CATALOGUE OF ELECTRICAL PRODUCTS: ELECTRIC MOTORS

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Jiangsu Jack Motor Co., Ltd.

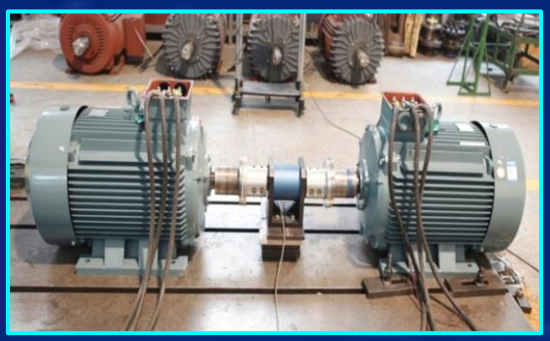
July 2025

Jiangsu Jack Motor Co., Ltd. has integrated the entire production chain for electric machines under its management and exercises strict quality control at all stages of manufacturing — from incoming material inspection to factory testing of the products before shipment to the customer.

Jiangsu Jack Motor Co., Ltd. operates two types of testing centers in China: one for low-voltage motors and another for high-voltage motors. The power range of the tested low-voltage motors is from 0.37 kW to 800 kW, while the power range of the high-voltage motors is from 350 kW to 20,000 kW. The accuracy of the test results is recognized by numerous customers.

Management of the High-Voltage Electric Motor Testing Center

Low-Voltage Electric Motor Testing Center



Low-Voltage Electric Motor Testing

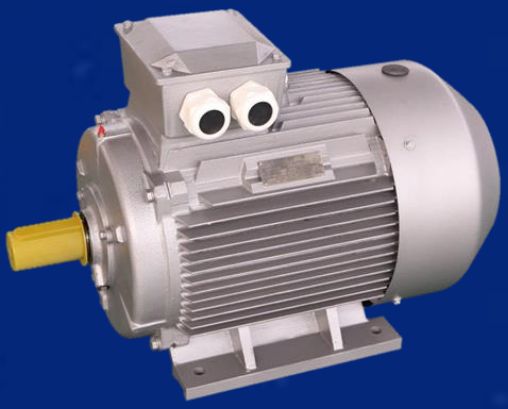
High-Voltage Electric Motor Testing Center

DC Electric Motor Testing Workshop

Low-Voltage Electric Motor Testing

Low-Voltage Asynchronous Electric Motors

General-Purpose Three-Phase Asynchronous Electric Motors for Northern Conditions, JM-AM-LV-LP-LT Series
Category: Asynchronous electric motors, low voltage, general-purpose, for severe continental climate
Shaft center height: 80–355 mm
Power output: 0.55–315 kW
Number of poles: 2–8
Voltage: 380 V
Rated frequency: 50 Hz
Degree of protection: IP55
These electric motors, in addition to high reliability and efficiency, are characterized by low noise levels, a compact design, and other advantages. They are used to drive various machines and mechanisms in different industrial sectors. They feature a wide ambient temperature range: –60 ℃ to +60 ℃.



General-Purpose Three-Phase Asynchronous Electric Motors, JM-AM-LV-LP-3 Series
Category: Asynchronous electric motors, low voltage, general-purpose, 3rd modification
Shaft center height: 80–355 mm
Power output: 0.75–375 kW
Number of poles: 2–6
Voltage: 380 V
Rated frequency: 50 Hz
Degree of protection: IP55
These electric motors, in addition to high reliability and efficiency, are characterized by low noise levels, a compact design, and other advantages. They are used to drive various machines and mechanisms in different industrial sectors.

General-Purpose Three-Phase Asynchronous Electric Motors, JM-AM-LV-HP Series
Category: Asynchronous electric motors, low voltage, general-purpose
Shaft center height: 355–450 mm
Power output: 200–900 kW
Number of poles: 2–8
Voltage: 380 V
Rated frequency: 50 Hz
Degree of protection: IP55
These electric motors, in addition to high reliability and efficiency, are characterized by low noise levels, a compact design, and other advantages. They are used to drive various machines and mechanisms in different industrial sectors.

General-Purpose Three-Phase Asynchronous Electric Motors, JM-AM-LV-LP-2 Series
Category: Asynchronous electric motors, low voltage, general-purpose, 2nd modification
Shaft center height: 80–355 mm
Power output: 0.55–315 kW
Number of poles: 2–10
Voltage: 380 V
Rated frequency: 50 Hz
Degree of protection: IP55
These electric motors, in addition to high reliability and efficiency, are characterized by low noise levels, a compact design, and other advantages. They are used to drive various machines and mechanisms in various industrial sectors.

