

Guided actuator DFM-32- -B

Part number: 532318

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	20 mm ... 400 mm
Piston diameter	32 mm 32 mm
Type code	DFM-B
Drive unit operating mode	Yoke
Cushioning	Pneumatic cushioning, adjustable at both ends Pneumatic shock absorber, soft characteristic curve Elastic cushioning rings/pads at both ends Elastic cushioning rings/pads at both ends Pneumatic cushioning, adjustable at both ends Pneumatic shock absorber, soft characteristic curve
Mounting position	Any Any
Guide	Sliding guide Recirculating ball bearing guide Recirculating ball bearing guide
Design	Guide
Position sensing	For proximity sensor For proximity sensor
Variants	Heat-resistant seals max. 120°C Heat-resistant seals max. 120°C
Operating pressure	1.5 bar ... 10 bar
Mode of operation	Double-acting
ATEX category gas	II 2G II 2G
Type of ignition protection for gas	Ex h IIC T4 Gb Ex h IIC T4 Gb
Explosive ambient temperature	-20°C ≤ Ta ≤ +70°C -20°C ≤ Ta ≤ +70°C
Explosion prevention and protection	Zone 2 (ATEX) Zone 1 (ATEX) Zone 1 (ATEX) Zone 2 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] 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) Operation with oil lubrication possible (required for further use)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX) as per EU explosion protection directive (ATEX)

Feature	Value
Corrosion resistance class (CRC)	0 - No corrosion stress 2 - Moderate corrosion stress 2 - Moderate corrosion stress
Ambient temperature	-20 °C ... 120 °C
Theoretical force at 6 bar, retracting	415 N
Theoretical force at 6 bar, advancing	482 N
Alternative connections	See product drawing
Pneumatic connection	G1/8 G1/8
Note on materials	RoHS-compliant RoHS-compliant
Cover material	Wrought aluminum alloy Wrought aluminum alloy
Seals material	NBR NBR
Housing material	Wrought aluminum alloy Wrought aluminum alloy
Piston rod material	High-alloy stainless steel