

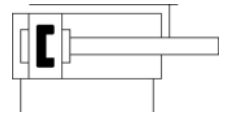
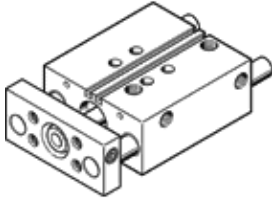
# Guide cylinder DFM-12-10-P-A-KF

Part number: 170899

★ Core product range

The proximity switch, type SMTSO-8E, is not suitable for this product.  
With integral guide.

FESTO



## Data sheet

Feature	values
Centre of gravity distance from working load to yoke plate	25 mm
Stroke	10 mm
Piston diameter	12 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide
Position detection	For proximity sensor
Working pressure	2 ... 10 bar
Max. speed	0.8 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	0
Ambient temperature	-5 ... 60 °C
Impact energy in end positions	0.07 Nm
Max. torque Mx	0.55 Nm
Max. useful load as a function of the stroke at defined distance xs	27 N
Theoretical force at 6 bar, return stroke	51 N
Theoretical force at 6 bar, advance stroke	68 N
Moving mass	147 g
Product weight	320 g
alternative connections	See product drawing
Pneumatic connection	M5
Materials note	Free of copper and PTFE Conforms to RoHS
Materials information for cover	Wrought Aluminum alloy
Materials information for seals	NBR
Materials information, housing	Wrought Aluminum alloy
Materials information for piston rod	High alloy steel, non-corrosive