Explosion-Proof Three-Phase Asynchronous Electric Motors with Frequency Control, JM-AM-LV-VF-Ex Series
Category: Asynchronous electric motors, low voltage, explosion-proof, with frequency control
Shaft center height: 143–449 mm
Power output: 0.75–185 kW
Number of poles: 2–6
Voltage: 380 V
Rated frequency: 50 Hz
These motors are used to drive various mechanisms operated in explosive environments in the oil and gas sector, mining industry, chemical industry, and other related fields.

Explosion-Proof Three-Phase Asynchronous Electric Motors of Mine Type, JM-AM-LV-Ex-SP (mine) Series
Category: Asynchronous electric motors, low voltage, explosion-proof, mine type
Shaft center height: 80–355 mm
Power output: 0.75–375 kW
Number of poles: 2–10
Voltage: 380 V
Rated frequency: 50 Hz
These electric motors are designed to drive various machines and mechanisms in explosive environments of the coal, shale, oil refining, gas, and other industrial sectors.

Three-Phase Asynchronous Electric Motors with Frequency Control, JM-AM-LV-VF Series
Category: Asynchronous electric motors, low voltage, with frequency control
Shaft center height: 80–450 mm
Power output: 0.55–900 kW
Number of poles: 6
Voltage: 380 V
Rated frequency: 50 Hz
Frequency control range: 5–100 Hz
Degree of protection: IP55
These electric motors are characterized by uniform torque at low rotational speeds, stable operation throughout the entire speed range, low noise levels, high reliability, and cost efficiency. They can be used to drive various machines and mechanisms that require speed control over a wide range.

Explosion-Proof Three-Phase Asynchronous Electric Motors for Oil Wells with Frequency Control, JM-AM-LV-VF-Ex-SP (oil pump) Series
Category: Asynchronous electric motors, low voltage, explosion-proof, with frequency control, special purpose, for oil pumping units
Shaft center height: 213–449 mm
Power output: 0.75–120 kW
Number of poles: 6
Voltage: 380 V
Rated frequency: 50 Hz
In addition to high reliability and efficiency, these motors are characterized by high starting torque, low starting current, high overload capacity, low noise levels, and other advantages. They are used to drive oil pumping units at oil wells.

Explosion-Proof Three-Phase Asynchronous Electric Motors, JM-AM-LV-3-Ex Series
Category: Asynchronous electric motors, low voltage, explosion-proof
Shaft center height: 143–449 mm
Power output: 0.75–185 kW
Number of poles: 2–6
Voltage: 380 V
Rated frequency: 50 Hz
These motors are used to drive various mechanisms operated in explosive environments in the oil and gas sector, mining industry, chemical industry, and other related fields.

High-Temperature Multi-Speed Three-Phase Asynchronous Electric Motors with Pole-Changing for Fans, JM-AM-LV-PC-HT-SP (fan) Series
Category: Asynchronous electric motors, low voltage, multi-speed (pole-changing), high-temperature, special purpose, for fans
Shaft center height: 80–315 mm
Power output: 0.75–375 kW
Voltage: 380 V
Rated frequency: 50 Hz
Degree of protection: IP55
Possible heat resistance options: 200 ℃ / 2 hours; 250 ℃ / 2 hours; 280 ℃ / 2 hours; 300 ℃ / 2 hours.
These electric motors are used to drive ventilation equipment in fire protection systems of subways, tunnels, shopping centers, parking lots, and similar facilities.

Explosion-Proof Three-Phase Asynchronous Electric Motors of Mine Type, JM-AM-LV-Ex-SP (mine fan) Series
Category: Asynchronous electric motors, low voltage, explosion-proof, mine type, for mine fans
Shaft center height: 112–355 mm
Power output: 2.2–315 kW
Number of poles: 2–10
Voltage: 380 V
Rated frequency: 50 Hz
These motors are designed to drive fans operating in coal and shale mines under conditions of hazardous gas (e.g., methane) and dust concentrations. The terminal box is mounted above the fan housing and is connected to the motor cavity by a transition pipe, which allows rotation by an angle in multiples of 90° within the installation plane.

High-Temperature Three-Phase Asynchronous Electric Motors, JM-AM-LV-HT Series
Category: Asynchronous electric motors, low voltage, high-temperature
Shaft center height: 80–355 mm
Power output: 0.75–375 kW
Number of poles: 2–6
Voltage: 380 V
Rated frequency: 50 Hz
Possible heat resistance options: 200 ℃ / 2 hours; 250 ℃ / 2 hours; 280 ℃ / 2 hours; 300 ℃ / 2 hours.
These electric motors are used to drive equipment in fire protection systems of subways, tunnels, shopping centers, parking lots, and other similar facilities.

