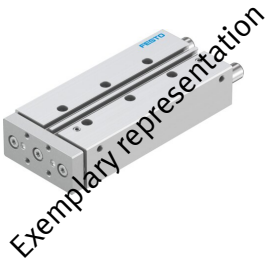
Guided drive
DFM-16- -B

Part number: 529120



- 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	10 mm ... 200 mm
Piston diameter	16 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends Pneumatic cushioning, adjustable at both ends
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	0.2 MPa ... 1 MPa
Operating pressure	2 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	0.075 J ... 0.15 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	104 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	121 N
alternative connections	See product drawing
Pneumatic connection	M5
Note on materials	RoHS compliant
Material cover	Wrought aluminium alloy
Material seals	NBR

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