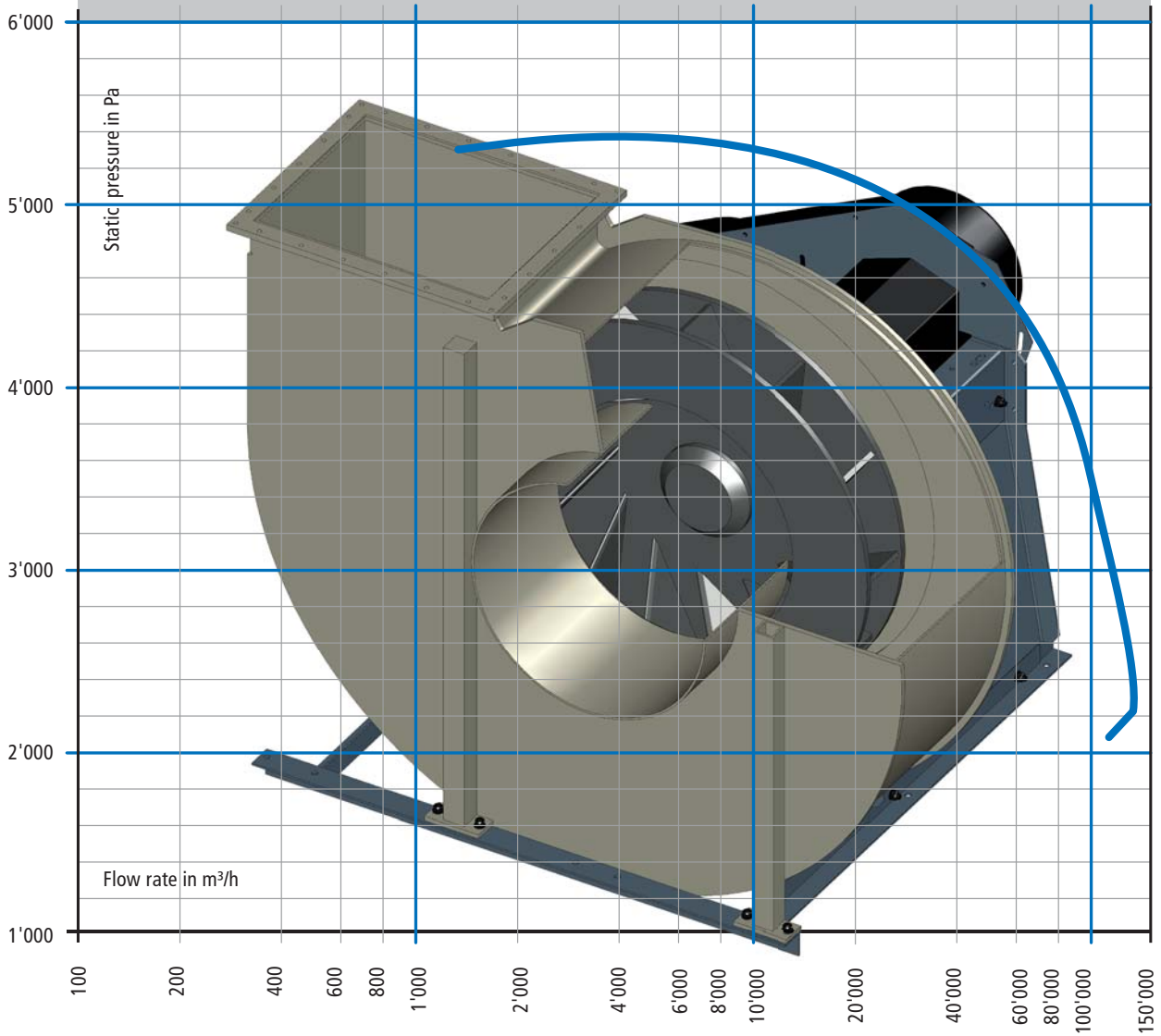


FANS

CHVN 315 - 1250



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



www.colasit.com

Performance

Flow rate:	min. 1500 m ³ /h to max. 130'000 m ³ /h
Static pressure:	min. 1000 Pa to max. 6'500 Pa
Efficiency:	max. 80 %
Inlet-Ø:	315, 355, 400, 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

- 12 backward-curved blades
- available in: PP, PPs-el, PVDF
- Tested on an overspeed test stand
- Torque transmission via a standard taper lock system
- balanced dynamically and statically in two ranges, balancing quality Q 6.3
- Tip speeds up to 90 m/s possible

Support

- Sturdy metal construction up to model 710
 - galvanised
 - stainless steel
- model 800 and higher, profil-construction, hot-dip galvanized

Drive

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

EX-Protection

CHVN 315 – 710 in ATEX. Available zone 1 + 2

Hub seal

- Standard hub seal
- 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
- Conterflange
- 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