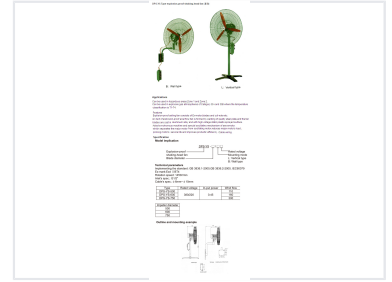


Explosion-Proof Shaking Head Fan

This explosion-proof shaking head fan is designed for hazardous areas, specifically Zone 1 and Zone 2 environments. It features a servomotor-driven oscillating mechanism to enhance motor life and efficiency.



Product Overview

Explosion-Proof Shaking Head Fan

Designed for demanding industrial environments, this explosion-proof shaking-head fan is engineered for safety in hazardous locations, including Zone 1 and Zone 2 areas. It is suitable for explosive gas atmospheres of Category II A and II B with temperature classifications ranging from T1 to T4. The unit features a specialized dual-motor design that separates the main drive from the oscillating mechanism, significantly reducing load, extending service life, and maximizing operational efficiency.

Technical Specifications

Ex-Mark	Exd II BT4
Rotation Speed	1450 r/min
Inlet Specification	G1/2"
Cable Specification	∅ 6mm - ∅ 10mm
Standards Compliance	GB 3836.1-2000, GB 3836.2-2000, IEC60079

Performance Metrics

Key Performance Metrics

0.45 kW
Input Power

380 V
Rated Voltage

Models and Dimensions

Available Models

Model	Impeller Diameter (mm)	Wind Flow
DPS-YS-500	500	110
DPS-YS-600	600	160
DPS-YS-750	750	300

Installation

Mounting Options

Wall Type (B) • Vertical Type (L)

Construction

Construction Features

- Welded quality steel plate air duct
- Cast aluminum alloy blades
- High voltage static plastic-sprayed surface
- Synchronous machine with servomotor oscillation