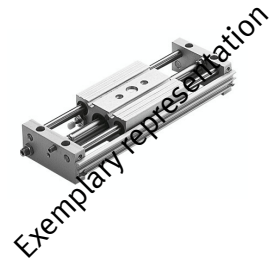


Linear unit SLM-12- -KF-A

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/pads at both ends Pneumatic shock absorber, hard characteristic curve
Mounting position	Any
Guide	Recirculating ball bearing guide
Position sensing	For proximity sensor For inductive proximity sensors
Variants	Standard design
Operating pressure	0.7 MPa
Operating pressure	7 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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-20 °C ... 60 °C
Theoretical force at 6 bar, retracting	68 N
Theoretical force at 6 bar, advancing	68 N
Moving mass	620 g
Additional moving mass per 10 mm stroke	10 g
Basic weight with 0 mm stroke	1110 g
Additional weight per 10 mm stroke	10 g
Pneumatic connection	M5
Cover material	Aluminum
Seals material	PA TPE-U(PU)
Housing material	Aluminum