

# Guided actuator DFM-N-40-80-B-P-A-GF

Part number: 570589

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 80 mm                                                              |
| Piston diameter                          | 40 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   | 686 N                                                              |
| Theoretical force at 6 bar, advancing    | 754 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                                         |