

# Linear drive SLG-18- -

Part number: 187853

FESTO



 [General operating condition](#)

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	100 mm ... 900 mm
Piston diameter	18 mm
Cushioning	Elastic cushioning rings/plates at both ends Shock absorber, hard characteristic curve
Mounting position	Any
Guide	Recirculating ball bearing guide
Max. number of intermediate positions	4
Coupling design	Positive-locking (slot)
Position detection	Via proximity switch
Variants	Pulling
Operating pressure	1 bar ... 8 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	-10 °C ... 60 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	153 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	153 N
Additional moving mass per 10 mm stroke	30 g
alternative connections	See product drawing
Pneumatic connection	M5
Material cover	POM
Material seals	TPE-U(PU)
Material housing	anodised