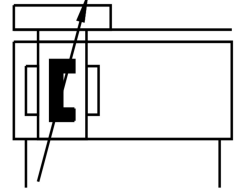


# Linear actuator DLGF-KF-20-100-PPSA

Part number: 5074938

FESTO



## Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	20 mm
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Guide	Recirculating ball bearing guide
Driver principle	Positive locking (slot)
Position sensing	For proximity sensor
Operating pressure	0.2 MPa...0.8 MPa 2 bar...8 bar
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	0 °C...60 °C
Cushioning length	9.6 mm
Max. force F <sub>y</sub>	600 N
Max. force F <sub>z</sub> (towards actuator)	700 N
Max. force +F <sub>z</sub> (away from actuator)	400 N
Max. torque M <sub>x</sub>	5.4 Nm
Max. torque M <sub>y</sub>	15 Nm
Max. torque M <sub>z</sub>	15 Nm
Theoretical force at 6 bar, retracting	188 N
Theoretical force at 6 bar, advancing	188 N
Moving mass	470 g
Product weight	1371 g
Alternative connections	See product drawing
Type of mounting	Direct mounting via through-hole With accessories
Pneumatic connection	M5

<b>Feature</b>	<b>Value</b>
Note on materials	RoHS-compliant Copper-free
Cover material	Die-cast aluminum, coated
Seals material	NBR TPE-U(PU)
Housing material	Aluminum, anodized