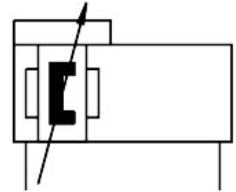


Linear actuator DLGF-G-25-500-PPSA

Part number: 507 2358

FESTO



Data sheet

Feature	Value
Stroke	500 mm
Piston diameter	25 mm
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Guide	Basic guide
Driver principle	Positive locking (slot)
Position sensing	Via proximity switch
Operating pressure	0.15 MPa...0.8 MPa 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
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Ambient temperature	0 °C...60 °C
Cushioning length	9 mm
Max. force F _y	0 N
Max. force F _z (towards actuator)	164 N
Max. force +F _z (away from actuator)	95 N
Max. torque M _x	1.1 Nm
Max. torque M _y	4.5 Nm
Max. torque M _z	1.4 Nm
Theoretical force at 6 bar, retracting	295 N
Theoretical force at 6 bar, advancing	295 N
Moving mass	110 g
Product weight	2712 g
Alternative connections	See product drawing
Type of mounting	Direct mounting via through-hole With accessories
Pneumatic connection	G1/8

Feature	Value
Note on materials	RoHS compliant Free of copper
Cover material	Die-cast aluminum, coated
Seals material	NBR TPE-U(PU)
Housing material	Anodized aluminum