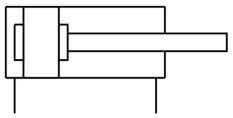
# Compact air cylinders
# ADN-S-32-5-I-P

Part number: 8076364





## Data sheet

| Feature | Value |
|---|---|
| Stroke | 5 mm |
| Piston diameter | 32 mm |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Piston rod end | Internal thread |
| Structural design | Piston<br>Piston rod |
| Symbol | 00991227 |
| Variants | Piston rod at one end |
| Operating pressure | 0.06 MPa ... 1 MPa |
| Operating pressure | 0.6 bar ... 10 bar |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| Ambient temperature | 0 °C ... 60 °C |
| Impact energy in the end positions | 0.26 J |
| Theoretical force at 6 bar, retracting | 415 N |
| Theoretical force at 6 bar, advancing | 483 N |
| Moving mass at 0 mm stroke | 31 g |
| Additional weight per 10 mm stroke | 36 g |
| Basic weight with 0 mm stroke | 107 g |
| Additional moving mass per 10 mm stroke | 9 g |
| Type of mounting | Optionally:<br>With through-hole<br>With internal thread<br>With accessories |
| Pneumatic connection | M5 |
| Note on materials | RoHS-compliant |
| Cover material | Wrought aluminum alloy, anodized |
| Material of dynamic seals | NBR |
| Housing material | Wrought aluminum alloy, anodized |
| Piston rod material | High-alloy stainless steel |