Rated current(A)	Rated torque(N.m)	Constant torque frequency range(Hz)	Constant power frequency range(Hz)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)	Min. torque/Rated torque(Tmin/TN)
LWYBBP-71M1-6-001	0.18	0.7	1.72	3~50	50~100	4.0	2.1	2.0	-
LWYBBP-71M2-6-001	0.25	0.9	2.4	3~50	50~100	4.0	2.1	2.0	-
LWYBBP-80M1-6-003	0.37	1.3	3.5	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-80M2-6-003	0.55	1.76	5.3	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-90S-6-003	0.75	2.29	7.2	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-90L-6-003	1.1	3.14	10.5	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-100L-6-003	1.5	3.9	14.3	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-112M-6-003	2.2	5.6	21	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-132S-6-003	3	7.3	28.6	3~50	50~100	6.5	2.1	2.4	1.3
LWYBBP-132M1-6-003	4	9.4	38.2	3~50	50~100	6.5	2.1	2.4	1.3
LWYBBP-132M2-2-003	5.5	12.6	52.5	3~50	50~100	7.0	2.1	2.4	1.3
LWYBBP-160M-6-003	7.5	16.8	71.6	3~50	50~100	7.0	2.1	2.4	1.3
LWYBBP-160L-6-003	11	24.2	105	3~50	50~100	7.0	2.1	2.4	1.2
LWYBBP-180L-6-003	15	31.6	143.2	3~50	50~100	7.5	2.1	2.1	1.2
LWYBBP-200L1-6-003	18.5	37.6	176.7	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-200L2-6-003	22	44.7	210.1	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-225M-6-003	30	57.6	286.5	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-250M-6-003	37	71.1	353.3	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-280S-6-003	45	85.9	429.7	3~50	50~100	7.5	2.1	2.4	1.1
LWYBBP-280M-6-003	55	104.7	525.2	3~50	50~100	7.5	2.1	2.2	1.1
LWYBBP-315S-6-003	75	141.7	716.2	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315M-6-003	90	169.5	859.4	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315L1-6-003	110	206.7	1050.4	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315L2-6-003	132	244.7	1260.5	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-355S-6-003	160	293.3	1527.9	3~50	50~100	7.5	1.9	2.0	0.9
LWYBBP-355M1-6-003	185	339.1	1767.5	3~50	50~100	7.5	1.9	2.0	0.9
LWYBBP-355M2-6-003	200	365.4	1909.9	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L1-6-003	220	401.9	2101.9	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L2-6-003	250	456.8	2387.3	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L3-6-003	280	511.7	2673.8	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-80M1-8-003	0.18	0.74	2.3	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-80M2-8-003	0.25	0.95	3.2	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-90S-8-003	0.37	1.3	4.7	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-90L-8-003	0.55	1.76	7	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-100L1-8-003	0.75	3.08	9.5	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-100L2-8-003	1.1	4.2	14	3~50	50~100	4.5	1.8	2.0	1.2
LWYBBP-112M-8-003	1.5	5.3	19.1	3~50	50~100	4.5	1.8	2.0	1.2
LWYBBP-132S-8-003	2.2	7.0	28	3~50	50~100	5.5	1.8	2.2	1.2
LWYBBP-132M-8-003	3	9.2	38.2	3~50	50~100	5.5	1.8	2.2	1.2
LWYBBP-160M1-8-003	4	11.4	50.1	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-160M2-8-003	5.5	14.5	70	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-160L-8-003	7.5	19.0	95.5	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-180L-8-003	11	26.8	140.1	3~50	50~100	6.5	1.9	2.2	1.1
LWYBBP-200L-8-003	15	35.2	191	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-225S-8-003	18.5	42.4	235.5	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-225M-8-003	22	49.2	280.1	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-250M-8-003	30	65.9	382	3~50	50~100	7.2	1.9	2.0	1.1
LWYBBP-280S-8-003	37	78.0	471.1	3~50	50~100	7.2	1.8	2.0	1.1
LWYBBP-280M-8-003	45	91.5	573	3~50	50~100	7.2	1.8	2.0	1.0
LWYBBP-315S-8-003	55	111.9	700.3	3~50	50~100	7.2	1.8	2.0	1.0
LWYBBP-315M-8-003	75	150.5	955	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-315L1-8-003	90	180.0	1145.9	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-315L2-8-003	110	216.8	1400.5	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355S-8-003	132	259.6	1680.6	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355M-8-003	160	314.7	2037.1	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355L1-8-003	185	363.9	2355.4	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355L2-8-003	200	392.1	2546.4	3~50	50~100	7.2	1.2	2.0	0.9
LWYBBP-355L3-8-003	220	431.4	2801.1	3~50	50~100	7.2	1.2	2.0	0.9
LWYBBP-315S-10-003	45	91.5	716.5	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315M-10-003	55	111.9	875.8	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315L1-10-003	75	162.1	1194.2	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315L2-10-003	90	191.0	1433.1	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-355S-10-003	90	191.0	1433.1	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-355M1-10-003	110	229.9	1751.6	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355M2-10-003	132	275.0	2101.9	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355L1-10-003	160	333.3	2547.7	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355L2-10-003	185	385.4	2945.8	3~50	50~100	7.0	1.2	2.0	0.8

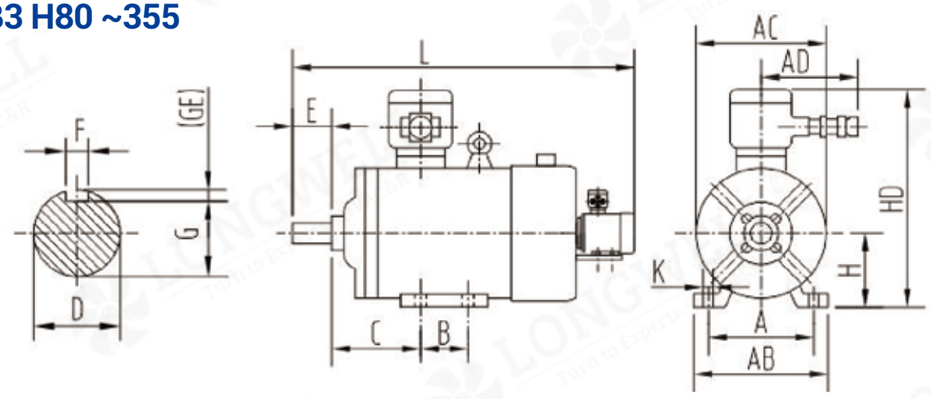
Technical Data of LWYBBP Series Flameproof (dbI) Variable-frequency Adjustable-speed Three-phase Asynchronous Motors for 660V

