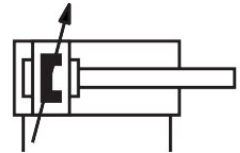


# Round cylinder CRHD-40- -PPV-A-MS

Part number: 195520

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 10 mm...500 mm                                                     |
| Piston diameter                          | 40 mm                                                              |
| Cushioning                               | Pneumatic cushioning, adjustable at both ends                      |
| Mounting position                        | Any                                                                |
| Structural design                        | Piston<br>Piston rod                                               |
| Position sensing                         | Via proximity switch                                               |
| 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...80 °C                                                     |
| Cushioning length                        | 19.5 mm                                                            |
| Theoretical force at 6 bar, retracting   | 633 N                                                              |
| Theoretical force at 6 bar, advancing    | 754 N                                                              |
| Moving mass at 0 mm stroke               | 198 g                                                              |
| Additional moving mass per 10 mm stroke  | 16 g                                                               |
| Basic weight with 0 mm stroke            | 1154 g                                                             |
| Additional weight per 10 mm stroke       | 42 g                                                               |
| Pneumatic connection                     | G1/8                                                               |
| Cover material                           | high-alloy stainless steel                                         |
| Seals material                           | NBR<br>TPE-U(PU)                                                   |
| Housing material                         | high-alloy stainless steel                                         |
| Piston rod material                      | high-alloy stainless steel                                         |