Marine Three-Phase Asynchronous Electric Motors, JM-AM-LV-SP (Sh) Series
Category: Asynchronous electric motors, low voltage, special purpose, marine
Shaft center height: 80–400 mm
Power output: 0.55–450 kW
Number of poles: 2–10
Voltage: 380 V
Degree of protection: IP54, IP55, IP56
These electric motors are used to drive various marine equipment and are characterized by high efficiency and reliable performance. They feature high starting torque and are approved by numerous classification societies.

Explosion-Proof Three-Phase Asynchronous Electric Motors of Mine Type for Conveyors, JM-AM-LV-Ex-SP (mine conveyor) Series
Category: Asynchronous electric motors, low voltage, explosion-proof, special purpose, mine type, for conveyors
Power output: 7.5–100 kW
Voltage: 380 V
Rated frequency: 50 Hz
Degree of protection: IP55
These electric motors are designed to drive conveyors operating in explosive environments in the coal, shale, oil refining, gas, and other industrial sectors.

Marine Crane Three-Phase Asynchronous Electric Motors, JM-AM-LV-SP (ShCr) Series
Category: Asynchronous electric motors, low voltage, special purpose, marine, crane
Shaft center height: 280–315 mm
Power output and duty type: S1: 75–200 kW; S6-15%: 132–400 kW; S6-40%: 112–340 kW
Number of poles: 4
Voltage: 380 V
Degree of protection: IP56
Mounting method: B3, V11, B5, V1
These electric motors are used to drive marine lifting equipment and are characterized by high efficiency and reliable operation. They feature high starting torque and excellent overload capacity. These motors are approved by numerous classification societies.

Three-Phase Asynchronous Electric Motors with Frequency Control for Rolling Tables, JM-AM-LV-VF-SP (rolling table) Series
Category: Asynchronous electric motors, low voltage, with frequency control, special purpose, for rolling tables
Shaft center height: 112–500 mm
Power output: 1.1–500 kW
Number of poles: 4–12
Voltage: 380 V
Rated frequency: 50 Hz
Frequency control range: 10–120 Hz
Degree of protection: IP55
These electric motors are characterized by high and uniform torque at low rotational speeds, high overload capacity (2.8–4 times the rated torque), stable operation over a wide speed range, low noise levels, high reliability, and cost efficiency. They are used to drive rolling tables at metallurgical rolling mills.

Three-Phase Asynchronous Electric Motors with IP66 Degree of Protection, JM-AM-LV-IP66-2 Series

Explosion-Proof Three-Phase Asynchronous Electric Motors for Compressor Drives, JM-AM-LV-SP (compressor) Series

Three-Phase Asynchronous Electric Motors with IP66 Degree of Protection, JM-AM-LV-IP66-1 Series

Vertical Three-Phase Asynchronous Electric Motors with Frequency Control, JM-AM-LV-VF-V Series

Three-Phase Asynchronous Electric Motors with Frequency Control, Crane Type, JM-AM-LV-VF-SP (crane) Series

All electric motors can be designed and manufactured according to individual customer requirements.

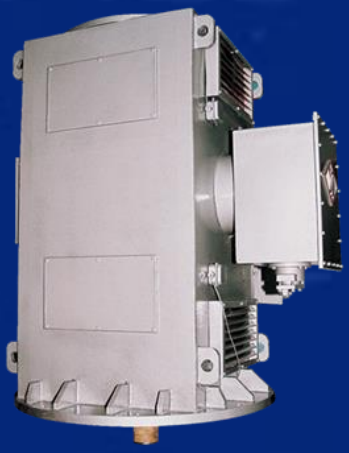
High-Voltage Asynchronous Electric Motors

Three-Phase Asynchronous Electric Motors, JM-AM-HV-IP23 Series

Vertical Three-Phase Asynchronous Electric Motors, JM-AM-HV Series

General-Purpose Three-Phase Asynchronous Electric Motors with Air-to-Air Cooling, JM-AM-HV-AA Series

Explosion-Proof Three-Phase Asynchronous Electric Motors, JM-AM-HV-Ex Series



Three-Phase Asynchronous Electric Motors with Frequency Control and Independent Cooling Fan, JM-AM-HV-VF Series

High-Voltage Asynchronous Electric Motors with Air-to-Water Cooling, JM-AM-AW

High-Voltage Asynchronous Electric Motors with Air-to-Air Cooling, JM-AM-AA

All electric motors can be designed and manufactured according to individual customer requirements.