Model	Rated power(KW)	Rated current(A)	Rated torque(N.m)	Constant torque frequency range(Hz)	Constant power frequency range(Hz)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)	Min. torque/Rated torque(Tmin/TN)
LWYBBP-71M1-2-002	0.37	0.6	1.18	3~50	50~60	6.1	2.2	2.2	1.6
LWYBBP-71M2-2-002	0.55	0.8	1.75	3~50	50~60	6.1	2.2	2.3	1.6
LWYBBP-80M1-2-004	0.75	1.05	2.4	3~50	50~60	6.5	2.2	2.3	1.5
LWYBBP-80M2-2-004	1.1	1.47	3.5	3~50	50~60	6.5	2.2	2.3	1.5
LWYBBP-90S-2-004	1.5	1.98	4.8	3~50	50~60	8.0	2.2	2.3	1.5
LWYBBP-90L-2-004	2.2	2.8	7.0	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-100L-2-004	3	3.6	9.5	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-112M-2-004	4	4.7	12.7	3~50	50~60	8.0	2.2	2.3	1.4
LWYBBP-132S1-2-004	5.5	6.4	17.5	3~50	50~60	8.0	2.2	2.3	1.2
LWYBBP-132S2-2-004	7.5	8.6	23.9	3~50	50~60	8.0	2.2	2.3	1.2
LWYBBP-160M1-2-004	11	12.4	35.0	3~50	50~60	8.0	2.2	2.4	1.2
LWYBBP-160M2-2-004	15	16.5	47.7	3~50	50~60	8.0	2.2	2.4	1.2
LWYBBP-160L-2-004	18.5	20.2	58.9	3~50	50~60	8.0	2.2	2.4	1.1
LWYBBP-180M-2-004	22	23.6	70.0	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-200L1-2-004	30	31.9	95.5	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-200L2-2-004	37	39.1	117.8	3~50	50~60	8.0	2.0	2.3	1.1
LWYBBP-225M-2-004	45	47.3	143.2	3~50	50~60	8.0	2.0	2.3	1.0
LWYBBP-250M-2-004	55	57.5	175.1	3~50	50~60	8.0	2.0	2.3	1.0
LWYBBP-280S-2-004	75	77	238.7	3~50	50~60	8.0	2.0	2.3	0.9
LWYBBP-280M-2-004	90	92.1	286.5	3~50	50~60	8.0	2.0	2.3	0.9
LWYBBP-315S-2-004	110	112.5	350.1	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315M-2-004	132	134.3	420.2	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315L1-2-004	160	162.6	509.3	3~50	50~60	8.0	1.8	2.2	0.9
LWYBBP-315L2-2-004	200	202.8	636.6	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355S1-2-004	185	188	589.2	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355S2-2-004	200	202.8	636.6	3~50	50~60	8.0	1.8	2.2	0.7
LWYBBP-355M1-2-004	220	223.1	700.6	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355M2-2-004	250	252.4	795.8	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355L1-2-004	280	282.7	891.7	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-355L2-2-004	315	317.4	1002.7	3~50	50~60	8.0	1.6	2.2	0.7
LWYBBP-71M1-4-002	0.25	0.4	1.6	3~50	50~100	5.2	2.4	2.2	1.7
LWYBBP-71M2-4-002	0.37	0.6	2.4	3~50	50~100	5.2	2.4	2.2	1.7
LWYBBP-80M1-4-004	0.55	0.9	3.5	3~50	50~100	5.5	2.4	2.3	1.7
LWYBBP-80M2-4-004	0.75	1.17	4.8	3~50	50~100	5.5	2.4	2.3	1.6
LWYBBP-90S-4-004	1.1	1.64	7.0	3~50	50~100	6.5	2.3	2.3	1.6
LWYBBP-90L-4-004	1.5	2.12	9.5	3~50	50~100	6.5	2.3	2.3	1.6
LWYBBP-100L1-4-004	2.2	2.93	14.0	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-100L2-4-004	3	3.9	19.1	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-112M-4-004	4	5	25.5	3~50	50~100	6.5	2.3	2.4	1.5
LWYBBP-132S-4-004	5.5	7	35.0	3~50	50~100	7.5	2.3	2.4	1.4
LWYBBP-132M-4-004	7.5	9	47.7	3~50	50~100	7.5	2.3	2.4	1.4
LWYBBP-160M-4-004	11	13	70.0	3~50	50~100	7.5	2.2	2.4	1.4
LWYBBP-160L-4-004	15	17	95.5	3~50	50~100	7.5	2.2	2.4	1.4
LWYBBP-180M-4-004	18.5	21	117.8	3~50	50~100	7.5	2.2	2.3	1.2
LWYBBP-180L-4-004	22	24.8	140.1	3~50	50~100	7.5	2.2	2.3	1.2
LWYBBP-200L-4-004	30	33.2	191.0	3~50	50~100	7.5	2.2	2.4	1.2
LWYBBP-225S-4-004	37	40.2	235.5	3~50	50~100	7.5	2.2	2.4	1.2
LWYBBP-225M-4-004	45	48.8	286.5	3~50	50~100	7.5	2.2	2.4	1.1
LWYBBP-250M-4-004	55	59.5	350.1	3~50	50~100	7.5	2.2	2.4	1.1
LWYBBP-280S-4-004	75	80.4	477.5	3~50	50~100	7.5	2.2	2.4	1.0
LWYBBP-280M-4-004	90	96.1	573	3~50	50~100	7.5	2.2	2.4	1.0
LWYBBP-315S-4-004	110	116	700.3	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315M-4-004	132	138.4	840.3	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315L1-4-004	160	165.7	1018.6	3~50	50~100	7.5	2.1	2.2	1.0
LWYBBP-315L2-4-004	200	207.1	1273.2	3~50	50~100	7.5	2.1	2.2	0.8
LWYBBP-355S1-4-004	185	191.6	1178.3	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355S2-4-004	200	207.1	1273.2	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355M1-4-004	220	227.9	1401.2	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355M2-4-004	250	225.2	1591.5	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355L1-4-004	280	285.9	1783.4	3~50	50~75	7.5	2.1	2.2	0.8
LWYBBP-355L2-4-004	315	321.6	2005.3	3~50	50~75	7.5	2.1	2.2	0.8

Technical Data of LWYBBP Series Flameproof (dbI) Variable-frequency Adjustable-speed Three-phase Asynchronous Motors for 660V

