

Compact air cylinder ADN-2^{***} - -

Part number: 557118

FESTO



Data sheet

| Feature | Value |
|--|---|
| Stroke | 0,039 in...15,7 in |
| Piston diameter | 2" " |
| Based on norm | ISO 21287 |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Structural design | Piston Piston rod Profile barrel |
| Position sensing | For proximity sensor |
| Variants | Extended external thread piston rod Extended piston rod With anti-twist protection High corrosion protection Through piston rod Through, hollow piston rod Heat-resistant seals max. 120°C Piston rod at one end |
| Protection against torsion/guide | Square piston rod |
| Operating pressure | 0.1 MPa...1 MPa 1 bar...10 bar 14.5 psi...145 psi |
| 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) | 2 - Moderate corrosion stress 3 - High corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -4 °F...248 °F |
| Theoretical force at 6 bar, retracting | 238 lbf |
| Theoretical force at 6 bar, advancing | 238 lbf...265 lbf |
| Type of mounting | Optionally: With through-hole With internal thread With accessories |
| Pneumatic connection | 1/8 NPT |
| Flange screws material | Steel |

| Feature | Value |
|-----------------------------|---|
| Cover material | Wrought aluminum alloy, anodized |
| Piston rod material | High-alloy steel |
| Material of cylinder barrel | Wrought aluminum alloy, smooth-anodized |