High-Voltage Synchronous Electric Motors, JM-SM Series

Synchronous Electric Motors are used in various industries to drive mechanisms operating under heavy loads. It is advisable to use synchronous motors in mechanisms that operate continuously without frequent starts and stops.

Characteristics of a Synchronous Motor

The design of a synchronous motor makes it possible to optimize its operating mode through automatic excitation current adjustment. A synchronous motor can operate without consuming reactive power, and with a power factor equal to one, the motor draws only active current from the power supply network during operation. The stator winding of a synchronous motor is designed exclusively for active current (unlike an asynchronous motor), which makes it possible to significantly reduce the motor's overall dimensions while maintaining power output and substantially increasing efficiency parameters.

Synchronous motors have the following advantages:

- Stable performance characteristics under fluctuations in supply voltage;
- High overload capacity ensuring stable shaft rotational speed;
- High reliability due to increased air gaps;
- High power factor ($\cos \varphi = 1$);
- Possibility of use in industrial facilities to improve the overall power factor.

The advantages of synchronous motors are most evident when operating at low rotational speeds with a direct connection to the driven mechanism.

Direct Current Electric Motors, JM-DC Series

Direct Current Electric Motors for Oil Pumps, JM-DC-SP (oil pump) Series

Direct Current Electric Motors, JM-DC Series

All electric motors can be designed and manufactured according to individual customer requirements.

Technical Specifications for Low-Voltage Asynchronous Electric Motors (380 V) with IP54 Degree of Protection and SKF Bearings

No.	Power Output and Rotational Speed	Motor Model
1	3kW, 3000r/min	JM-AM-LV-LP-3-100L-2-3KW
2	5,5kW, 1500r/min	JM-AM-LV-LP-3-200M-4-55KW
3	5,5kW, 3000r/min	JM-AM-LV-LP-3-132S1-2-5.5KW
4	7,5kW, 1500r/min	JM-AM-LV-LP-3-132M-4-7.5KW
5	7,5kW, 3000r/min	JM-AM-LV-LP-3-132S2-2-7.5KW
6	11kW, 3000r/min	JM-AM-LV-LP-3-160M1-2-11KW
7	15kW, 1500r/min	JM-AM-LV-LP-3-160L-4-15KW
8	15kW, 3000r/min	JM-AM-LV-LP-3-160M2-2-15KW
9	18,5kW, 3000r/min	JM-AM-LV-LP-3-160L2-2-18.5KW
10	18,5kW, 3000r/min	JM-AM-LV-LP-3-160L2-2-18.5KW
11	22kW, 1500r/min	JM-AM-LV-LP-3-180L-4-22KW
12	22kW, 3000r/min	JM-AM-LV-LP-3-180M-2-22KW
13	30kW, 1500r/min	JM-AM-LV-LP-3-200L-4-30KW
14	30kW, 3000r/min	JM-AM-LV-LP-3-200L1-2-30KW

All the specified parameters and the motor weight are provided for reference only. The final technical specifications are subject to confirmation based on the general arrangement drawing agreed upon by the parties. The motors are manufactured in standard sizes; if necessary, custom design can be carried out upon agreement with the customer.

Jack Motor

Technical Specifications for Low-Voltage Asynchronous Electric Motors (380 V) with IP54 Degree of Protection and SKF Bearings (continued)