Model	Rated power(KW)	Rated current(A)	Rated torque(N.m)	Constant torque frequency range(Hz)	Constant power frequency range(Hz)	Locked-rotor current Rated current(Ist/IN)	Locked-rotor torque Rated torque(Tst/TN)	Max. torque/Rated torque(Tmax/TN)	Min. torque/Rated torque(Tmin/TN)
LWYBBP-71M1-6-002	0.18	0.4	1.72	3~50	50~100	4.0	2.1	2.0	-
LWYBBP-71M2-6-002	0.25	0.5	2.4	3~50	50~100	4.0	2.1	2.0	-
LWYBBP-80M1-6-004	0.37	0.75	3.5	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-80M2-6-004	0.55	1.01	5.3	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-90S-6-004	0.75	1.32	7.2	3~50	50~100	4.5	2.1	2.1	1.5
LWYBBP-90L-6-004	1.1	1.81	10.5	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-100L-6-004	1.5	2.27	14.3	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-112M-6-004	2.2	3.21	21	3~50	50~100	5.5	2.1	2.1	1.3
LWYBBP-132S-6-004	3	4.2	28.6	3~50	50~100	6.5	2.1	2.4	1.3
LWYBBP-132M1-6-004	4	5.4	38.2	3~50	50~100	6.5	2.1	2.4	1.3
LWYBBP-132M2-6-004	5.5	7.3	52.5	3~50	50~100	7.0	2.1	2.4	1.3
LWYBBP-160M-6-004	7.5	9.7	71.6	3~50	50~100	7.0	2.1	2.4	1.3
LWYBBP-160L-6-004	11	13.9	105	3~50	50~100	7.0	2.1	2.4	1.2
LWYBBP-180L-6-004	15	18.2	143.2	3~50	50~100	7.5	2.1	2.1	1.2
LWYBBP-200L1-6-004	18.5	21.7	176.7	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-200L2-6-004	22	25.8	210.1	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-225M-6-004	30	33.2	286.5	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-250M-6-004	37	40.9	353.3	3~50	50~100	7.5	2.1	2.4	1.2
LWYBBP-280S-6-004	45	49.5	429.7	3~50	50~100	7.5	2.1	2.4	1.1
LWYBBP-280M-6-004	55	60.3	525.2	3~50	50~100	7.5	2.1	2.2	1.1
LWYBBP-315S-6-004	75	81.6	716.2	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315M-6-004	90	97.6	859.4	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315L1-6-004	110	119	1050.4	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-315L2-6-004	132	140.9	1260.5	3~50	50~100	7.5	2.0	2.0	1.0
LWYBBP-355S-6-004	160	168.8	1527.9	3~50	50~100	7.5	1.9	2.0	0.9
LWYBBP-355M1-6-004	185	195.2	1767.5	3~50	50~100	7.5	1.9	2.0	0.9
LWYBBP-355M2-6-004	200	210.4	1909.9	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L1-6-004	220	231.4	2101.9	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L2-6-004	250	263	2387.3	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-355L3-6-004	280	294.6	2673.8	3~50	50~100	7.5	1.9	2.0	0.8
LWYBBP-80M1-8-004	0.18	0.43	2.3	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-80M2-8-004	0.25	0.55	3.2	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-90S-8-004	0.37	0.75	4.7	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-90L-8-004	0.55	1.01	7	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-100L1-8-004	0.75	1.78	9.5	3~50	50~100	4.5	1.8	2.0	1.3
LWYBBP-100L2-8-004	1.1	2.4	14	3~50	50~100	4.5	1.8	2.0	1.2
LWYBBP-112M-8-004	1.5	3.02	19.1	3~50	50~100	4.5	1.8	2.0	1.2
LWYBBP-132S-8-004	2.2	4.0	28	3~50	50~100	5.5	1.8	2.2	1.2
LWYBBP-132M-8-004	3	5.3	38.2	3~50	50~100	5.5	1.8	2.2	1.2
LWYBBP-160M1-8-004	4	6.6	50.1	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-160M2-8-004	5.5	8.3	70	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-160L-8-004	7.5	10.9	95.5	3~50	50~100	6.5	1.9	2.2	1.2
LWYBBP-180L-8-004	11	15.4	140.1	3~50	50~100	6.5	1.9	2.2	1.1
LWYBBP-200L-8-004	15	20.3	191	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-225S-8-004	18.5	24.4	235.5	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-225M-8-004	22	28.3	280.1	3~50	50~100	7.2	1.9	2.2	1.1
LWYBBP-250M-8-004	30	38	382	3~50	50~100	7.2	1.9	2.0	1.1
LWYBBP-280S-8-004	37	44.9	471.1	3~50	50~100	7.2	1.8	2.0	1.1
LWYBBP-280M-8-004	45	52.7	573	3~50	50~100	7.2	1.8	2.0	1.0
LWYBBP-315S-8-004	55	64.4	700.3	3~50	50~100	7.2	1.8	2.0	1.0
LWYBBP-315M-8-004	75	86.6	955	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-315L1-8-004	90	103.6	1145.9	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-315L2-8-004	110	124.8	1400.5	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355S-8-004	132	149.5	1680.6	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355M-8-004	160	181.2	2037.1	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355L1-8-004	185	209.5	2355.4	3~50	50~100	7.2	1.8	2.0	0.9
LWYBBP-355L2-8-004	200	225.8	2546.4	3~50	50~100	7.2	1.2	2.0	0.9
LWYBBP-355L3-8-004	220	248.4	2801.1	3~50	50~100	7.2	1.2	2.0	0.9
LWYBBP-315S-10-004	45	52.7	716.5	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315M-10-004	55	64.4	875.8	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315L1-10-004	75	93.3	1194.2	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-315L2-10-004	90	109.9	1433.1	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-355S-10-004	90	109.9	1433.1	3~50	50~100	6.5	1.2	2.0	0.8
LWYBBP-355M1-10-004	110	132.4	1751.6	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355M2-10-004	132	158.3	2101.9	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355L1-10-004	160	191.9	2547.7	3~50	50~100	7.0	1.2	2.0	0.8
LWYBBP-355L2-10-004	185	221.9	2945.8	3~50	50~100	7.0	1.2	2.0	0.8

