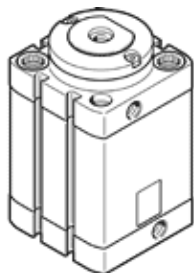


Stopper cylinder

DFSP-Q-50-20-DF-PA

Part number: 576162

FESTO



Data sheet

| Feature | Value |
|--|--|
| Stroke | 20 mm |
| Piston diameter | 50 mm |
| Piston rod thread | M8 |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Mode of operation | double-acting |
| Design structure | Piston Piston rod Profile barrel Non-rotating |
| Position detection | For proximity sensor |
| Piston-rod end | Female thread |
| Variants | Female thread on piston rod Non-rotating piston rod |
| Protection against torque/guide | Flattened piston rod |
| Operating pressure MPa | 0.1 ... 1 MPa |
| Working pressure | 1 ... 10 bar |
| 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 | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Ambient temperature | -10 ... 80 °C |
| Permissible impact force on the advanced piston rod | 6,280 N |
| Permissible lateral force during switching operation | 1,570 N |
| Max. cycle frequency | 5 Hz |
| Mounting type | with through hole with internal (female) thread with accessories Optional |
| Pneumatic connection | G1/8 |
| Materials note | Conforms to RoHS |
| Material of flange screw | steel, galvanized |
| Material cover | Wrought Aluminum alloy Anodized |
| Material seals | TPE-U(PU) |
| Material piston rod | High alloy steel, non-corrosive |
| Material roll | steel, galvanized |
| Material cylinder barrel | Wrought Aluminum alloy Smooth anodized |