No.	Power Output and Rotational Speed	Motor Model	Motor Model with Frequency Control
1	37 kW, 1000r/min	JM-AM-LV-LP-3-250M-6-37KW	JM-AM-LV-VF-LP-3-250M-6-37KW
2	37 kW, 1500r/min	JM-AM-LV-LP-3-225S-4-37KW	JM-AM-LV-VF-LP-3-225S-4-37KW
3	37 kW, 3000r/min	JM-AM-LV-LP-3-200L-2-37KW	JM-AM-LV-VF-LP-3-200L-2-37KW
4	45 kW, 1500r/min	JM-AM-LV-LP-3-225M-4-45KW	JM-AM-LV-VF-LP-3-225M-4-45KW
5	55kW, 750r/min	JM-AM-LV-LP-3-315S-8-55KW	JM-AM-LV-VF-LP-3-315S-8-55KW
6	55kW, 1500r/min	JM-AM-LV-LP-3-250M-4-55KW	JM-AM-LV-VF-LP-3-250M-4-55KW
7	75kW, 750r/min	JM-AM-LV-LP-3-315M-8-75KW	JM-AM-LV-VF-LP-3-315M-8-75KW
8	75kW, 1000r/min	JM-AM-LV-LP-3-315S-6-75KW	JM-AM-LV-VF-LP-3-315S-6-75KW
9	75kW, 1500r/min	JM-AM-LV-LP-3-280S-4-75KW	JM-AM-LV-VF-LP-3-280S-4-75KW
10	90kW, 1000r/min	JM-AM-LV-LP-3-315M-6-90KW	JM-AM-LV-VF-LP-3-315M-6-90KW
11	90kW, 1500r/min	JM-AM-LV-LP-3-280M-4-90KW	JM-AM-LV-VF-LP-3-280M-4-90KW
12	110kW, 750r/min	JM-AM-LV-LP-3-315L2-8-110KW	JM-AM-LV-VF-LP-3-315L2-8-110KW
13	110kW, 1500r/min	JM-AM-LV-LP-3-315S-4-110KW	JM-AM-LV-VF-LP-3-315S-4-110KW
14	110kW, 1000	JM-AM-LV-LP-3-315L1-6-110KW	JM-AM-LV-VF-LP-3-315L1-6-110KW
15	110kW, 1500	JM-AM-LV-LP-3-315S-4-110KW	JM-AM-LV-VF-LP-3-315S-4-110KW
16	132kW, 750r/min	JM-AM-LV-LP-3-355M-8-132KW	JM-AM-LV-VF-LP-3-355M-8-132KW
17	132kW, 1000r/min	JM-AM-LV-LP-3-315L-6-132KW	JM-AM-LV-VF-LP-3-315L-6-132KW
18	132kW, 1500r/min	JM-AM-LV-LP-3-315M-4-132KW	JM-AM-LV-VF-LP-3-315M-4-132KW
19	160kW, 750r/min	JM-AM-LV-LP-3-355M2-8-160KW	JM-AM-LV-VF-LP-3-355M2-8-160KW
20	160kW, 1000r/min	JM-AM-LV-LP-3-355M1-6-160KW	JM-AM-LV-VF-LP-3-355M1-6-160KW
21	160kW, 1500r/min	JM-AM-LV-LP-3-315L1-4-160KW	JM-AM-LV-VF-LP-3-315L1-4-160KW
22	200kW, 750r/min	JM-AM-LV-LP-3-355L2-8-200KW	JM-AM-LV-VF-LP-3-355L2-8-200KW
23	200kW, 1000r/min	JM-AM-LV-LP-3-355M3-6-200KW	JM-AM-LV-VF-LP-3-355M3-6-200KW
24	200kW, 1500r/min	JM-AM-LV-LP-3-315L-4-200KW	JM-AM-LV-VF-LP-3-315L-4-200KW
25	250kW, 750r/min	JM-AM-LV-LP-3-355X-8-250KW	JM-AM-LV-VF-LP-3-355X-8-250KW
26	250kW, 1000r/min	JM-AM-LV-LP-3-355M3-6-250KW	JM-AM-LV-VF-LP-3-355M3-6-250KW
27	250kW, 1500r/min	JM-AM-LV-LP-3-355M-4-250KW	JM-AM-LV-VF-LP-3-355M-4-250KW
28	315kW, 1000r/min	JM-AM-LV-LP-3-355L-6-315KW	JM-AM-LV-VF-LP-3-355L-6-315KW
29	315kW, 1500r/min	JM-AM-LV-LP-3-355L2-4-315KW	JM-AM-LV-VF-LP-3-355L2-4-315KW
30	400kW, 1500r/min	JM-AM-LV-LP-3-400-4-400KW	JM-AM-LV-VF-LP-3-400-4-400KW

All the specified parameters and the motor weight are provided for reference only. The final technical specifications are subject to confirmation based on the general arrangement drawing agreed upon by the parties. The motors are manufactured in standard sizes; if necessary, custom design can be carried out upon agreement with the customer.

Jack Motor

Technical Specifications for High-Voltage Asynchronous Electric Motors (6 kV) with IP54 Degree of Protection and SKF Bearings

