

Linear actuator DLGF-G-20-100-PPSA

Part number: 5074918

FESTO



Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	20 mm
Cushioning	PPS: Self-adjusting pneumatic end-position cushioning
Assembly position	Any
Guide	Basic guide
Driver principle	positive-locking (slot)
Position detection	For proximity sensor
Operating pressure MPa	0.2 ... 0.8 MPa
Working pressure	2 ... 8 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	0 ... 60 °C
Cushioning length	9.6 mm
Max. force F _y	0 N
Max. force F _z (towards drive)	98 N
Max. force +F _z (away from drive)	54 N
Max. torque M _x	0.6 Nm
Max. torque M _y	2.2 Nm
Max. torque M _z	0.7 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	188 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	188 N
Moving mass	66 g
Product weight	872 g
alternative connections	See product drawing
Mounting type	Direct mounting via through-holes with accessories
Pneumatic connection	M5
Materials note	Conforms to RoHS Free of copper
Material cover	Coated die-cast aluminium
Material seals	NBR TPE-U(PU)
Material housing	Anodised aluminium