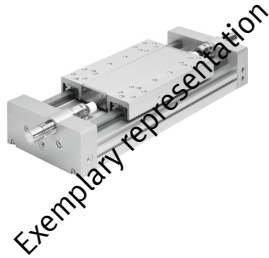


Linear drive DGC-18- -HD-

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	Shock absorber, hard characteristic curve Shock absorber, soft characteristic curve
Mounting position	Any
Guide	Recirculating ball bearing guide
Position detection	Via proximity switch
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 to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-10 °C ... 60 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	153 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	153 N
Moving mass	921 g ... 1057 g
Moving mass for 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
Material cover	Wrought aluminium alloy
Material seals	NBR TPE-U(PU)