No.	Power Output and Rotational Speed	Motor Model	Motor Model with Frequency Control
1	250kW, 750r/min	JM-AM-HV-AA-400-8-250KW	JM-AM-HV-AA-VF-400-8-250KW
2	250kW, 1000r/min	JM-AM-HV-AA-400-6-250KW	JM-AM-HV-AA-VF-400-6-250KW
3	250kW, 1500r/min	JM-AM-HV-AA-355-4-250KW	JM-AM-HV-AA-VF-355-4-250KW
4	315kW, 750r/min	JM-AM-HV-AA-450-8-315KW	JM-AM-HV-AA-VF-450-8-315KW
5	315kW, 1000r/min	JM-AM-HV-AA-400-6-315KW	JM-AM-HV-AA-VF-400-6-315KW
6	315kW, 1500r/min	JM-AM-HV-AA-400-4-315KW	JM-AM-HV-AA-VF-400-4-315KW
7	400kW, 750r/min	JM-AM-HV-AA-450-8-400KW	JM-AM-HV-AA-VF-450-8-400KW
8	400kW, 1000r/min	JM-AM-HV-AA-450-6-400KW	JM-AM-HV-AA-VF-450-6-400KW
9	400kW, 1500r/min	JM-AM-HV-AA-400-4-400KW	JM-AM-HV-AA-VF-400-4-400KW
10	500kW, 600r/min	JM-AM-HV-AA-500-10-500KW	JM-AM-HV-AA-VF-500-10-500KW
11	500kW, 750r/min	JM-AM-HV-AA-500-8-500KW	JM-AM-HV-AA-VF-500-8-500KW
12	500kW, 1000r/min	JM-AM-HV-AA-450-6-500KW	JM-AM-HV-AA-VF-450-6-500KW
13	500kW, 1500r/min	JM-AM-HV-AA-450-4-500KW	JM-AM-HV-AA-VF-450-4-500KW
14	630kW, 750r/min	JM-AM-HV-AA-500-8-630KW	JM-AM-HV-AA-VF-500-8-630KW
15	630kW, 1000r/min	JM-AM-HV-AA-500-6-630KW	JM-AM-HV-AA-VF-500-6-630KW
16	630kW, 1500r/min	JM-AM-HV-AA-450-4-630KW	JM-AM-HV-AA-VF-450-4-630KW
17	800kW, 500r/min	JM-AM-HV-AA-630-12-800KW	JM-AM-HV-AA-VF-630-12-800KW
18	800kW, 750r/min	JM-AM-HV-AA-560-8-800KW	JM-AM-HV-AA-VF-560-8-800KW
19	800kW, 600r/min	JM-AM-HV-AA-630-10-800KW	JM-AM-HV-AA-VF-630-10-800KW
20	800kW, 1000r/min	JM-AM-HV-AA-560-6-800KW	JM-AM-HV-AA-VF-560-6-800KW
21	1000kW, 750r/min	JM-AM-HV-AA-630-8-1000KW	JM-AM-HV-AA-VF-630-8-1000KW

All the specified parameters and the motor weight are provided for reference only. The final technical specifications are subject to confirmation based on the general arrangement drawing agreed upon by the parties. The motors are manufactured in standard sizes; if necessary, custom design can be carried out upon agreement with the customer.

JackMotor

Technical Specifications for Synchronous Electric Motors with IP20 Degree of Protection and SKF Sleeve Bearings

No.	Power Output and Rotational Speed	Motor Model	Motor Model with Frequency Control
1	1,25MW, 500r/min	JM-SM-1250-12/1430 (10T)	JM-SM-VF-1250-12/1730 (10T)
2	1,25MW, 600r/min	JM-SM-1250-10/1430 (9T)	JM-SM-VF-1250-10/1430 (9T)
3	1,6MW, 600r/min	JM-SM-1600-10/1430 (13T)	JM-SM-VF-1600-10/1430 (13T)
4	1,6MW, 500r/min	JM-SM-1600-12/1730 (13,5T)	JM-SM-VF-1600-12/1730 (13,5T)
5	2MW, 500r/min	JM-SM-2000-12/1730 (16T)	JM-SM-VF-2000-12/1730 (16T)
6	2MW, 600r/min	JM-SM-2000-10/1730 (14.5T)	JM-SM-VF-2000-10/1730 (14.5T)
7	2,5MW, 500r/min	JM-SM-2500-12/1730 (19T)	JM-SM-VF-2500-12/1730 (19T)
8	3,2MW, 375r/min	JM-SM-3200-16/2600 (26T)	JM-SM-VF-3200-16/2600 (26T)
9	3,5MW, 600r/min	JM-SM-3500-10/1730 (20T)	JM-SM-VF-3500-10/1730 (20T)
10	4MW, 375r/min	JM-SM-4000-16/2600 (28T)	JM-SM-VF-4000-16/2600 (28T)
11	4MW, 428r/min	JM-SM-4000-14/2150 (24T)	JM-SM-VF-4000-14/2150 (24T)
12	4,5MW, 428r/min	JM-SM-4500-14/2150 (25.5T)	JM-SM-VF-4500-14/2150 (25.5T)

All the specified parameters and the motor weight are provided for reference only. The final technical specifications are subject to confirmation based on the general arrangement drawing agreed upon by the parties. The motors are manufactured in standard sizes; if necessary, custom design can be carried out upon agreement with the customer.

