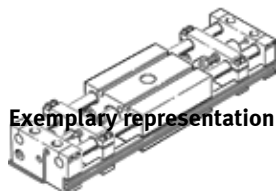


# linear drive unit SLM-12- -KF-A

Part number: 32781

FESTO

Centring pins or centring sleeves are included with the linear unit.  
Cylinder sensor SIEN-... can be ordered from the modular system using  
order code PV, PH, NV, NH. Can also be ordered as a separate part.



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 ... 500 mm
Piston diameter	12 mm
Cushioning	P: Flexible cushioning rings/plates at both ends YXR: Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Recirculating ball bearing guide
Position detection	For proximity sensor For inductive sensors
Variants	basic design
Operating pressure MPa	0.7 MPa
Operating pressure	7 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-20 ... 60 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	68 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	68 N
Moving mass	620 g
Additional mass factor per 10 mm of stroke	10 g
Basic weight for 0 mm stroke	1,110 g
Additional weight per 10 mm stroke	10 g
Pneumatic connection	M5
Material cover	Aluminium
Material seals	PA TPE-U(PU)
Material housing	Aluminium