

# Linear actuator DLGF-...-40- -PPSA

Part number: 8063802

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	50 mm ... 1000 mm
Piston diameter	40 mm
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Guide	Basic guide Recirculating ball bearing guide
Driver principle	Positive locking (slot)
Position sensing	For proximity sensor
Variants	With mounting holes Without mounting holes
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
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Ambient temperature	0 °C ... 60 °C
Cushioning length	12.9 mm
Theoretical force at 6 bar, retracting	754 N
Theoretical force at 6 bar, advancing	754 N
Alternative connections	See product drawing
Type of mounting	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)
Housing material	Aluminum, anodized