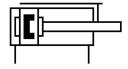
Guided actuators DFM-20-100-P-A-GF-F1A

FESTO

Part number: 8118849





General operating condition

Data sheet

excluded from use. Exceptions a plated surfaces, printed circuit b and coils. Operating pressure 0.2 MPa 1 MPa Operating pressure 2 bar 10 bar Max. speed 0.8 m/s Mode of operation Operating medium Compressed air as per ISO 8573 Information on operating and pilot media Operation with oil lubrication por Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Suitability for the production of Li-ion batteries mexcluded from use. Exception and plated surfaces, printed circuit b and coils.	
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Max. torque my	
Max. static moment My 16.31 Nm	

Feature	Value
Max. torque Mz	16.31 Nm
Max. static moment Mz	16.31 Nm
Max. permissible torque load Mx as a function of the stroke	2.66 Nm
Max. payload as a function of the stroke at defined distance xs	77 N
Theoretical force at 6 bar, retracting	141 N
Theoretical force at 6 bar, advancing	188 N
Moving mass	732 g
Product weight	1592 g
Alternative connections	See product drawing
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	NBR
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel