

Linear drive

DLGF-KF-20-400-PPSA

Part number: 5074944

FESTO



Data sheet

Feature	Value
Stroke	400 mm
Piston diameter	20 mm
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	optional
Guide	Recirculating ball bearing guide
Coupling design	Positive-locking (slot)
Position detection	Via proximity switch
Operating pressure	0.2 MPa...0.8 MPa 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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	0 °C...60 °C
Cushioning length	9.6 mm
Max. force F _y	600 N
Max. force -F _z (towards drive)	700 N
Max. force +F _z (away from drive)	400 N
Max. moment M _x	5.4 Nm
Max. moment M _y	15 Nm
Max. moment M _z	15 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	188 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	188 N
Moving mass	470 g
Product weight	2432 g
alternative connections	See product drawing
Type of mounting	Direct mounting via through-hole With accessories
Pneumatic connection	M5

Feature	Value
Note on materials	RoHS-compliant Free of copper
Material cover	Cast aluminium, coated
Material seals	NBR TPE-U(PU)
Material housing	Anodised aluminium