

# Brushless Excitation Synchronous Motor for Hazardous Environments

This synchronous motor is designed for use in hazardous environments with a risk of explosion. The brushless excitation system ensures reliable operation and reduces maintenance.



## Product Overview

### Industrial Synchronous Motor for Hazardous Environments

The Series TAW synchronous motor utilizes a brushless excitation system to provide reliable, high-efficiency performance specifically engineered for hazardous environments where explosion risks are present. Its robust construction is designed to eliminate sparks and ignition sources, ensuring safe operation in demanding industrial settings. This motor is an ideal solution for critical infrastructure applications such as pumps, compressors, and fans.

## Technical Specifications

### Protection Rating

Increased Safety • Explosion-proof

### Excitation Method

Brushless

## Key Features

### Core Advantages

- High efficiency performance
- Reduced maintenance requirements
- Long service life
- Robust explosion-proof construction

## Applications

Suitable Industrial Applications

Pumps, Compressors, Fans