

# Linear actuator DLGF-G-20-500-PPSA

Part number: 5074926

FESTO



 General operating condition

## Data sheet

Feature	Value
Stroke	500 mm
Piston diameter	20 mm
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	0.2 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 <sub>y</sub>	0 N
Max. force F <sub>z</sub> (towards actuator)	98 N
Max. force +F <sub>z</sub> (away from actuator)	54 N
Max. torque M <sub>x</sub>	0.6 Nm
Max. torque M <sub>y</sub>	2.2 Nm
Max. torque M <sub>z</sub>	0.7 Nm
Theoretical force at 6 bar, retracting	188 N
Theoretical force at 6 bar, advancing	188 N
Moving mass	66 g
Product weight	1998 g
Alternative connections	See product drawing
Type of mounting	With accessories
Pneumatic connection	M5
Note on materials	RoHS-compliant Copper-free
Cover material	Die-cast aluminum, coated

<b>Feature</b>	<b>Value</b>
Seals material	NBR TPE-U(PU)
Housing material	Aluminum, anodized