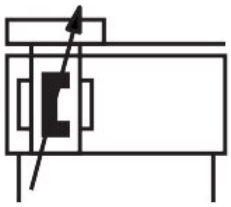
Linear drive
DLGF-KF-20-250-PPSA

Part number: 5074941





Data sheet

Feature	Value
Stroke	250 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
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Ambient temperature	0 °C...60 °C
Cushioning length	9.6 mm
Max. force Fy	600 N
Max. force -Fz (towards drive)	700 N
Max. force +Fz (away from drive)	400 N
Max. moment Mx	5.4 Nm
Max. moment My	15 Nm
Max. moment Mz	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	1901 g
alternative connections	See product drawing
Type of mounting	Direct mounting via through-hole With accessories

Feature	Value
Pneumatic connection	M5
Note on materials	RoHS-compliant Free of copper
Material cover	Cast aluminium, coated
Material seals	NBR TPE-U(PU)
Material housing	Anodised aluminium