

# 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    |