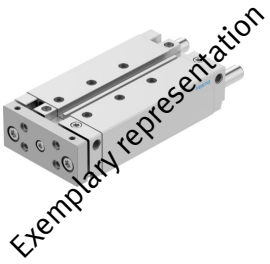
Guided drive
DFM-32- -B

Part number: 532318



- General operating condition
- Guided drive
- Product details
- Category page
- Spare parts

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	20 mm ... 400 mm
Piston diameter	32 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends Pneumatic cushioning, adjustable at both ends Shock absorber, soft characteristic curve
Mounting position	Any
Guide	Plain-bearing guide Recirculating ball bearing guide
Design	Guidance
Position detection	Via proximity switch
Variants	Heat-resistant seals max. 120°C
Operating pressure	0.15 MPa ... 1 MPa
Operating pressure	1.5 bar ... 10 bar
Mode of operation	Double-acting
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX)
ATEX category gas	II 2G
Explosion ignition protection type for gas	Ex h IIC T4 Gb
Explosion ambient temperature	-20°C <= Ta <= +70°C
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	0 - No corrosion stress 2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C ... 120 °C
Impact energy in end positions	0.2 J ... 0.4 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	482 N
alternative connections	See product drawing
Pneumatic connection	G1/8
Note on materials	RoHS compliant
Material cover	Wrought aluminium alloy

Feature	Value
Material seals	NBR
Material housing	Wrought aluminium alloy
Material piston rod	High-alloy stainless steel