FANS

CMMV 450 - 1250

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

**Performance**
- Flow rate: min. 2'900 m³/h to max. 132'000 m³/h
- Static pressure: min. 200 Pa to max. 4'000 Pa
- Efficiency: max. 68 %
- 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**
- 12 forward curved blades
- Tested on an overspeed test stand above nominal rate
- Torque transmission via standard taper lock system
- Balanced dynamically and statically in two ranges, balancing quality Q 6.3
- Available in: PP, 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
  - Three-phase motor
    - one / multi-stage
    - Foot motor

**EX-Protection**
- CMMV 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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