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db I Mb) IM B3 H80 ~355

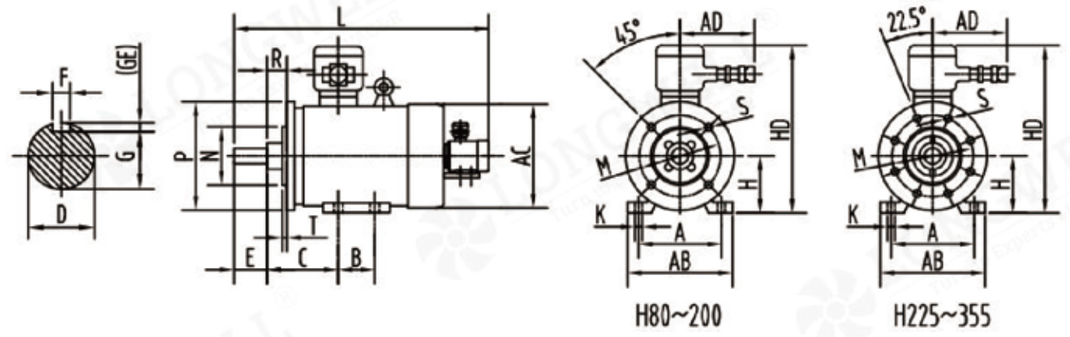


Motor with feet on the frame and without flange on the end shield unit: mm

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	180	320	610
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	180	180	180	340	665
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	180	180	180	340	690
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	200	205	180	380	705
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	240	230	200	410	765
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	280	270	200	450	770
132M	2.4.6.8	216	178	89	38	80	10	33	132	12	280	270	200	450	800
160M	2.4.6.8	254	210	108	42	110	12	37	160	14.5	330	325	220	520	990
160L	2.4.6.8	254	254	108	42	110	12	37	160	14.5	330	325	220	520	1020
180M	2.4.6.8	279	241	121	48	110	14	42.5	180	14.5	355	360	220	550	1080
180L	2.4.6.8	279	279	121	48	110	14	42.5	180	14.5	355	360	220	550	1100
200L	2.4.6.8	318	305	133	55	110	16	49	200	18.5	390	400	250	645	1120
225S	4.8	356	286	149	60	140	18	53	225	18.5	435	450	250	690	1170
225M	2	356	311	149	55	110	16	49	225	18.5	435	450	250	690	1170
225M	4.6.8	356	311	149	60	140	18	53	225	18.5	435	450	250	690	1200
250M	2	406	349	168	60	140	18	53	250	24	490	500	300	730	1270
250M	4.6.8	406	349	168	65	140	18	58	250	24	490	500	300	730	1270
280S	2	457	368	190	65	140	18	58	280	24	545	560	300	810	1350
280S	4.6.8	457	368	190	75	140	20	67.5	280	24	545	560	300	810	1350
280M	2	457	419	190	65	140	18	58	280	24	545	560	300	810	1400
280M	4.6.8	457	419	190	75	140	20	67.5	280	24	545	560	300	810	1400
315S	2	508	406	216	65	140	18	58	315	28	640	630	400	1020	1310
315S	4.6.8.10	508	406	216	80	170	22	71	315	28	640	630	400	1020	1350
315M	2	508	457	216	65	140	18	58	315	28	640	630	400	1020	1430
315M	4.6.8.10	508	457	216	80	170	22	71	315	28	640	630	400	1020	1470
315L	2	508	508	216	65	140	18	58	315	28	640	630	400	1020	1430
315L	4.6.8.10	508	508	216	80	170	22	71	315	28	640	630	400	1020	1470
355S	2	610	500	254	75	140	20	67.5	355	28	740	750	500	1080	1680
355S	4.6.8.10	610	500	254	95	170	25	86	355	28	740	750	500	1080	1750
355M	2	610	560	254	75	140	20	67.5	355	28	740	750	500	1080	1760
355M	4.6.8.10	610	560	254	95	170	25	86	355	28	740	750	500	1080	1830
355L	2	610	630	254	75	140	20	67.5	355	28	740	750	500	1080	1910
355L	4.6.8.10	610	630	254	95	170	25	86	355	28	740	750	500	1080	1940

a. G = D – GE
b. The positional tolerance of the K holes is referenced to the axis of the shaft extension
c. Overall dimensions are for reference only

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db I Mb) IM B35 H80 ~355

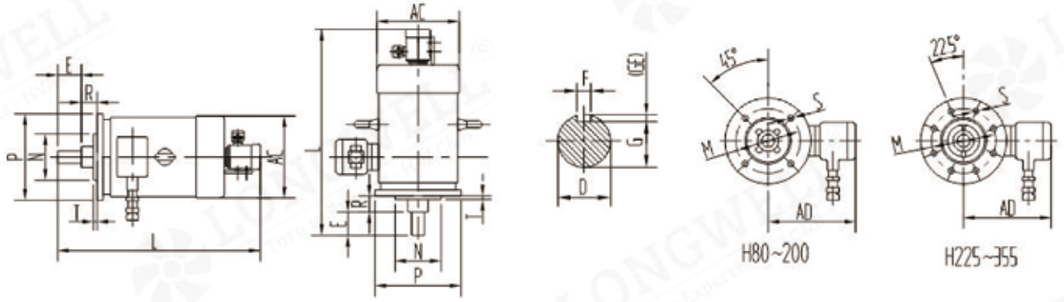


Motor with feet on the frame and a flange (with through holes) on the end shield unit: mm

Frame	Flange Size	Poles	Mounting Dimension															Number of flange holes	Figure Size				
			A	B	C	D	E	F	G	H	K	M	N	P	R	S	T		AB	AC	AD	HD	L
80M	FF165	2.4.6.8	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	4	165	165	180	320	610
90S	FF165	2.4.6.8	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	180	180	340	665
90L	FF165	2.4.6.8	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	180	180	340	690
100L	FF215	2.4.6.8	160	140	63	28	60	8	24	100	12	215	180	250	0	14.5	4	4	200	205	180	380	705
112M	FF215	2.4.6.8	190	140	70	28	60	8	24	112	12	215	180	250	0	14.5	4	4	240	230	200	410	765
132S	FF265	2.4.6.8	216	140	89	38	80	10	33	132	12	265	230	300	0	14.5	4	4	280	270	200	450	770
132M	FF265	2.4.6.8	216	178	89	38	80	10	33	132	12	265	230	300	0	14.5	4	4	280	270	200	450	800
160M	FF300	2.4.6.8	254	210	108	42	110	12	37	160	15	300	250	350	0	18.5	5	4	330	325	220	520	990
160L	FF300	2.4.6.8	254	254	108	42	110	12	37	160	15	300	250	350	0	18.5	5	4	330	325	220	520	1020
180M	FF300	2.4.6.8	279	241	121	48	110	14	42.5	180	15	300	250	350	0	18.5	5	4	355	360	220	550	1080
180L	FF300	2.4.6.8	279	279	121	48	110	14	42.5	180	15	300	250	350	0	18.5	5	4	355	360	220	550	1100
200L	FF350	2.4.6.8	318	305	133	55	110	16	49	200	19	350	300	400	0	18.5	5	4	390	400	250	645	1120
225S	FF400	4.8	356	286	149	60	140	18	53	225	19	400	350	450	0	18.5	5	8	435	450	250	690	1170
225M	FF400	2	356	311	149	55	110	16	49	225	19	400	350	450	0	18.5	5	8	435	450	250	690	1170
225M	FF400	4.6.8	356	311	149	60	140	18	53	225	19	400	350	450	0	18.5	5	8	435	450	250	690	1200
250M	FF500	2	406	349	168	60	140	18	53	250	24	500	450	550	0	18.5	5	8	490	500	300	730	1270
250M	FF500	4.6.8	406	349	168	65	140	18	58	250	24	500	450	550	0	18.5	5	8	490	500	300	730	1270
280S	FF500	2	457	368	190	65	140	18	58	280	24	500	450	550	0	18.5	5	8	545	565	300	810	1350
280S	FF500	4.6.8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	18.5	5	8	545	565	300	810	1350
280M	FF500	2	457	419	190	65	140	18	58	280	24	500	450	550	0	18.5	5	8	545	565	300	810	1400
280M	FF500	4.6.8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	18.5	5	8	545	565	300	810	1400
315S	FF600	2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6	8	640	630	400	1020	1310
315S	FF600	4.6.8.10	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6	8	640	630	400	1020	1350
315M	FF600	2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6	8	640	630	400	1020	1430
315M	FF600	4.6.8.10	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6	8	640	630	400	1020	1470
315L	FF600	2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6	8	640	630	400	1020	1430
315L	FF600	4.6.8.10	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6	8	640	630	400	1020	1470
355S	FF740	2	610	500	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	500	1080	1680
355S	FF740	4.6.8.10	610	500	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	500	1080	1750
355M	FF740	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	500	1080	1760
355M	FF740	4.6.8.10	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	500	1080	1830
355L	FF740	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	500	1080	1910
355L	FF740	4.6.8.10	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	500	1080	1940

a. G = D – GE
b. The positional tolerance of holes K and S is referenced to the axis of the shaft extension
c. Dimension P is a maximum limit value
d. R is the distance from the flange mating surface to the shaft extension shoulder
e. Overall dimensions are for reference only

