

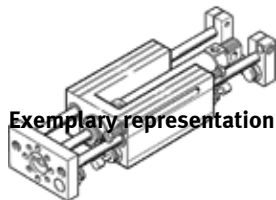
# linear drive unit

## SLE-50- -KF-A

Part number: 150921  
Classic - do not use for new projects

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.  
Modern alternatives can be found by entering the first four characters of the type code in the search field.



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 ... 500 mm
Piston diameter	50 mm
Operating mode of drive unit	Yoke
Cushioning	YXR: Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide
Position detection	For proximity sensor For inductive sensors
Operating pressure MPa	0.15 ... 1.2 MPa
Operating pressure	1.5 ... 12 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-20 ... 80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	990 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	1,178 N
Moving mass with 0 mm stroke	3,600 g
Additional mass factor per 10 mm of stroke	77 g
Basic weight for 0 mm stroke	9,200 g
Additional weight per 10 mm stroke	125 g
Pneumatic connection	G1/4
Material cover	Aluminium casting
Material seals	PA
Material housing	Aluminium casting
Material piston rod	High alloy steel
Material cylinder barrel	Wrought Aluminium alloy