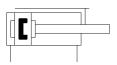
mini slide SLF-16-40-P-A Part number: 170514

Flat design with precision ball-bearing guide and adjustable end stops.

Data sheet

Feature	Value
Stroke	40 mm
Adjustable end-position range/length	5 mm
Piston diameter	16 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Ball bearing cage guide
Design structure	Yoke
	Piston
	Piston rod
	Ball cage guide
	Slide
Position detection	For proximity sensor
Operating pressure MPa	0.1 1 MPa
Operating pressure	1 10 bar
	14.5 145 psi
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
	operation)
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-20 60 °C
Impact energy in end positions	0.1 Nm
Max. force Fy	350 N
Max. force Fz	350 N
Max. torque Mx	2.2 Nm
Max. torque My	2.2 Nm
Max. torque Mz	1.3 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	104 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	121 N
Moving mass	133 g
Product weight	353 g
Basic weight for 0 mm stroke	353 g
alternative connections	See product drawing
Mounting type	with through hole
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	HNBR
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive



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