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db I Mb) IM B5 V1 H80 ~355



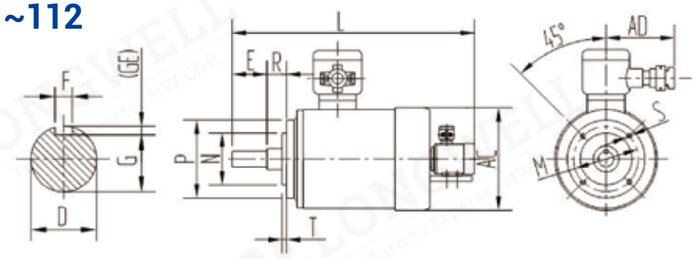
Horizontal or vertical mounting, motor without feet on the frame, and with a flange (with through holes) on the end shield

unit: mm

Frame	Flange Size	Poles	Mounting Dimension										Number of flange holes	FIgure Size			
			D	E	F	G	M	N	P	R	S	T		AC	AD	Horizontal(L)	Vertical(L)
80M	FF165	2.4.6.8	19	40	6	15.5	165	130	200	0	12	3.5	4	165	240	610	610
90S	FF165	2.4.6.8	24	50	8	20	165	130	200	0	12	3.5	4	180	260	665	665
90L	FF165	2.4.6.8	24	50	8	20	165	130	200	0	12	3.5	4	180	260	690	690
100L	FF215	2.4.6.8	28	60	8	24	215	180	250	0	14.5	4	4	205	300	705	705
112M	FF215	2.4.6.8	28	60	8	24	215	180	250	0	14.5	4	4	230	310	765	765
132S	FF265	2.4.6.8	38	80	10	33	265	230	300	0	14.5	4	4	270	320	770	770
132M	FF265	2.4.6.8	38	80	10	33	265	230	300	0	14.5	4	4	270	320	800	800
160M	FF300	2.4.6.8	42	110	12	37	300	250	350	0	18.5	5	4	325	360	990	990
160L	FF300	2.4.6.8	42	110	12	37	300	250	350	0	18.5	5	4	325	360	1020	120
180M	FF300	2.4.6.8	48	110	14	42.5	300	250	350	0	18.5	5	4	360	370	1080	1080
180L	FF300	2.4.6.8	48	110	14	42.5	300	250	350	0	18.5	5	4	360	370	1100	1100
200L	FF350	2.4.6.8	55	110	16	49	390	400	400	0	18.5	5	4	400	445	1120	1120
225S	FF400	4.8	60	140	18	53	400	350	450	0	18.5	5	8	450	465	1170	1170
225M	FF400	2	55	110	16	49	400	350	450	0	18.5	5	8	450	465	1170	1170
225M	FF400	4.6.8	60	140	18	53	400	350	450	0	18.5	5	8	450	465	1200	1200
250M	FF500	2	60	140	18	53	500	450	550	0	18.5	5	8	500	500	1270	1270
280S	FF500	2	65	140	18	58	500	450	550	0	18.5	5	8	560	550	1350	1350
280S	FF500	4.6.8	75	140	20	67.5	500	450	550	0	18.5	5	8	560	550	1350	1350
280M	FF500	2	65	140	18	58	500	450	550	0	18.5	5	8	560	550	1400	1400
280M	FF500	4.6.8	75	140	20	67.5	500	450	550	0	18.5	5	8	560	550	1400	1400
315S	FF600	2	65	140	18	58	600	550	660	0	24	6	8	630	705	-	1310
315S	FF600	4.6.8.10	80	170	22	71	600	550	660	0	24	6	8	630	705	-	1350
315M	FF600	2	65	140	18	58	600	550	660	0	24	6	8	630	705	-	1430
315M	FF600	4.6.8.10	80	170	22	71	600	550	660	0	24	6	8	630	705	-	1470
315L	FF600	2	65	140	18	58	600	550	660	0	24	6	8	630	705	-	1430
315L	FF600	4.6.8.10	80	170	22	71	600	550	660	0	24	6	8	630	705	-	1470
355S	FF740	2	75	140	20	67.5	740	680	800	0	24	6	8	750	725	-	1680
355S	FF740	4.6.8.10	95	170	25	86	740	680	800	0	24	6	8	750	725	-	1750
355M	FF740	2	75	140	20	67.5	740	680	800	0	24	6	8	750	725	-	1760
355M	FF740	4.6.8.10	95	170	25	86	740	680	800	0	24	6	8	750	725	-	1830
355L	FF740	2	75	140	20	67.5	740	680	800	0	24	6	8	750	725	-	1910
355L	FF740	4.6.8.10	95	170	25	86	740	680	800	0	24	6	8	750	725	-	1940

a. G = D - GE
b. Position tolerance of the S holes is based on the axis of the shaft extension
c. Dimension P is the maximum limit
d. R is the distance from the flange mating surface to the shaft shoulder
e. Overall dimensions are for reference only

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db I Mb) IM B14 H80 ~112



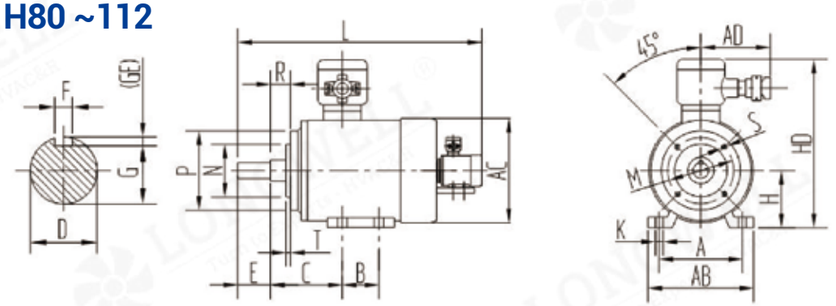
Motor without feet on the frame, and with a flange (with tapped holes) on the end shield

unit: mm

Frame	Flange Size	Poles	Mounting Dimension											Number of flange holes	FIgure Size		
			D	E	F	G	M	N	P	R	S	T			AC	AD	L
80M	FF100	2.4.6.8	19	40	6	15.5	100	80	120	0	M6	3	4		165	240	610
90S	FF115	2.4.6.8	24	50	8	20	115	95	140	0	M8	3	4		180	260	665
90L	FF115	2.4.6.8	24	50	8	20	115	95	140	0	M8	3	4		180	260	690
100L	FF130	2.4.6.8	28	60	8	24	130	110	160	0	M8	3.5	4		205	300	705
112M	FF130	2.4.6.8	28	60	8	24	130	110	160	0	M8	3.5	4		230	310	765

a. G = D - GE
b. Dimension P is the maximum limit
c. R is the distance from the flange mating surface to the shaft shoulder
d. Position tolerance of the S holes is based on the axis of the shaft extension
e. Overall dimensions are for reference only

