

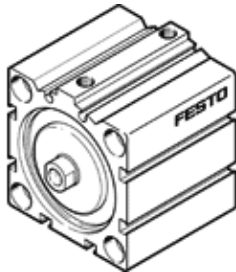
Short stroke cylinder

ADVC-80-25-I-P-A

Part number: 188311
Product to be discontinued

FESTO

For proximity sensing, piston-rod end with female thread.
Type to be discontinued. Available until 2026. See Support Portal for alternative products.



Data sheet

| Feature | Value |
|--|---|
| Stroke | 25 mm |
| Piston diameter | 80 mm |
| Based on the standard | ISO 6431 Hole pattern VDMA 24562 |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Mode of operation | double-acting |
| Design structure | Piston Piston rod |
| Position detection | For proximity sensor |
| Operating pressure MPa | 0.1 ... 1 MPa |
| Working pressure | 1 ... 10 bar |
| Operating pressure | 14.5 ... 145 psi |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -20 ... 80 °C |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 2,827 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 3,016 N |
| Moving mass | 313 g |
| Moving mass with 0 mm stroke | 265 g |
| Additional mass factor per 10 mm of stroke | 24 g |
| Product weight | 1,289 g |
| Basic weight for 0 mm stroke | 1,119 g |
| Additional weight per 10 mm stroke | 114 g |
| Mounting type | with through hole with accessories Optional |
| Pneumatic connection | G1/8 |
| Materials note | Conforms to RoHS |
| Material cover | Wrought Aluminum alloy Anodized |
| Material seals | TPE-U(PU) |
| Material housing | Wrought Aluminum alloy Anodized |
| Material piston rod | High alloy steel |