


Linear drive unit SLM-32- -KF-A

Part number: 32785

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 mm ... 1500 mm
Piston diameter	32 mm
Cushioning	Elastic cushioning rings/plates at both ends Shock absorber, hard characteristic curve
Mounting position	optional
Guide	Recirculating ball bearing guide
Position detection	Via proximity switch Via inductive sensors
Variants	Standard design Hollow guide rod Hollow guide rod and reversing plate
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	483 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	483 N
Moving mass	3150 g
Additional moving mass per 10 mm stroke	55 g
Basic weight for 0 mm stroke	6400 g
Additional weight per 10 mm stroke	55 g
Pneumatic connection	G1/8
Material cover	Aluminium
Material seals	PA TPE-U(PU)
Material housing	Aluminium