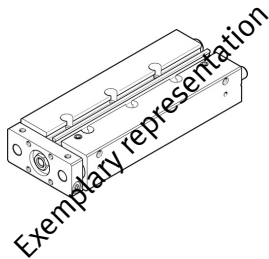


Guided actuator DFM-16- -B

Part number: 529120

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 mm ... 200 mm
Piston diameter	16 mm
Type code	DFM-B
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Guide	Sliding guide Recirculating ball bearing guide
Design	Guide
Position sensing	For proximity sensor
Variants	Heat-resistant seals max. 120°C
Operating pressure	2 bar ... 10 bar
Mode of operation	Double-acting
ATEX category gas	II 2G
Type of ignition protection for gas	Ex h IIC T4 Gb
Explosive ambient temperature	-20°C ≤ Ta ≤ +70°C
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX)
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)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Corrosion resistance class (CRC)	0 - No corrosion stress 2 - Moderate corrosion stress
Ambient temperature	-20 °C ... 120 °C
Theoretical force at 6 bar, retracting	90 N
Theoretical force at 6 bar, advancing	121 N
Alternative connections	See product drawing
Pneumatic connection	M5
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