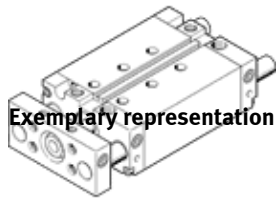


guided drive DFM-50- -B

Part number: 534769

FESTO

With integrated guide.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	25 ... 400 mm
Piston diameter	50 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends PPV: Pneumatic cushioning adjustable at both ends YSRW: Shock absorber, soft characteristic curve
Assembly position	Any
Guide	Plain-bearing guide Recirculating ball bearing guide
Design structure	Guide
Position detection	For proximity sensor
Variants	Heat resistant seals, max. 120°C
Operating pressure	1 ... 10 bar
Mode of operation	double-acting
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
ATEX category Gas	II 2G
Explosion ignition protection type Gas	Ex h IIC T4 Gb
Explosion-proof ambient temperature	-20°C ≤ Ta ≤ +70°C
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 - No corrosion stress 2 - Moderate corrosion stress
Ambient temperature	-20 ... 120 °C
Theoretical force at 6 bar, return stroke	1.057 N
Theoretical force at 6 bar, advance stroke	1.178 N
alternative connections	See product drawing
Pneumatic connection	G1/4
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	NBR
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive