

Linear drive DGPL-18- -PPV-A-KF-B

Part number: 161977

FESTO



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 mm ... 1800 mm
Piston diameter	18 mm
Cushioning	Pneumatic cushioning, adjustable at both ends Shock absorber, hard characteristic curve
Mounting position	Any
Guide	Recirculating ball bearing guide
Coupling design	Positive-locking (slot)
Position detection	Via proximity switch
Symbol	00991254
Operating pressure	0.2 MPa ... 0.8 MPa
Operating pressure	2 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	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 °C ... 60 °C
Cushioning length	16 mm
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
Moving mass	360 g
Moving mass for 0 mm stroke	360 g
Additional moving mass per 10 mm stroke	36 g
Basic weight for 0 mm stroke	830 g
alternative connections	See product drawing
Pneumatic connection	M5
Material cover	Die-cast aluminium coated
Material seals	NBR TPE-U(PU)
Material housing	anodised