

Linear actuator DLGF-KF-20-250-PPSA

Part number: 5074941

FESTO



[PDF General operating condition](#)

Data sheet

Feature	Value
Stroke	250 mm
Piston diameter	20 mm
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Guide	Recirculating ball bearing
Driver principle	Positive locking (slot)
Position sensing	Via proximity switch
Symbol	00991254
Operating pressure	0.2 MPa ... 0.8 MPa
Operating pressure	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
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Ambient temperature	0 °C ... 60 °C
Cushioning length	9.6 mm
Max. force F _y	600 N
Max. force F _z (towards actuator)	700 N
Max. force +F _z (away from actuator)	400 N
Max. torque M _x	5.4 Nm
Max. torque M _y	15 Nm
Max. torque M _z	15 Nm
Theoretical force at 6 bar, retracting	188 N
Theoretical force at 6 bar, advancing	188 N
Moving mass	470 g
Product weight	1901 g
Alternative connections	See product drawing
Type of mounting	With accessories
Pneumatic connection	M5
Note on materials	RoHS compliant Free of copper
Cover material	Die-cast aluminum, coated

Feature	Value
Seals material	NBR TPE-U(PU)
Housing material	Anodized aluminum