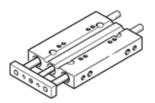
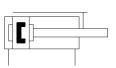
## Mini guided drive DFC-10-15-P-A-GF Part number: 189469

For position sensing with plain-bearing guide. Sensor bracket is included in scope of delivery



## **Data sheet**

Feature	Value
Centre of gravity distance from working load to yoke plate	15 mm
Stroke	15 mm
Piston diameter	10 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Plain-bearing guide
Design structure	Guide
Position detection	For proximity sensor
Operating pressure MPa	0.1 1 MPa
Working pressure	1 10 bar
Max. speed	1 m/s
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	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	√DMA24364-B2-L -5 60 °C
Impact energy in end positions	0.05 Nm
Max. torque Mx	0.05 Nm
Max. useful load as a function of the stroke at defined distance xs	12.2 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	12.2 N 35 N
	35 N 47 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	
Moving mass	27.2 g
Moving mass with 0 mm stroke Additional mass factor per 10 mm of stroke	27.2 g
	7.2 g
Product weight Pneumatic connection	108 g M5
Pheumatic connection Material cover	
	Wrought Aluminum alloy
Material seals	NBR
Material housing	Wrought Aluminum alloy
Material piston rod	High alloy steel, non-corrosive



## **FESTO**