JackMotor

Technical Specifications for High-Voltage Asynchronous Electric Motors with Air-to-Air Cooling (6 kV, Rotational Speed 2985 rpm)

Motor Model	Power Output	Stator Current	EFF.	Power Factor	Maximum Torque	Starting Torque	Starting Current	Weight
	kW	A	%	cosΦ	Rated Torque	Rated Torque	Rated Current	tons
JM-AM-AA-710-2	5000	574.9	96.2	0.87	1.8	0.6	7.0	15.0
JM-AM-AA-710-2	5600	643.8	96.2	0.87	1.8	0.6	7.0	16.0
JM-AM-AA-800-2	6300	723.6	96.3	0.87	1.8	0.6	7.0	17.3

Technical Specifications for High-Voltage Asynchronous Electric Motors with Air-to-Air Cooling (6 kV, Rotational Speed 1485 rpm)

Motor Model	Power Output	Stator Current	EFF.	Power Factor	Maximum Torque	Starting Torque	Starting Current	Weight
	kW	A	%	cosΦ	Rated Torque	Rated Torque	Rated Current	tons
JM-AM-AA-710-4	5000	575.5	96.1	0.87	1.8	0.6	6.5	16.0
JM-AM-AA-710-4	5600	644.5	96.1	0.87	1.8	0.6	6.5	17.0
JM-AM-AA-800-4	6300	724.3	96.2	0.87	1.8	0.6	6.5	17.8
JM-AM-AA-800-4	7100	815.5	96.3	0.87	1.8	0.6	6.5	19.0
JM-AM-AA-800-4	8000	917.9	96.4	0.87	1.8	0.6	6.5	20.5
JM-AM-AA-900-4	9000	1032.6	96.4	0.87	1.8	0.6	6.5	24.0
JM-AM-AA-900-4	10000	1147.3	96.4	0.87	1.8	0.6	6.5	25.3

Technical Specifications for High-Voltage Asynchronous Electric Motors with Air-to-Air Cooling (6 kV, Rotational Speed 985 rpm)

Motor Model	Power Output	Stator Current	EFF.	Power Factor	Maximum Torque	Starting Torque	Starting Current	Weight
	kW	A	%	cosΦ	Rated Torque	Rated Torque	Rated Current	tons
JM-AM-AA-800-6	5000	589.6	96.0	0.85	1.8	0.6	6.0	22.0
JM-AM-AA-800-6	5600	652.7	96.0	0.86	1.8	0.6	6.0	23.5
JM-AM-AA-800-6	6300	733.5	96.1	0.86	1.8	0.6	6.0	25.0
JM-AM-AA-900-6	7100	825.8	96.2	0.86	1.8	0.6	6.0	27.5
JM-AM-AA-900-6	8000	929.5	96.3	0.86	1.8	0.6	6.0	29.0
JM-AM-AA-900-6	9000	1045.7	96.3	0.86	1.8	0.6	6.0	30.5
JM-AM-AA-900-6	10000	1161.9	96.3	0.86	1.8	0.6	6.0	32.0

Technical Specifications for High-Voltage Asynchronous Electric Motors with Air-to-Air Cooling (6 kV, Rotational Speed 735 rpm)

Motor Model	Power Output	Stator Current	EFF.	Power Factor	Maximum Torque	Starting Torque	Starting Current	Weight
	kW	A	%	cosΦ	Rated Torque	Rated Torque	Rated Current	tons
JM-AM-AA-800-8	5000	591.5	95.7	0.85	1.8	0.6	6.0	24.5
JM-AM-AA-900-8	5600	662.4	95.7	0.85	1.8	0.6	6.0	28.0
JM-AM-AA-900-8	6300	744.5	95.8	0.85	1.8	0.6	6.0	29.5
JM-AM-AA-900-8	7100	838.1	95.9	0.85	1.8	0.6	6.0	31.0
JM-AM-AA-900-8	8000	943.4	96.0	0.85	1.8	0.6	6.0	32.5
JM-AM-AA-1000-8	9000	1061.3	96.0	0.85	1.8	0.6	6.0	37.5
JM-AM-AA-1000-8	10000	1179.2	96.0	0.85	1.8	0.6	6.0	39.5

All the specified parameters and the motor weight are provided for reference only. The final technical specifications are subject to confirmation based on the general arrangement drawing agreed upon by the parties. The motors are manufactured in standard sizes; if necessary, custom design can be carried out upon agreement with the customer.

