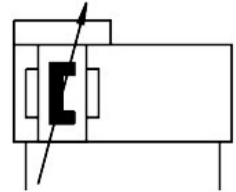


Linear drive DLGF-G-25-500-PPSA

Part number: 5072358

FESTO



 General operating condition

Data sheet

Feature	Value
Stroke	500 mm
Piston diameter	25 mm
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	optional
Guide	Basic guide
Coupling design	Positive-locking (slot)
Position detection	Via proximity switch
Symbol	00995280
Operating pressure	0.15 MPa ... 0.8 MPa
Operating pressure	1.5 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-B1/B2-L
Ambient temperature	0 °C ... 60 °C
Cushioning length	9 mm
Max. force Fy	0 N
Max. force -Fz (towards drive)	164 N
Max. force +Fz (away from drive)	95 N
Max. moment Mx	1.1 Nm
Max. moment My	4.5 Nm
Max. moment Mz	1.4 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	295 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	295 N
Moving mass	110 g
Product weight	2712 g
alternative connections	See product drawing
Type of mounting	Direct mounting via through-hole With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant Free of copper
Material cover	Cast aluminium, coated

Feature	Value
Material seals	NBR TPE-U(PU)
Material housing	Anodised aluminium