

# Explosion Proof Motors



## Description

Explosion-proof motor is a special self-protective motor which does not ignite due to an external explosion in highly-explosive areas and endures explosion pressures that occur from the inside of its container.

### Exd

The container endures internal explosion pressure when explosive gas explodes or steam causes a large pressure increase. In addition, the motor is structured to protect from external explosive gas or steam that may enter through the joints or openings.

### Exp

The protective gases' pressure is maintained at a higher level than the external environment to create an explosion-proof structure that protects the motor from external influence.

### Exe

This motor has a mechanically and electrically enhanced safety structure against temperature increases for preventing an electrical spark and arc, which can act as an igniter for the explosive gas or steam in operation.

## Features

- ✓ International explosion-proof certificates (UL, ATEX, IEC, KR, etc.)
- ✓ Solid structure for enduring an internal explosion
- ✓ High safety required in petro chemistry plants

## Scope of Production

	Voltage	Rating	Speed
Low Voltage	Up to 600V	Up to 750KW	2P, 4P, 6P, 8P
Medium & High Voltage	3.3KV to 13.2KV	Up to 13500KW	2P, 4P, 6P, 8P