FANS

CMV 450 - 1250

Medium pressure radial fan in plastic
Direct- or V-belt drive
Medium pressure radial fan in plastic CMV 450 - 1250

**Performance**
- Flow rate: min. 2'900 m³/h to max. 127'000 m³/h
- Static pressure: min. 200 Pa to max. 1'900 Pa
- Efficiency: max. 64 %
- Inlet-Ø: 450, 500, 560, 630, 710, 800, 900, 1000, 1120, 1250 mm

**Housing**
- Self-supporting plastic design, welded
- Available in: PP, PPs, PPs-el, PE, PVC, PVDF
- 6 different outlet positions

**Impeller**
- 20 forward-curved blades
- Tested on an overspeed test stand
- Transmission via standard taper lock system
- Balanced dynamically and statically in two ranges, balancing quality Q 6.3
- Available in: PPs, PPs-el, PVDF

**Support**
- Sturdy metal construction
  - up to model 800,
  - galvanised
  - stainless steel
- Model 900 and higher, profile construction, pot-galvanised

**Drive**
- Direct drive: Impeller is mounted directly onto the motor shaft
- V-belt drive: Power transmission via V-belt
  - Impeller shaft is supported by heavy-duty self-aligning ball or roller bearings
- Motor:
  - Three phase motor
    - one / multi-stage
    - Foot motor

**EX-Protection**
CMV 450 – 800 in ATEX. Available for zone 1 + 2

**Hub seal**
- Standard hub seals
- Lip seal simple or double (V4A or Hastelloy)
- Back absorption
- Sealing gas
- Back plates

**Accessories**
- PVC sleeve with fixing bands, stainless
- PVC sleeve with flange
- Counterflange
- Drain
- Vibration absorber for ground erection
- Splinter protection
- Weather-proof motor cover for outside installation
- Inspection hole
- Frequency converter IP 66 / IP 54 / IP 20

**Dimensions**

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