

Compact air cylinder ADNGF-40-15-P-A

Part number: 554250

FESTO



Data sheet

| Feature | Value |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke | 15 mm |
| Piston diameter | 40 mm |
| Based on norm | ISO 21287 |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Structural design | Piston Piston rod Profile barrel |
| Position sensing | For proximity sensor |
| Protection against torsion/guide | Guide rod with yoke |
| Operating pressure | 0.1 MPa...1 MPa 1 bar...10 bar |
| Mode of operation | Double-acting |
| 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 |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -20 °C...80 °C |
| Impact energy in the end positions | 0.7 J |
| Theoretical force at 6 bar, retracting | 686 N |
| Theoretical force at 6 bar, advancing | 754 N |
| Moving mass | 199 g |
| Product weight | 501 g |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS-compliant |
| Flange screws material | Steel |
| Cover material | Wrought aluminum alloy, anodized |
| Seals material | TPE-U(PUR) |
| End plate material | Wrought aluminum alloy, anodized |
| Piston rod material | High-alloy steel |
| Material of cylinder barrel | Wrought aluminum alloy, smooth-anodized |