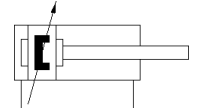
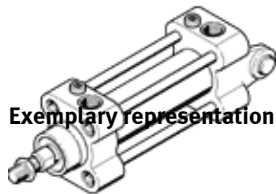


Standards-based cylinder CRDNGS-40- -PPV-A

Part number: 160891

FESTO

Corrosion resistant, as per ISO 15552, NF E 49 003.1 and UNI 10 290, for proximity sensing. With adjustable cushioning at both ends.



Exemplary representation

Data sheet

| Feature | Value |
|--|---|
| Stroke | 10 ... 2,000 mm |
| Piston diameter | 40 mm |
| Piston rod thread | M12x1,25 |
| Based on the standard | ISO 15552 |
| Cushioning | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position | Any |
| Piston-rod end | Male thread |
| Design structure | Piston Piston rod Swivel clevis Tie rod Cylinder barrel |
| Position detection | For proximity sensor |
| Variants | End cap with swivelling rod eye |
| Operating pressure MPa | 0.06 ... 1 MPa |
| Working pressure | 0.6 ... 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 | 4 - Very high corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Food-safe | See Supplementary material information |
| Ambient temperature | -20 ... 80 °C |
| Cushioning length | 21 mm |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 633 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 754 N |
| Moving mass with 0 mm stroke | 268 g |
| Additional mass factor per 10 mm of stroke | 16 g |
| Basic weight for 0 mm stroke | 1,515 g |
| Additional weight per 10 mm stroke | 33 g |
| Mounting type | with internal (female) thread with accessories Optional |
| Pneumatic connection | G1/4 |
| Material cover | Stainless steel casting |
| Material seals | TPE-U(PU) |
| Material housing | High alloy steel, non-corrosive |
| Material piston | Wrought Aluminum alloy |
| Material piston rod | High alloy steel, non-corrosive |
| Material cylinder barrel | High alloy steel, non-corrosive |
| Material nut | High alloy steel, non-corrosive |
| Material bearing | POM |
| Collar nut material | High alloy steel, non-corrosive |
| Material tie rod | High alloy steel, non-corrosive |