

Round cylinder CRHD-40- -PPV-A-MQ-S6

Part number: 195544

FESTO



[PDF General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|--|
| Stroke | 10 mm ... 500 mm |
| Piston diameter | 40 mm |
| Cushioning | Pneumatic cushioning, adjustable at both ends |
| Mounting position | Any |
| Design | Piston Piston rod |
| Position detection | Via proximity switch |
| Symbol | 00991235 |
| Variants | Heat-resistant seals max. 120°C |
| Operating pressure | 1 bar ... 10 bar |
| Mode of operation | Double-acting |
| 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 | 3 - high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Suitable for use with food | See supplementary material information |
| Ambient temperature | -20 °C ... 120 °C |
| Cushioning length | 19.5 mm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 633 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 754 N |
| Moving mass for 0 mm stroke | 198 g |
| Additional moving mass per 10 mm stroke | 16 g |
| Basic weight for 0 mm stroke | 1154 g |
| Additional weight per 10 mm stroke | 42 g |
| Pneumatic connection | G1/8 |
| Material cover | High-alloy stainless steel |
| Material seals | Fluoro rubber |
| Material housing | High-alloy stainless steel |
| Material piston rod | High-alloy stainless steel |