

# Guided actuator DFM-N-32-160-B-P-A-GF

Part number: 570585

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 160 mm   |
| Piston diameter                          | 32 mm  |
| Type code                                | DFM-B  |
| Drive unit operating mode                | Yoke   |
| Cushioning                               | Elastic cushioning rings/pads at both ends                         |
| Mounting position                        | Any  |
| Guide                                    | Sliding guide  |
| Structural design                        | Guide  |
| Position sensing                         | For proximity sensor   |
| Operating pressure                       | 1.5 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)         | 2 - Moderate corrosion stress                                      |
| Ambient temperature                      | -20 °C ... 80 °C   |
| Theoretical force at 6 bar, retracting   | 415 N  |
| Theoretical force at 6 bar, advancing    | 482 N  |
| Alternative connections                  | See product drawing  |
| Pneumatic connection                     | 1/8 NPT  |
| Note on materials                        | RoHS-compliant   |
| Cover material                           | Wrought aluminum alloy   |
| Seals material                           | NBR  |
| Housing material                         | Wrought aluminum alloy   |
| Piston rod material                      | High-alloy stainless steel   |