FANS
CMHV 450 - 1250

High efficiency medium pressure radial fan in plastic Direct- or V-belt drive

Static pressure in Pa

Flow rate in m³ / h
High efficiency medium pressure radial fan in plastic  CMHV 450 - 1250

Performance
Flow rate: min. 2'900 m³/h to max. 100'000 m³/h
Static pressure: min. 200 Pa to max. 3'000 Pa
Efficiency: max. 76 %
Inlet-Ø: 450, 500, 560, 630, 710, 800, 900, 1000, 1120, 1250 mm

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

Impeller
- High efficiency impeller (Patent angemeldet)
- 8 backward curved blades
- Mechanically welded
- Tested on 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-glass fibre reinforced

Support
- Sturdy metal construction
  up to size 800
  - galvanized
  - stainless steel
  From size 900 and higher, profile-construction, hot-dip galvanized

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

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

Edition 2012 / Subject to alteration
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