

Short-stroke cylinder ADVC-80-20-I-P

Part number: 188314

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 20 mm |
| Piston diameter | 80 mm |
| Based on standard | ISO 6431 Hole pattern VDMA 24562 |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | optional |
| Mode of operation | Double-acting |
| Design | Piston Piston rod |
| Position detection | Without |
| 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 | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -20 °C...80 °C |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 2827 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 3016 N |
| Moving mass | 351 g |
| Moving mass for 0 mm stroke | 315 g |
| Additional moving mass per 10 mm stroke | 24 g |
| Product weight | 1152 g |
| Basic weight for 0 mm stroke | 994 g |
| Additional weight per 10 mm stroke | 112 g |
| Type of mounting | With through-hole With accessories Either: |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS-compliant |

| Feature | Value |
|---------------------|-------------------------------------|
| Material cover | Wrought aluminium alloy Anodised |
| Material seals | NBR TPE-U(PU) |
| Material housing | Wrought aluminium alloy Anodised |
| Material piston rod | High-alloy steel |