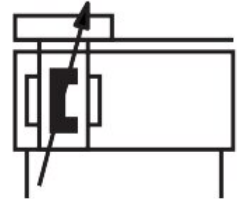


Linear actuator DGPL-50- -PPV-A-KF-B

Part number: 161795

FESTO



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 mm ... 3000 mm
Piston diameter	50 mm
Cushioning	Pneumatic cushioning, adjustable at both ends Pneumatic shock absorber, hard characteristic curve
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)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 °C ... 60 °C
Cushioning length	30 mm
Theoretical force at 6 bar, retracting	1178 N
Theoretical force at 6 bar, advancing	1178 N
Moving mass	3000 g
Moving mass at 0 mm stroke	3000 g
Additional moving mass per 10 mm stroke	167 g
Basic weight with 0 mm stroke	9600 g
Alternative connections	See product drawing
Pneumatic connection	G1/4
Cover material	Cast aluminum Coated
Seals material	NBR TPE-U(PU)
Housing material	Anodized