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db I Mb) IM B34 H80 ~112



Motor with feet on the frame, and with a flange (with threaded holes) on the end shield

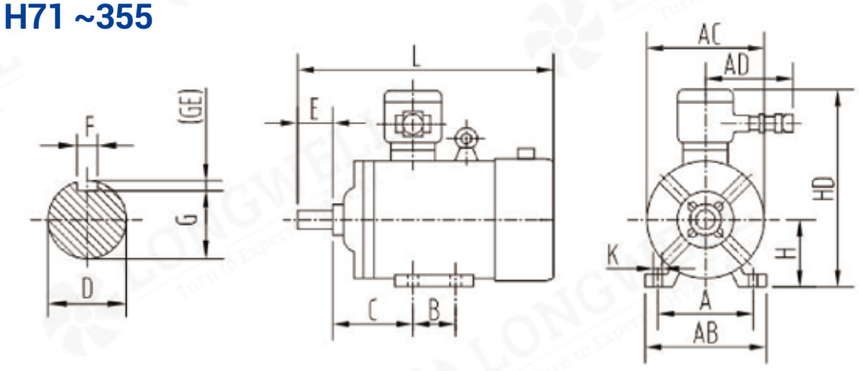
unit: mm

Frame	Flange Size	Poles	Mounting Dimension														Number of flange holes	FIgure Size				
			A	B	C	D	E	F	G	H	K	M	N	P	R	S		AB	AC	AD	HD	L
80M	FF100	2.4.6.8	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	4	165	165	180	320	610
90S	FF115	2.4.6.8	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	4	180	180	180	340	665
90L	FF115	2.4.6.8	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	4	180	180	180	340	690
100L	FF130	2.4.6.8	160	140	63	28	60	8	24	100	12	130	110	160	0	M8	4	200	205	180	380	705
112M	FF130	2.4.6.8	190	140	70	28	60	8	24	112	12	130	110	160	0	M8	4	240	230	200	410	765

a. G = D - GE
b. Position tolerance of the K and S holes is based on the axis of the shaft extension
c. Dimension P is the maximum limit
d. R is the distance from the flange mating surface to the shaft shoulder
e. Overall dimensions are for reference only

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

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db IIB T4 Gb) IM B3 H71 ~355

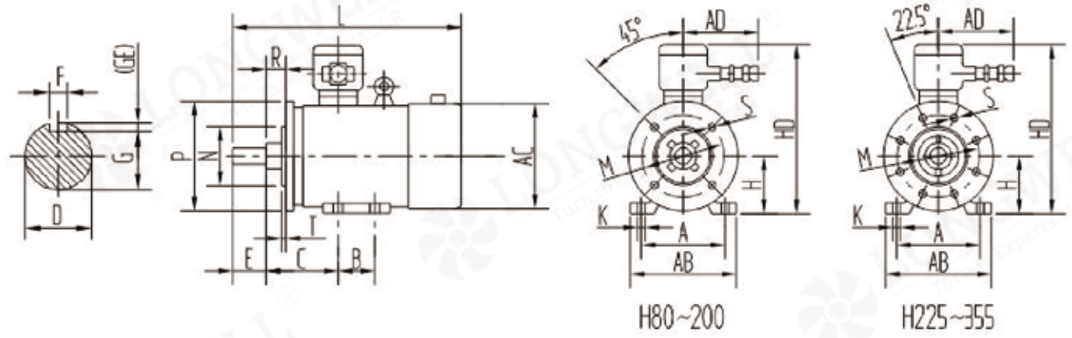


Motor with feet on the frame and without flange on the end shield unit: mm

Frame	Poles	Mounting Dimension										Figure Size			
		A	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L
71M	2.4.6	112	90	45	14	30	5	11	71	7	140	155	165	250	370
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	10	165	165	180	320	430
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	180	180	180	340	470
90L	2.4.6.8	140	125	56	24	50	8	20	90	10	180	180	180	340	500
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	200	205	180	380	560
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	245	230	200	410	610
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	280	270	200	450	620
132M	2.4.6.8	216	178	89	38	80	10	33	132	12	280	270	200	450	660
160M	2.4.6.8	254	210	108	42	110	12	37	160	14.5	330	325	220	520	790
160L	2.4.6.8	254	254	108	42	110	12	37	160	14.5	330	325	220	520	820
180M	2.4.6.8	279	241	121	48	110	14	42.5	180	14.5	355	360	220	550	880
180L	2.4.6.8	279	279	121	48	110	14	42.5	180	14.5	355	360	220	550	900
200L	2.4.6.8	318	305	133	55	110	16	49	200	18.5	390	400	250	645	970
225S	4.8	356	286	149	60	140	18	53	225	18.5	435	450	250	690	1010
225M	2	356	311	149	55	110	16	49	225	18.5	435	450	250	690	1010
225M	4.6.8	356	311	149	60	140	18	53	225	18.5	435	450	250	690	1040
250M	2	406	349	168	60	140	18	53	250	24	490	500	300	730	1090
250M	4.6.8	406	349	168	65	140	18	58	250	24	490	500	300	730	1090
280S	2	457	368	190	65	140	18	58	280	24	545	560	300	810	1160
280S	4.6.8	457	368	190	75	140	20	67.5	280	24	545	560	300	810	1160
280M	2	457	419	190	65	140	18	58	280	24	545	560	300	810	1240
280M	4.6.8	457	419	190	75	140	20	67.5	280	24	545	560	300	810	1240
315S	2	508	406	216	65	140	18	58	315	28	640	630	400	1020	1340
315S	4.6.8.10	508	406	216	80	170	22	71	315	28	640	630	400	1020	1370
315M	2	508	457	216	65	140	18	58	315	28	640	630	400	1020	1460
315M	4.6.8.10	508	457	216	80	170	22	71	315	28	640	630	400	1020	1490
315L	2	508	508	216	65	140	18	58	315	28	640	630	400	1020	1460
315L	4.6.8.10	508	508	216	80	170	22	71	315	28	640	630	400	1020	1460
355S	2	610	500	254	75	140	20	67.5	355	28	740	750	500	1080	1660
355S	4.6.8.10	610	500	254	95	170	25	86	355	28	740	750	500	1080	1710
355M	2	610	560	254	75	140	20	67.5	355	28	740	750	500	1080	1740
355M	4.6.8.10	610	560	254	95	170	25	86	355	28	740	750	500	1080	1790
355L	2	610	630	254	75	140	20	67.5	355	28	740	750	500	1080	1850
355L	4.6.8.10	610	630	254	95	170	25	86	355	28	740	750	500	1080	1900

a. G = D – GE
b. The positional tolerance of the K holes is referenced to the axis of the shaft extension
c. Overall dimensions are for reference only

