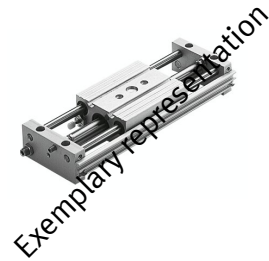


Linear drive unit SLM-12- -KF-A

Part number: 32781

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 mm ... 500 mm
Piston diameter	12 mm
Cushioning	Elastic cushioning rings/plates at both ends Shock absorber, hard characteristic curve
Mounting position	Any
Guide	Recirculating ball bearing guide
Position detection	Via proximity switch For inductive sensors
Variants	Standard design
Operating pressure	0.7 MPa
Operating pressure	7 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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-20 °C ... 60 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	68 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	68 N
Moving mass	620 g
Additional moving mass per 10 mm stroke	10 g
Basic weight for 0 mm stroke	1110 g
Additional weight per 10 mm stroke	10 g
Pneumatic connection	M5
Material cover	Aluminium
Material seals	Process automation TPE-U(PU)
Material housing	Aluminium