**Dxxx 50**

- Double-acting two-stage compressed-air cylinder for controlling the ventilation and SHE functions with a single cylinder. When charged with a pressure of < 7 bar, cylinder travels into ventilation position (small stroke); at a pressure of > 10 bar, cylinder travels into SHE position (total stroke).
- Cylinder with 50 mm piston diameter, threaded design, made of anodized aluminium (E6C0).
- Piston rod dia. 20 mm, stainless steel 1.4104 with female thread M8 and dirt wiper.
- Recommended ventilation pressure 6 bar.
- Maximum static operating pressure 60 bar.
- Admissible lifting force at 6 bar = 950 N.
- Mounting and air supply through swivel screw fittings at upper or lower end or at centre, as required by design.
- Standard installation size (eyebolt-to-mount spacing) 73 mm when mounted at upper end, 142 mm + stroke when at lower end. Installation size can be varied from -5 to +5 mm by adjusting the eyebolt. For greater installation dimensions, please inquire.
- Continuous adjustability in mounting ensured by clamping element (upon request).
- Ambient temperature range -20 to +60°C, to VdS 2159 for 2 hrs up to +110°C.
- Maximum locking force 8,000 N. Ventilating position cannot be locked.
- Total stroke can be freely selected from 201 mm to 1,300 mm.
- VdS approval no. G 505008 (up to 1,800 mm stroke).
- Including eyebolt AS M8x40-Ø8, and 2 swivel screw fittings SV 6-12-1/8 (for 6 mm OD pipes, collar diameter 12 mm).

**Types:**

- **DODV 50/20-xxxx/yyy-8-12/6:** Version with mounting at upper end, both end positions locked (double locking).
- **DOAV 50/20-xxxx/yyy-8-12/6:** Version with mounting at upper end, upper end position locked (locked when extended).
- **DMDV 50/20-xxxx/yyy-8-12/6:** Version with centre mounting position, both end positions locked (double locking).
- **DMAV 50/20-xxxx/yyy-8-12/6:** Version with centre mounting position, upper end position locked (locked when extended).
- **DUDV 50/20-xxxx/yyy-8-12/6:** Version with mounting at lower end, both end positions locked (double locking).
- **DUAV 50/20-xxxx/yyy-8-12/6:** Version with mounting at lower end, upper end position locked (locked when extended).

For special types, please inquire.