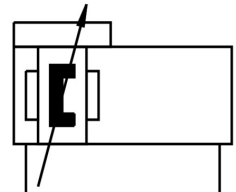


Linear actuator DLGF-G-40-500-PPSA

Part number: 5074742

FESTO



Data sheet

Feature	Value
Stroke	500 mm
Piston diameter	40 mm
Type code	DLGF
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Guide	Basic guide
Driver principle	Positive locking (slot)
Position sensing	For proximity sensor
Symbol	00995280
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
Ambient temperature	0 °C ... 60 °C
Cushioning length	12.9 mm
Max. force Fy	0 N
Max. force Fz (towards actuator)	662 N
Max. force +Fz (away from actuator)	456 N
Max. torque Mx	7.7 Nm
Max. torque My	37.6 Nm
Max. torque Mz	11.2 Nm
Theoretical force at 6 bar, retracting	754 N
Theoretical force at 6 bar, advancing	754 N
Moving mass	450 g
Product weight	7257 g
Alternative connections	See product drawing
Type of mounting	Direct mounting via through-hole With accessories
Pneumatic connection	G1/4
Note on materials	RoHS-compliant Copper-free
Cover material	Die-cast aluminum, coated
Seals material	NBR TPE-U(PU)

Feature	Value
Housing material	Aluminum, anodized