

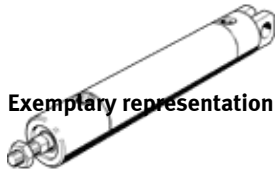
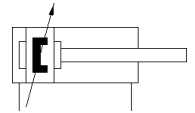
round cylinder CRHD-50- -PPV-A-MC-S6

Part number: 195551

FESTO

Corrosion-resistant, smooth bearing cap, end cap with clevis attachment, heat-resistant design to 120 °C

The S6 variant (heat resistant) is not intended for direct contact with food products due to the utilised seals and grease.



Exemplary representation

Data sheet

| Feature | Value |
|--|---|
| Stroke | 10 ... 500 mm |
| Piston diameter | 50 mm |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position | Any |
| Design structure | Piston Piston rod |
| Position detection | For proximity sensor |
| Variants | Heat resistant seals, max. 120°C |
| Operating pressure | 1 ... 10 bar |
| Mode of operation | double-acting |
| 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 | 3 - High corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Food-safe | See Supplementary material information |
| Ambient temperature | -20 ... 120 °C |
| Cushioning length | 21 mm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 990 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 1,178 N |
| Moving mass with 0 mm stroke | 340 g |
| Additional mass factor per 10 mm of stroke | 25 g |
| Basic weight for 0 mm stroke | 1,792 g |
| Additional weight per 10 mm stroke | 57 g |
| Pneumatic connection | G1/4 |
| Material cover | High alloy steel, non-corrosive |
| Material seals | FPM |
| Material housing | High alloy steel, non-corrosive |
| Material piston rod | High alloy steel, non-corrosive |