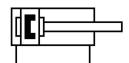
Short-stroke cylinder ADVC-100-15-I-P-A Part number: 188333







General operating condition

| ata sneet | | | |
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| Feature | Value | | |
|--|--|--|--|
| Stroke | 15 mm | | |
| Piston diameter | 100 mm | | |
| Based on norm | ISO 6431 Hole pattern VDMA 24562 | | |
| Cushioning | Elastic cushioning rings/pads at both ends | | |
| Mounting position | Any | | |
| Mode of operation | Double-acting Double-acting | | |
| Structural design | Piston Piston rod | | |
| Position sensing | For proximity sensor | | |
| Symbol | 00991217 | | |
| Operating pressure | 0.1 MPa 1 MPa | | |
| Operating pressure | 1 bar 10 bar | | |
| Operating pressure | 14.5 psi 145 psi | | |
| 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) | 1 - Low corrosion stress | | |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L | | |
| Ambient temperature | -20 °C 80 °C | | |
| Theoretical force at 6 bar, retracting | 4418 N | | |
| Theoretical force at 6 bar, advancing | 4712 N | | |
| Moving mass | 555 g | | |
| Moving mass at 0 mm stroke | 515 g | | |
| Additional moving mass per 10 mm stroke | 40 g | | |
| Product weight | 2070 g | | |
| Basic weight with 0 mm stroke | 2145 g | | |
| Additional weight per 10 mm stroke | 110 g | | |
| Type of mounting | Optionally: With through-hole With accessories | | |
| Pneumatic connection | G1/4 | | |
| Note on materials | RoHS-compliant | | |
| Cover material | Wrought aluminum alloy Anodized | | |
| Seals material | TPE-U(PU) | | |
| Housing material | Wrought aluminum alloy Anodized | | |

| Feature | Value |
|---------------------|------------------|
| Piston rod material | High-alloy steel |