

# linear drive unit

## SLE-25- -KF-A

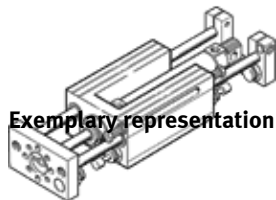
Part number: 150092

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 ... 320 mm
Piston diameter	25 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	0.25 ... 1 MPa
Operating pressure	2.5 ... 10 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	247 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	295 N
Moving mass with 0 mm stroke	500 g
Additional mass factor per 10 mm of stroke	12 g
Basic weight for 0 mm stroke	1,942 g
Additional weight per 10 mm stroke	23 g
Pneumatic connection	G1/8
Material cover	Wrought Aluminium alloy
Material seals	PA
Material housing	Aluminium
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	High alloy steel, non-corrosive