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db IIB T4 Gb) IM B35 H80 ~355

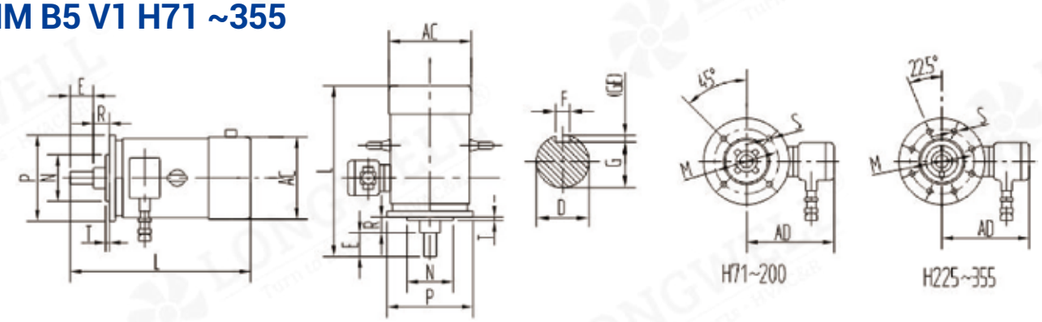


Motor with feet on the frame and a flange (with through holes) on the end shield unit: mm

Frame	Flange Size	Poles	Mounting Dimension														Number of flange holes	Figure Size				
			A	B	C	D	E	F	G	H	K	M	N	P	R	S	T		AB	AC	AD	HD	L
80M	FF165	2.4.6.8	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	4	165	165	180	320	430
90S	FF165	2.4.6.8	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	180	180	340	470
90L	FF165	2.4.6.8	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	180	180	340	500
100L	FF215	2.4.6.8	160	140	63	28	60	8	24	100	12	215	180	250	0	14.5	4	4	200	205	180	380	560
112M	FF215	2.4.6.8	190	140	70	28	60	8	24	112	12	215	180	250	0	14.5	4	4	245	230	200	410	610
132S	FF265	2.4.6.8	216	140	89	38	80	10	33	132	12	265	230	300	0	14.5	4	4	280	270	200	450	620
132M	FF265	2.4.6.8	216	178	89	38	80	10	33	132	12	265	230	300	0	14.5	4	4	280	270	200	450	660
160M	FF300	2.4.6.8	254	210	108	42	110	12	37	160	15	300	250	350	0	18.5	5	4	330	325	220	520	790
160L	FF300	2.4.6.8	254	254	108	42	110	12	37	160	15	300	250	350	0	18.5	5	4	330	325	220	520	820
180M	FF300	2.4.6.8	279	241	121	48	110	14	42.5	180	15	300	250	350	0	18.5	5	4	355	360	220	550	880
180L	FF300	2.4.6.8	279	279	121	48	110	14	42.5	180	15	300	250	350	0	18.5	5	4	355	360	220	550	900
200L	FF350	2.4.6.8	318	305	133	55	110	16	49	200	19	350	300	400	0	18.5	5	4	390	400	250	645	970
225S	FF400	4.8	356	286	149	60	140	18	53	225	19	400	350	450	0	18.5	5	8	435	450	250	690	1010
225M	FF400	2	356	311	149	55	110	16	49	225	19	400	350	450	0	18.5	5	8	435	450	250	690	1010
225M	FF400	4.6.8	356	311	149	60	140	18	53	225	19	400	350	450	0	18.5	5	8	435	450	250	690	1040
250M	FF500	2	406	349	168	60	140	18	53	250	24	500	450	550	0	18.5	5	8	490	500	300	730	1090
250M	FF500	4.6.8	406	349	168	65	140	18	58	250	24	500	450	550	0	18.5	5	8	490	500	300	730	1090
280S	FF500	2	457	368	190	65	140	18	58	280	24	500	450	550	0	18.5	5	8	545	565	300	810	1160
280S	FF500	4.6.8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	18.5	5	8	545	565	300	810	1160
280M	FF500	2	457	419	190	65	140	18	58	280	24	500	450	550	0	18.5	5	8	545	565	300	810	1240
280M	FF500	4.6.8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	18.5	5	8	545	565	300	810	1240
315S	FF600	2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6	8	640	630	400	1020	1340
315S	FF600	4.6.8.10	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6	8	640	630	400	1020	1370
315M	FF600	2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6	8	640	630	400	1020	1460
315M	FF600	4.6.8.10	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6	8	640	630	400	1020	1490
315L	FF600	2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6	8	640	630	400	1020	1460
315L	FF600	4.6.8.10	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6	8	640	630	400	1020	1490
355S	FF740	2	610	500	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	500	1080	1660
355S	FF740	4.6.8.10	610	500	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	500	1080	1710
355M	FF740	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	500	1080	1740
355M	FF740	4.6.8.10	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	500	1080	1790
355L	FF740	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	500	1080	1850
355L	FF740	4.6.8.10	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	500	1080	1900

a. G = D – GE
b. The positional tolerance of holes K and S is referenced to the axis of the shaft extension
c. Dimension P is a maximum limit value
d. R is the distance from the flange mating surface to the shaft extension shoulder
e. Overall dimensions are for reference only

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db IIB T4 Gb) IM B5 V1 H71 ~355



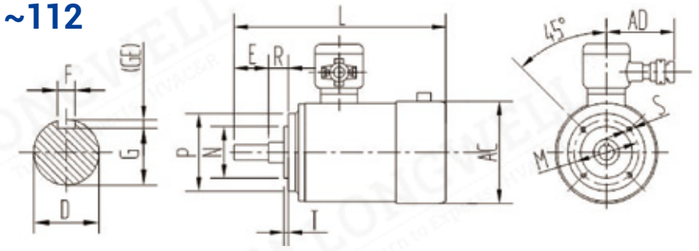
Horizontal or vertical mounting, motor without feet on the frame, and with a flange (with through holes) on the end shield

