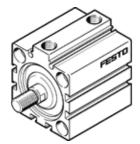
short-stroke cylinder ADVC-100-25-A-P-A Part number: 188343 Product to be discontinued

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



Data sheet

| Feature | Value |
|--|--|
| Stroke | 25 mm |
| Piston diameter | 100 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 |
| Operating pressure | 1 10 bar |
| | 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 | 4,418 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 4,712 N |
| Moving mass | 595 g |
| Moving mass with 0 mm stroke | 515 g |
| Additional mass factor per 10 mm of stroke | 40 g |
| Product weight | 2,366 g |
| Basic weight for 0 mm stroke | 2,145 g |
| Additional weight per 10 mm stroke | 110 g |
| Mounting type | with through hole |
| | with accessories |
| | Optional |
| Pneumatic connection | G1/4 |
| Materials note | Conforms to RoHS |
| Material cover | Wrought Aluminium alloy |
| | Anodised |
| Material seals | TPE-U(PU) |
| Material housing | Wrought Aluminium alloy |
| | Anodised |
| Material piston rod | High alloy steel |

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