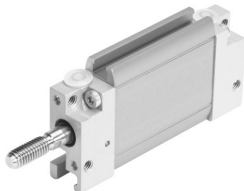


Flat cylinder
DZF-1/2"-6"-A-P-A
Part number: 194120

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 6 in |
| Piston diameter | 1/2" |
| Max. angle of rotation of the piston rod +/- | 2.5 deg |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mode of operation | Double-acting |
| Protection against torsion/guide | Oval piston |
| Operating pressure | 0.16 MPa...1 MPa 1.6 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) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -20 °C...80 °C |
| Theoretical force at 6 bar, retracting | 51 N |
| Theoretical force at 6 bar, advancing | 68 N |
| Moving mass at 0 mm stroke | 12 g |
| Additional weight per 10 mm stroke | 2 g |
| Basic weight with 0 mm stroke | 96 g |
| Pneumatic connection | 10-32 UNF-2B |
| Cover material | Aluminum |
| Seals material | FPM TPE-U(PU) |
| Housing material | Wrought aluminum alloy |
| Piston rod material | High-alloy stainless steel |