JackMotor

Technical Specifications for High-Voltage Asynchronous Electric Motors with Air-to-Water Cooling (6 kV, Rotational Speed 2985 rpm)

Motor Model	Power Output	Stator Current	EFF.	Power Factor	Maximum Torque	Starting Torque	Starting Current	Weight
	kW	A	%	cosΦ	Rated Torque	Rated Torque	Rated Current	tons
JM-AM-AW-630-2	5000	566.6	96.5	0.88	1.8	0.6	7.0	12.0
JM-AM-AW-710-2	5600	634.6	96.5	0.88	1.8	0.6	7.0	16.5
JM-AM-AW-710-2	6300	713.1	96.6	0.88	1.8	0.6	7.0	17.3
JM-AM-AW-800-2	7100	802.9	96.7	0.88	1.8	0.6	7.0	19.2
JM-AM-AW-800-2	8000	903.7	96.8	0.88	1.8	0.6	7.0	20.0

Technical Specifications for High-Voltage Asynchronous Electric Motors with Air-to-Water Cooling (6 kV, Rotational Speed 1485 rpm)

Motor Model	Power Output	Stator Current	EFF.	Power Factor	Maximum Torque	Starting Torque	Starting Current	Weight
	kW	A	%	cosΦ	Rated Torque	Rated Torque	Rated Current	tons
JM-AM-AW-630-4	5000	566.6	96.5	0.88	1.8	0.6	6.5	12.8
JM-AM-AW-710-4	5600	634.6	96.5	0.88	1.8	0.6	6.5	16.7
JM-AM-AW-710-4	6300	713.1	96.6	0.88	1.8	0.6	6.5	17.6
JM-AM-AW-710-4	7100	802.9	96.7	0.88	1.8	0.6	6.5	19.5
JM-AM-AW-800-4	8000	903.7	96.8	0.88	1.8	0.6	6.5	21.0
JM-AM-AW-800-4	9000	1016.7	96.8	0.88	1.8	0.6	6.5	22.0
JM-AM-AW-800-4	10000	1129.6	96.8	0.88	1.8	0.6	6.5	23.0

Technical Specifications for High-Voltage Asynchronous Electric Motors with Air-to-Water Cooling (6 kV, Rotational Speed 985 rpm)

Motor Model	Power Output	Stator Current	EFF.	Power Factor	Maximum Torque	Starting Torque	Starting Current	Weight
	kW	A	%	cosΦ	Rated Torque	Rated Torque	Rated Current	tons
JM-AM-AW-710-6	5000	580.3	96.4	0.86	1.8	0.6	6.0	16.6
JM-AM-AW-710-6	5600	642.5	96.4	0.87	1.8	0.6	6.0	17.5
JM-AM-AW-800-6	6300	722.1	96.5	0.87	1.8	0.6	6.0	21.8
JM-AM-AW-800-6	7100	812.9	96.6	0.87	1.8	0.6	6.0	22.8
JM-AM-AW-800-6	8000	915.0	96.7	0.87	1.8	0.6	6.0	23.8
JM-AM-AW-900-6	9000	1029.4	96.7	0.87	1.8	0.6	6.0	28.0
JM-AM-AW-900-6	10000	1143.8	96.7	0.87	1.8	0.6	6.0	29.5

Technical Specifications for High-Voltage Asynchronous Electric Motors with Air-to-Water Cooling (6 kV, Rotational Speed 735 rpm)

Motor Model	Power Output	Stator Current	EFF.	Power Factor	Maximum Torque	Starting Torque	Starting Current	Weight
	kW	A	%	cosΦ	Rated Torque	Rated Torque	Rated Current	tons
JM-AM-AW-800-8	5000	581.5	96.2	0.86	1.8	0.6	6.0	22.0
JM-AM-AW-800-8	5600	651.3	96.2	0.86	1.8	0.6	6.0	23.0
JM-AM-AW-800-8	6300	732.0	96.3	0.86	1.8	0.6	6.0	24.0
JM-AM-AW-900-8	7100	824.1	96.4	0.86	1.8	0.6	6.0	28.0
JM-AM-AW-900-8	8000	927.6	96.5	0.86	1.8	0.6	6.0	29.5
JM-AM-AW-900-8	9000	1043.5	96.5	0.86	1.8	0.6	6.0	31
JM-AM-AW-900-8	10000	1159.5	96.5	0.86	1.8	0.6	6.0	32.5

All the specified parameters and the motor weight are provided for reference only. The final technical specifications are subject to confirmation based on the general arrangement drawing agreed upon by the parties. The motors are manufactured in standard sizes; if necessary, custom design can be carried out upon agreement with the customer.