

Technical data

FESTO

 Condition of use

Part number: 532316
Order code 1: DFM-20-120-B-P-A-KF
Order-ID: C230977

Technical data

Feature name	Value
Stroke	120 mm
Piston diameter	20
Short type code	DFM-B
Operating mode of drive unit	Joch Yoke
Cushioning	P Elastic cushioning rings/pads at both ends
Mounting position	beliebig Any
Fuehrung Guide	Kugelumlauffuehrung Recirculating ball bearing
Design	Fuehrung Guide
Position detection	fuer Naeherungsschalter For proximity switch
Operating pressure (MPa)	0,200 - 1,000 0,200...1,000 MPa
Operating pressure (bar)	2,000 - 10,000 2,000...10,000 bar
Operating mode	doppeltwirkend Double-acting
Operating medium	LX3 Compressed air as per ISO 8573-1:2010 [7:4:4]
Note on operating/pilot medium	Geoelt.Betr.moegl(dann erford) Lubricated operation possible (required for further use)
Corrosion resistance class KBK	no corrosion stress - 0
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-5 - 60 °C -5...60 °C
Impact energy in the end positions	0.2 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	158 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advancing	188 N
alternative connections	See product drawing
Pneumatic connection	M5
Note on materials	RoHS konform RoHS-compliant
Cover material	Alu-Knetlegierung Wrought aluminum alloy
Sealing material	NBR
Housing material	Alu-Knetlegierung Wrought aluminum alloy
Piston rod material	hochlegierter Stahl rostfrei High-alloy stainless steel