

Compact cylinder ADN-2'' - -

Part number: 557118

FESTO



Data sheet

| Feature | Value |
|--|---|
| Stroke | 0,039 in...15,7 in |
| Piston diameter | 2'' |
| Based on standard | ISO 21287 |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | optional |
| Mode of operation | Double-acting |
| Design | Piston Piston rod Profile barrel |
| Position detection | Via proximity switch |
| Variants | Extended male piston rod thread Extended piston rod With protection against rotation High corrosion protection Through piston rod Through, hollow piston rod Heat-resistant seals max. 120°C Piston rod at one end |
| Protection against torque/guide | Square piston rod |
| Operating pressure | 0.1 MPa...1 MPa 1 bar...10 bar 14.5 psi...145 psi |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| 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 0.6 MPa (6 bar, 87 psi), return stroke | 238 lbf |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 238 lbf...265 lbf |
| Type of mounting | Either: With through-hole Via female thread With accessories |
| Pneumatic connection | 1/8 NPT |

| Feature | Value |
|--------------------------|---|
| Material collar screws | Steel |
| Material cover | Anodised wrought aluminium alloy |
| Material piston rod | High-alloy steel |
| Material cylinder barrel | Smooth-anodised wrought aluminium alloy |