

Explosion-Proof Three-Phase Electric Induction Motor

This explosion-proof motor is a three-phase electric induction asynchronous motor. It is available in power ratings from 0.18 kW to 200 kW (0.25 HP to 270 HP).



Product Overview

Industrial Explosion-Proof Performance

The YB3 series three-phase asynchronous motor is engineered for high-reliability operation in hazardous industrial environments. It provides robust protection against explosive atmospheres, including combustible gases and steam mixtures. With versatile power ratings and flexible wiring options, this motor is a reliable choice for demanding applications in both mining and factory settings.

Technical Specifications

Power Output Range

0.12 KW
Min Power

315 KW
Max Power

Frame Size Range

63-355

Rated Voltages

380V, 660V, 380/660V

Environmental & Safety

Explosion-Proof Markings

Ex d I • Ex d IIBT4 • d II BT4

Ambient Temperature Range

Application	Temperature Range
Coal Mine	-15°C to 35°C
Factory	-15°C to 40°C

Protection Class

IP55

Insulation Class

F