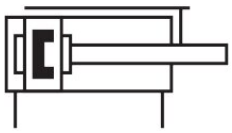
# Mini guided drive
# DFC-6-5-P-A-KF

Part number: 189461





## Data sheet

| Feature | Value |
|---|---|
| Distance from centre of gravity of load to yoke plate xs | 10 mm |
| Stroke | 5 mm |
| Piston diameter | 6 mm |
| Operating mode, drive unit | Yoke |
| Cushioning | Elastic cushioning rings/plates at both ends |
| Mounting position | optional |
| Guide | Recirculating ball bearing guide |
| Design | Guidance |
| Position detection | Via proximity switch |
| Operating pressure | 0.15 MPa...1 MPa<br>1.5 bar...10 bar |
| Max. speed | 1 m/s |
| Mode of operation | Double-acting |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Ambient temperature | -5 °C...60 °C |
| Impact energy in end positions | 0.008 Nm |
| Max. moment Mx | 0.1 Nm |
| Max. effective load dependent upon stroke at defined distance xs | 4.6 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke | 12.5 N |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 17 N |
| Moving mass | 8.8 g |
| Moving mass for 0 mm stroke | 8.8 g |
| Additional moving mass per 10 mm stroke | 2.8 g |
| Product weight | 28 g |
| Pneumatic connection | M3 |
| Material cover | Wrought aluminium alloy |
| Material seals | NBR |
| Material housing | Wrought aluminium alloy |

| Feature | Value |
| --- | --- |
| Material piston rod | High-alloy stainless steel |