

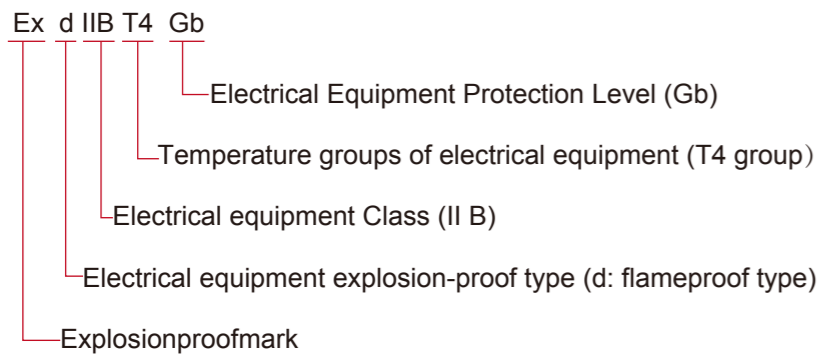
Explosion Proof Motor

YBX5 series Explosion Proof Mark

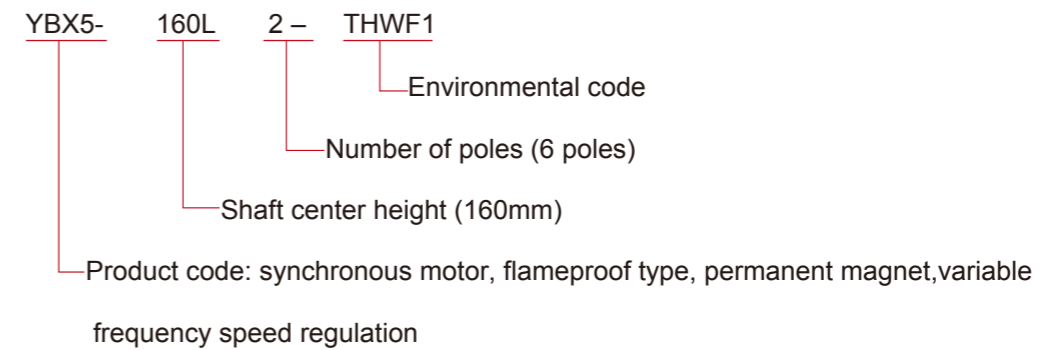
Product Description

YBX5 series motor is a fully enclosed, self-fan-cooled, squirrel-cage super high efficiency flameproof three-phase asynchronous motor independently developed and launched by our company. The efficiency index reaches the highest energy efficiency level 1 in GB18613-2020 "Energy Efficiency Limits and energy efficiency Levels of Small and Medium-sized three-phase asynchronous Motors", and has excellent performance, safe and reliable use. The characteristics of low vibration and noise than similar products meet the requirements of environmental protection, and the product is at the leading domestic and international advanced level. YBX5 series flameproof three-phase asynchronous motor, explosion-proof performance in line with GB3836.2 "Explosive environment Part 2: Equipment protected by flameproof shell" d ", suitable for places where explosive gas mixture exists, zone 1, zone 2 dangerous areas with explosive environment. Explosion-proof mark: Ex d I Mb, Ex d IIB T4 Gb, can also be made into Ex d IIC T4 Gb. Can be used in petrochemical industry, coal mine, mine, port, power plant, machinery industry and other different industries, used to drive a variety of general machinery, such as fans, compressors, pumps, crushers, winches, centrifuges, cutting machine tools, transportation machinery, is the ideal power equipment.

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Specification	Standard Configuration	Optional Configuration
Frame No.	80-355	
Rated Power	0.18-315KW	
Energy Efficiency Grade	IE5(Level 1 of GB18613-2020)	
Pole	2P,4P,6P,8P	
Rated Voltage	380V	220/380V,380/460V,400V,660V,690V, Or According to Customer Requirements
Frequency	50HZ	60HZ
Duty	S1	S2,S3, According to Customer Requirements
Installation	B3	B5,B35,V1
Insulation Grade	F	H
Connection Method	3kW and below 380V"Y" connection Greater than 3kW motor 380V "Δ" connection	
Protection Grade	IP55	IP56,IP65,IP66
Cooling Method	IC411	
Explosion Proof Mark	Ex d II BT4 Gb Ex d II CT4 Gb	
Operating environment	Indoor	Outdoor (W), outdoor anti-medium corrosion (WF1), outdoor anti-strong corrosion (WF2), indoor anti-medium Equal corrosion (F1), indoor strong corrosion protection (F2), hot and humid zone (TH), Dry Tropics (TA), Outdoor Hot and Humid Zones (THW), Outdoor Dry Tropics (TAW)
Colour	RAL5012	Anti-corrosion (F1, F2), outdoor anti-corrosion (WF1, WF2), finish color: Medium (Phthalein) blue (GSB05-1426 PB04)