

## Pxxx 32

- ◆ Double-acting compressed-air cylinder with 32mm piston diameter
  - ◆ Cylinder barrel made of anodized aluminium (E6C0)
  - ◆ Piston rod dia. 12mm, 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 = 480N (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. 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 -20 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 500008** (up to 1.500mm stroke)
- ◆ Including eyebolt AS M8x40-Ø8, and 2 swivel screw fittings SV 6-12-1/8 (for 6mm OD pipes, collar diameter 12mm)



## Types:

### **PODV 32/12-xxxx-8-12/6:**

Standard version, mounting at upper end, both end positions locked (double locking)

### **PUDV 32/12-xxxx-8-12/6:**

Version with mounting at lower end, both end positions locked (double locking)

### **PMDV 32/12-xxxx-8-12/6:**

Version with centre mounting position, both end positions locked (double locking), 2 swivel screw fittings SVPM 6-12-32

### **POAV 32/12-xxxx-8-12/6:**

Version with mounting at upper end, upper end position locked (locked when extended)

### **PUAV 32/12-xxxx-8-12/6:**

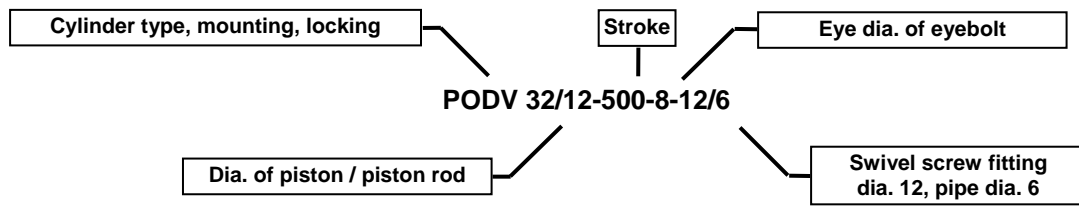
Version with mounting at lower end, upper end position locked (locked when extended)

### **PMAV 32/12-xxxx-8-12/6:**

Version with centre mounting position, upper end position locked (locked when extended), 2 swivel screw fittings SVPM 6-12-32



Pneumatic cylinder  
Single-stroke cylinder



**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)