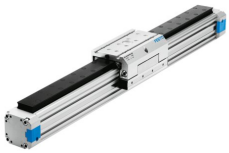
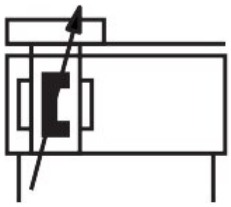
Linear actuator
DGPL-25-250-PPV-A-B-KF

Part number: 526649





Data sheet

Feature	Value
Stroke	250 mm
Piston diameter	25 mm
Cushioning	Pneumatic cushioning, adjustable at both ends Pneumatic shock absorber, hard characteristic curve
Mounting position	Any
Guide	Recirculating ball bearing
Driver principle	Positive locking (slot)
Position sensing	Via proximity switch
Operating pressure	0.2 MPa...0.8 MPa 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)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 °C...60 °C
Cushioning length	18 mm
Theoretical force at 6 bar, retracting	295 N
Theoretical force at 6 bar, advancing	295 N
Moving mass	600 g
Moving mass at 0 mm stroke	600 g
Additional moving mass per 10 mm stroke	53 g
Basic weight with 0 mm stroke	1520 g
Alternative connections	See product drawing
Pneumatic connection	G1/8
Cover material	Cast aluminum Coated
Seals material	NBR TPE-U(PU)
Housing material	Aluminum Anodized