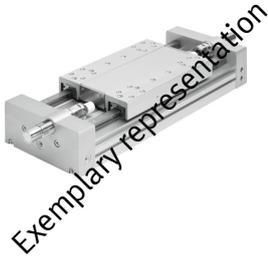


Linear actuator DGC-18- -HD-

Part number: 567547

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 mm ... 3000 mm
Piston diameter	18 mm
Cushioning	Pneumatic shock absorber, hard characteristic curve Pneumatic shock absorber, soft characteristic curve
Mounting position	Any
Guide	Recirculating ball bearing guide
Position sensing	For proximity sensor
Variants	Additional slide, standard, on left Additional slide, standard on right
Operating pressure	0.25 MPa ... 0.8 MPa
Operating pressure	2.5 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 zone III
Ambient temperature	-10 °C ... 60 °C
Theoretical force at 6 bar, retracting	153 N
Theoretical force at 6 bar, advancing	153 N
Moving mass	921 g ... 1057 g
Moving mass at 0 mm stroke	3851 g ... 3987 g
Additional weight per 10 mm stroke	71 g
Type of mounting	With accessories
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	NBR TPE-U(PU)