unit: mm

Frame	Flange Size	Poles	Mounting Dimension										Number of flange holes	Figure Size			
			D	E	F	G	M	N	P	R	S	T		AC	AD	Horizontal(L)	Vertical(L)
71M	FF130	2.4.6	14	30	5	11	130	110	160	0	10	3	4	145	170	370	400
80M	FF165	2.4.6.8	19	40	6	15.5	165	130	200	0	12	3.5	4	165	240	430	475
90S	FF165	2.4.6.8	24	50	8	20	165	130	200	0	12	3.5	4	180	260	470	515
90L	FF165	2.4.6.8	24	50	8	20	165	130	200	0	12	3.5	4	180	260	500	545
100L	FF215	2.4.6.8	28	60	8	24	215	180	250	0	14.5	4	4	205	300	560	610
112M	FF215	2.4.6.8	28	60	8	24	215	180	250	0	14.5	4	4	230	310	610	665
132S	FF265	2.4.6.8	38	80	10	33	265	230	300	0	14.5	4	4	270	320	620	680
132M	FF265	2.4.6.8	38	80	10	33	265	230	300	0	14.5	4	4	270	320	660	720
160M	FF300	2.4.6.8	42	110	12	37	300	250	350	0	18.5	5	4	325	360	790	855
160L	FF300	2.4.6.8	42	110	12	37	300	250	350	0	18.5	5	4	325	360	820	885
180M	FF300	2.4.6.8	48	110	14	42.5	300	250	350	0	18.5	5	4	360	370	880	950
180L	FF300	2.4.6.8	48	110	14	42.5	300	250	350	0	18.5	5	4	360	370	900	970
200L	FF350	2.4.6.8	55	110	16	49	350	300	400	0	18.5	5	4	400	445	970	1040
225S	FF400	4.8	60	140	18	53	400	350	450	0	18.5	5	8	450	465	1010	1080
225M	FF400	2	55	110	16	49	400	350	450	0	18.5	5	8	450	465	1010	1080
225M	FF400	4.6.8	60	140	18	53	400	350	450	0	18.5	5	8	450	465	1040	1110
250M	FF500	2	60	140	18	53	500	450	550	0	18.5	5	8	500	500	1090	1170
280S	FF500	2	65	140	18	58	500	450	550	0	18.5	5	8	560	550	1160	1250
280S	FF500	4.6.8	75	140	20	67.5	500	450	550	0	18.5	5	8	560	550	1160	1250
280M	FF500	2	65	140	18	58	500	450	550	0	18.5	5	8	560	550	1240	1330
280M	FF500	4.6.8	75	140	20	67.5	500	450	550	0	18.5	5	8	560	550	1240	1330
315S	FF600	2	65	140	18	58	600	550	660	0	24	6	8	630	705	-	1440
315S	FF600	4.6.8.10	80	170	22	71	600	550	660	0	24	6	8	630	705	-	1470
315M	FF600	2	65	140	18	58	600	550	660	0	24	6	8	630	705	-	1560
315M	FF600	4.6.8.10	80	170	22	71	600	550	660	0	24	6	8	630	705	-	1590
315L	FF600	2	65	140	18	58	600	550	660	0	24	6	8	630	705	-	1560
315L	FF600	4.6.8.10	80	170	22	71	600	550	660	0	24	6	8	630	705	-	1590
355S	FF740	2	75	140	20	67.5	740	680	800	0	24	6	8	750	725	-	1760
355S	FF740	4.6.8.10	95	170	25	86	740	680	800	0	24	6	8	750	725	-	1810
355M	FF740	2	75	140	20	67.5	740	680	800	0	24	6	8	750	725	-	1840
355M	FF740	4.6.8.10	95	170	25	86	740	680	800	0	24	6	8	750	725	-	1890
355L	FF740	2	75	140	20	67.5	740	680	800	0	24	6	8	750	725	-	1950
355L	FF740	4.6.8.10	95	170	25	86	740	680	800	0	24	6	8	750	725	-	2000

a. G = D - GE
b. Position tolerance of the S holes is based on the axis of the shaft extension
c. Dimension P is the maximum limit
d. R is the distance from the flange mating surface to the shaft shoulder
e. Overall dimensions are for reference only

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db IIB T4 Gb) IM B14 H71 ~112



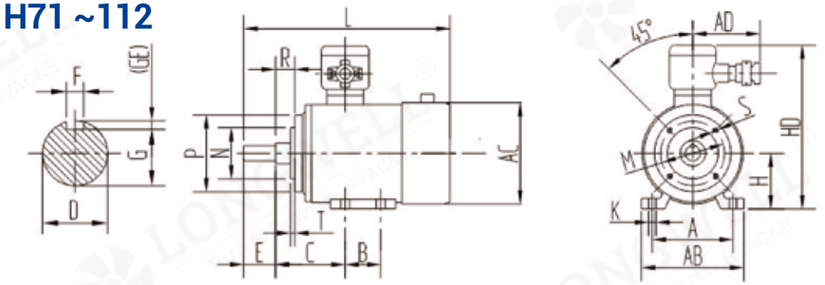
Motor without feet on the frame, and with a flange (with tapped holes) on the end shield

unit: mm

Frame	Flange Size	Poles	Mounting Dimension												Number of flange holes	Figure Size		
			D	E	F	G	M	N	P	R	S	T				AC	AD	L
71M	FF85	2.4.6	14	30	5	11	85	70	105	0	M6	2.5	4			155	170	370
80M	FF100	2.4.6.8	19	40	6	15.5	100	80	120	0	M6	3	4			165	240	430
90S	FF115	2.4.6.8	24	50	8	20	115	95	140	0	M8	3	4			180	260	470
90L	FF115	2.4.6.8	24	50	8	20	115	95	140	0	M8	3	4			180	260	500
100L	FF130	2.4.6.8	28	60	8	24	130	110	160	0	M8	3.5	4			205	300	560
112M	FF130	2.4.6.8	28	60	8	24	130	110	160	0	M8	3.5	4			230	310	610

a. G = D - GE
b. Dimension P is the maximum limit
c. R is the distance from the flange mating surface to the shaft shoulder
d. Position tolerance of the S holes is based on the axis of the shaft extension
e. Overall dimensions are for reference only

Outline and Mounting Dimensions of LWYBBP Series Flameproof Variable Frequency Three Phase Asynchronous Motor (Ex db IIB T4 Gb) IM B34 H71 ~112



Motor with feet on the frame, and with a flange (with threaded holes) on the end shield

unit: mm

Frame	Flange Size	Poles	Mounting Dimension														Number of flange holes	Figure Size				
			A	B	C	D	E	F	G	H	K	M	N	P	R	S		AB	AC	AD	HD	L
71M	FF85	2.4.6	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	4	140	155	165	250	370
80M	FF100	2.4.6.8	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	4	165	165	180	320	430
90S	FF115	2.4.6.8	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	4	180	180	180	340	470
90L	FF115	2.4.6.8	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	4	180	180	180	340	500
100L	FF130	2.4.6.8	160	140	63	28	60	8	24	100	12	130	110	160	0	M8	4	200	205	180	380	560
112M	FF130	2.4.6.8	190	140	70	28	60	8	24	112	12	130	110	160	0	M8	4	240	230	200	410	610

a. G = D - GE
b. Position tolerance of the K and S holes is based on the axis of the shaft extension
c. Dimension P is the maximum limit
d. R is the distance from the flange mating surface to the shaft shoulder
e. Overall dimensions are for reference only