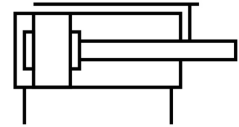



# Mini guided actuator DFC-4-20-P-GF

Part number: 189454

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Distance of centre of gravity of payload to yoke plate xs	5 mm
Stroke	20 mm
Piston diameter	4 mm
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Sliding guide
Structural design	Guide
Position sensing	None
Symbol	00991738
Operating pressure	0.35 MPa ... 0.7 MPa
Operating pressure	3.5 bar ... 7 bar
Max. speed	1 m/s
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
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-5 °C ... 60 °C
Impact energy in the end positions	0.006 J
Max. torque Mx	0.02 Nm
Max. payload as a function of the stroke at defined distance xs	1.7 N
Theoretical force at 6 bar, retracting	5.5 N
Theoretical force at 6 bar, advancing	7.5 N
Moving mass	3.2 g
Moving mass at 0 mm stroke	3.2 g
Additional moving mass per 10 mm stroke	1.3 g
Product weight	17.5 g
Pneumatic connection	PK-2
Cover material	Wrought aluminum alloy
Seals material	NBR
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel