Axial fans

MPV A1M

The MPV A1M is a medium pressure axial fan designed for duct or duct end connection. The fan is a swing out construction where the motor and impeller can be swung out for maintenance and inspection.



Standard sizes
250 – 1.120 mm

Air flow
0 – 200.000 m3/h

Static pressure
0 – 1.600 Pa

Engine power
0 – 200kW

Summary

Design

The MPV-A1E is made in heavy duty design, for industry, mining, marine and offshore applications. Spark proof execution is also available.

The fan can be equipped with guide vanes (MPV D1M) for increased pressure and efficiency.

Execution

Fan frame and motor pedestal are made of steel and are hot dip galvanized. It can also be made in stainless steel (AISI 316 or 304) or aluminum.

Impeller

The impeller is designed for high efficiency and low noise.
Impellers are either made in sea water resistant aluminium or reinforced polypropylene with customized pitch.

Motor

The motors are as standard squirrel-cage induction motors in marine execution. Motors are IP55 and insulation class F as standard.

Motors are as a standard delivered ready for frequency converter.

The fans can also be equipped with EX motors class Exe (increased safety), Exd or Exde (explosion-/flameproof) or EXN motor.

Customizations

- Thick casing: 6,8 or 10mm thickness
- Spark proof execution
- Special bolt division circle
- Guide vanes

Accessories

- Counter flanges
- Foundation
- Protection grid (inlet/outlet)
- Feet for horizontal (or vertical) mounting
- Flexible connection
- External terminal box
- Separate inlet cone
- Lubrication points for motor outside fan casing
- Vibration monitoring of motor (outside / inside casing)

Gallery





Downloads

Documentation

Detailed specifications

Drawings

MPV400A1M
MPV500A1M
MPV630A1M
MPV710A1M
MPV800A1M
MPV900A1M
MPV1000A1M
MPV1120A1M
MPV1250A1M
MPV1400A1M

3D-models

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