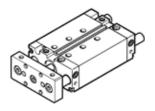
## Guide cylinder DFM-20-40-B-PPV-A-KF Part number: 559478



The proximity switch, type SMTSO-8E, can be used with this product with stroke lengths of 20 to 40 mm only when the corresponding mounting kit, type SMB-8E, is mounted outwardly.



## **Data sheet**

| Feature  | Value  |
|--|--|
| Stroke   | 40 mm  |
| Piston diameter  | 20 mm  |
| Operating mode of drive unit                             | Yoke   |
| Cushioning   | PPV: Pneumatic cushioning adjustable at both ends                |
| Assembly position  | Any  |
| Guide  | Recirculating ball bearing guide                                 |
| Design structure   | Guide  |
| Position detection                                       | For proximity sensor   |
| Operating pressure MPa                                   | 0.2 1 MPa  |
| Working pressure   | 2 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                  | 0 - No corrosion stress  |
| PWIS conformity  | VDMA24364-B1/B2-L  |
| Ambient temperature                                      | -5 60 °C   |
| Impact energy in end positions                           | 0.2 J  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting | 141 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance    | 188 N  |
| alternative connections                                  | See product drawing  |
| Pneumatic connection                                     | M5   |
| Materials note   | Conforms to RoHS   |
| Material cover   | Wrought Aluminum alloy   |
| Material seals   | NBR  |
| Material housing   | Wrought Aluminum alloy   |
| Material piston rod                                      | High alloy steel, non-corrosive                                  |