Dxxx 40

- 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 40 mm piston diameter, threaded design, made of anodized aluminium (E6C0)
- Piston rod dia. 16 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 = 480 N
- Mounting and air supply through swivel screw fittings at upper or lower end or at centre, as required by design
- Standard installation size (eye bolt-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 eye bolt. 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 2hrs 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.
- Including eye bolt AS M8 x 40 - Ø8, and 2 swivel screw fittings SV 6-12-1/8 (for 6 mm OD pipes, collar diameter 12 mm)

**Types:**

**DODV 40/16-xxxx/yyyy-8-12/6:** Version with mounting at upper end, both end positions locked (double locking),

**DOAV 40/16-xxxx/yyyy-8-12/6:** Version with mounting at upper end, upper end position locked (locked when extended)

**DMDV 40/16-xxxx/yyyy-8-12/6:** Version with centre mounting position, both end positions locked (double locking)

**DMAV 40/16-xxxx/yyyy-8-12/6:** Version with centre mounting position, upper end position locked (locked when extended)

**DUDV 40/16-xxxx/yyyy-8-12/6:** Version with mounting at lower end, both end positions locked (double locking)

**DUAV 40/16-xxxx/yyyy-8-12/6:** Version with mounting at lower end, upper end position locked (locked when extended)

For special types, please inquire