

Linear actuator DLGF-KF-25-300-PPSA

Part number: 5072374

FESTO



[PDF General operating condition](#)

Data sheet

Feature	Value
Stroke	300 mm
Piston diameter	25 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
Symbol	00991254
Operating pressure	0.15 MPa ... 0.8 MPa
Operating pressure	1.5 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 mm
Max. force F_y	1000 N
Max. force F_z (towards actuator)	1200 N
Max. force $+F_z$ (away from actuator)	700 N
Max. torque M_x	12.3 Nm
Max. torque M_y	30 Nm
Max. torque M_z	30 Nm
Theoretical force at 6 bar, retracting	295 N
Theoretical force at 6 bar, advancing	295 N
Moving mass	760 g
Product weight	3000 g
Alternative connections	See product drawing
Type of mounting	Direct mounting via through-hole With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant Copper-free
Cover material	Die-cast aluminum, coated

Feature	Value
Seals material	NBR TPE-U(PU)
Housing material	Aluminum, anodized