

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

Part number: 195551

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 10 mm...500 mm   |
| Piston diameter                          | 50 mm  |
| Cushioning                               | Pneumatic cushioning, adjustable at both ends                      |
| Mounting position                        | Any  |
| Structural design                        | Piston<br>Piston rod   |
| Position sensing                         | For proximity sensor   |
| Variants                                 | Heat-resistant seals max. 120°C                                    |
| Operating pressure                       | 1 bar...10 bar   |
| Mode of operation                        | Double-acting  |
| 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)         | 3 - High corrosion stress  |
| LABS (PWIS) conformity                   | VDMA24364-B2-L   |
| For use in the food industry             | See supplementary material information                             |
| Ambient temperature                      | -20 °C...120 °C  |
| Cushioning length                        | 21 mm  |
| Theoretical force at 6 bar, retracting   | 990 N  |
| Theoretical force at 6 bar, advancing    | 1178 N   |
| Moving mass at 0 mm stroke               | 340 g  |
| Additional moving mass per 10 mm stroke  | 25 g   |
| Basic weight with 0 mm stroke            | 1792 g   |
| Additional weight per 10 mm stroke       | 57 g   |
| Pneumatic connection                     | G1/4   |
| Cover material                           | High-alloy stainless steel   |
| Seals material                           | FPM  |
| Housing material                         | High-alloy stainless steel   |
| Piston rod material                      | High-alloy stainless steel   |