**Double-stroke cylinder**

Dxxx 63

- Double-acting two-stage compressed-air cylinder for controlling the ventilation and RWA functions with a single cylinder. When charged with a pressure of < 7bar, cylinder travels into ventilation position (small stroke); at a pressure of > 10bar, cylinder travels into RWA position (total stroke)
- Cylinder with 63mm piston diameter, threaded design, made of anodized aluminium (E6C0)
- Piston rod dia. 20 or 25mm, stainless steel 1.4104 with female thread M8 and dirt wiper
- Recommended ventilation pressure 6bar
- Maximum static operating pressure 60bar
- Admissible lifting force at 6bar = 1580N
- 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) 73mm when mounted at upper end, 142mm + stroke when at lower end. Installation size can be varied from -5 to +5mm 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 2hrs up to +110°C
- Maximum locking force 8.000N. Ventilating position cannot be locked.
- Total stroke can be freely selected from 201mm to 1,300mm.
- 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 6mm OD pipes, collar diameter 12mm)

**Types:**

- DODV 63/20-xxxx/yyyy-8-12/6: Version with mounting at upper end, both end positions locked (double locking),
- DOAV 63/20-xxxx/yyyy-8-12/6: Version with mounting at upper end, upper end position locked (locked when extended)
- DMDV 63/20-xxxx/yyyy-8-12/6: Version with centre mounting position, both end positions locked (double locking)
- DMAV 63/20-xxxx/yyyy-8-12/6: Version with centre mounting position, upper end position locked (locked when extended)
- DUDV 63/20-xxxx/yyyy-8-12/6: Version with mounting at lower end, both end positions locked (double locking)
- DUAV 63/20-xxxx/yyyy-8-12/6: Version with mounting at lower end, upper end position locked (locked when extended)

For special types, please inquire

### Table: Cylinder Types

<table>
<thead>
<tr>
<th>Cylinder Type</th>
<th>Stroke / vent. stroke</th>
<th>Swivel screw fitting dia. 12, pipe dia. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>DODV 50/20-600/300-8-12/6</td>
<td>Piston dia.</td>
<td>Eye dia. of eyebolt</td>
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</table>