

# Round cylinder CRHD-50- -PPV-A-MS-S6

Part number: 195557

**FESTO**



## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 10 mm...500 mm   |
| Piston diameter  | 50 mm  |
| Cushioning   | Pneumatic cushioning, adjustable at both ends  |
| Mounting position  | optional   |
| Design   | Piston<br>Piston rod   |
| Position detection   | Via proximity switch   |
| 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  | 21 mm  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 990 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 1178 N   |
| Moving mass for 0 mm stroke                                  | 340 g  |
| Additional moving mass per 10 mm stroke                      | 25 g   |
| Basic weight for 0 mm stroke                                 | 1792 g   |
| Additional weight per 10 mm stroke                           | 57 g   |
| Pneumatic connection   | G1/4   |
| Material cover   | High-alloy stainless steel   |
| Material seals   | FPM  |
| Material housing   | High-alloy stainless steel   |
| Material piston rod  | High-alloy stainless steel   |