



*Providing outstanding drive force
for the worldwide customers*



JIAMUSI ELECTRIC MACHINE CO., LTD.



Brief introduction of the company

Jiamusi Electric Machine Co., Ltd. was founded in 1937 and now has the staff and workers of 2400. It covers an area of 200,000 square meters, and has over 1,000 pieces/sets of various main production equipments, and total assets is 230 million RMB, and it is one of the production basis for large, medium and small sized motors in China.



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Excellent production equipments of the company

Some techniques in design and manufacturing are imported, and design softwares are purchased from Japan and Germany successively. JEM bought advanced measuring instruments and machining equipments, e.g. acoustic and vibration measuring instruments from Denmark, VPI equipments and high-speed punching machine from Germany, automatic winding machine, numeral-controlled machine tool, high-precision slowly-feed cutting machine tool and vacuum glowing furnace.

Field of application and production capacity

The company has over 150 series of high-voltage and low-voltage, synchronous and induction a.c. motors. Outputs range from 0.12Kw to 10,000kW. The products are mainly used in petroleum, chemical, crane, metallurgical, coal, military, nuclear energy, space, power station, textile, medical, food-machining, irrigation works, transportation and other industries. Annual capacity of supply is 3,200,000 kW. The company can manufacture all kinds of motors according to IEC standard and NEMA standard.



Conventional motors



Power: 0.12- 10000kW
Speed: 375- 3000rpm
Shaft height: 63- 1000
Voltage: AC 0.22- 11kV
Frequency: 50/ 60Hz
Insulation class: F
Protection degree: IP23- IP65

Application: use for driving all kinds of equipments under general environment.

Explosive proof motors



Power: 0.12- 10000kW
Speed: 375- 3000rpm
Shaft height: 63- 1000
Voltage: AC 0.22- 11KV
Frequency: 50/ 60Hz
Insulation class: F
Protection degree: IP44~65

Explosive-proof classification: flame-proof type, increased -safety type and non-sparking type.

Application: used for equipments operatins in flammable and explosive atmospheres.

NEMA standard motors



Power:0.5-250kw
Speed: 900-3600rpm
Shaft height: 143T-449T
Voltage: AC 208-230/460, 575 V+
Frequency: 60HZ
Protection degree: IP54

Application: used for driving all kinds of equipments under general environment

Remark: High voltage NEMA standard motors can be manufactured.

Variable –frequency adjustable speed motors



Power: 0.55- 3000kW
Speed: 375- 3000rpm
Shaft height: 80- 710
Voltage: AC 0.22- 6kV
Protection degree: IP23- IP65
Frequency conversion range: 0- 120 Hz.

Application: used for dring all kinds of speed-adjustable equipments and suitable for general areas atmospheres and flammable and explosive atmospheres.



Crane and metallurgical motors

Power: 1.5-400 kW

Speed: 375-1500 rpm

Shaft height: 112-710

Voltage: AC 220-1140V

Frequency: 50/ 60Hz

Protection degree: IP44-54

Application: used for hoisting machinery, metallurgy, construction and transportation.



Canned motor pump

Power: 0.75-132kW

Speed: 2650-3600rpm

Flow of cooling water: 0.5-1.5m³/h

Voltage: 380V/460V

Frequency: 50/ 60Hz

Application: used for transporting virulent, corrosive, radioactive, flammable, and explosive and valued liquid.



Synchronous motors

Power: 250-5000KW

Speed: 250-1500rpm

Voltage: 3-11KV

Protection degree: IP00-IP54

Application: used for general onens and flammable and explosive atmospheres and driving fan, water pump and compressor etc.

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