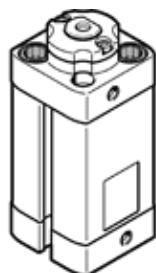


# Stopper cylinder

## DFSP-Q-20-10-DF-PA

Part number: 576090

FESTO



### Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 10 mm  |
| Piston diameter                                      | 20 mm  |
| Piston rod thread                                    | M3   |
| Cushioning   | P: Flexible cushioning rings/plates at both ends                                   |
| Assembly position                                    | Any  |
| Mode of operation                                    | double-acting  |
| Design structure                                     | Piston<br>Piston rod<br>Profile barrel<br>Non-rotating                             |
| Position detection                                   | For proximity sensor   |
| Piston-rod end                                       | Female thread  |
| Variants   | Female thread on piston rod<br>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  | 1,100 N  |
| Permissible lateral force during switching operation | 228 N  |
| Max. cycle frequency                                 | 5 Hz   |
| Mounting type  | with through hole<br>with internal (female) thread<br>with accessories<br>Optional |
| Pneumatic connection                                 | M5   |
| Materials note                                       | Conforms to RoHS   |
| Material of flange screw                             | steel, galvanized  |
| Material cover                                       | Wrought Aluminum alloy<br>Anodized   |
| Material seals                                       | TPE-U(PU)  |
| Material piston rod                                  | High alloy steel, non-corrosive  |
| Material roll  | steel, galvanized  |
| Material cylinder barrel                             | Wrought Aluminum alloy<br>Smooth anodized  |