**Pxxx 80**

- Double-acting compressed-air cylinder with 32mm piston diameter
- Cylinder barrel made of anodized aluminium (E6C0)
- Piston rod dia. 20 or 25mm, stainless steel 1.4104 with female thread M8 and dirt wiper
- Recommended operating pressure 6 - 10bar
- Maximum static operating pressure 60bar
- Theoretical lifting force at 6bar = 3000 (approx. 15% frictional losses to be considered)
- 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) 70mm when mounted at upper end (piston rod dia. 25mm: 80mm). For increase in mounting dimension please inquire
- For further installation sizes and dimensions, please see drawing and dimensions table of pneumatic cylinders Type P
- Continuous adjustability in mounting ensured by clamping element (upon request)
- Ambient temperature range -25 to +60°C, to VdS 2159 for 2hrs up to +110°C
- Maximum locking force 6.500N
- Manual unlocking is possible
- Stroke length can be freely selected as per price list. For extra lengths, please inquire
- VdS approval no. G 507006
  - piston rod dia. 20mm up to 1.500mm stroke,
  - piston rod dia. 25mm up to 2.000mm stroke
- Including eyebolt AS M10x60-Ø8, and 2 swivel screw fittings SVP 6-18-1/4 (for 6mm OD pipes, collar diameter 12mm)

**Types:**

- **PODV 80/xx-xxxx-8-18/6:**
  Standard version, mounting at upper end, both end positions locked (double locking)

- **PUDV 80/xx-xxxx-8-18/6:**
  Version with mounting at lower end, both end positions locked (double locking)

- **PMDV 80/xx-xxxx-8-12/6:**
  Version with centre mounting position, both end positions locked (double locking), 2 swivel screw fittings SVPM 6-12-80 (collar diameter 12mm)

- **POAV 80/xx-xxxx-8-18/6:**
  Version with mounting at upper end, upper end position locked (locked when extended)

- **PUAV 80/xx-xxxx-8-18/6:**
  Version with mounting at lower end, upper end position locked (locked when extended)

- **PMAV 80/xx-xxxx-8-12/6:**
  Version with centre mounting position, upper end position locked (locked when extended), 2 swivel screw fittings SVPM 6-12-80 (collar diameter 12mm)
The following variants can be supplied upon request:

- Different types of eyebolts or swivel screw fittings. (see screw fittings)
- Pneumatic cylinder up to 280mm stroke, with protective bellows for piston rod
- Pneumatic cylinder with male thread at end of piston rod for fastening clevises. (see mounting kits for pneumatic cylinders)