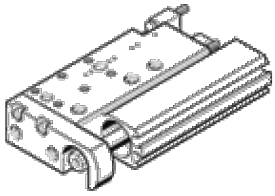
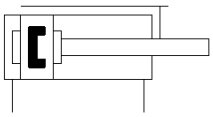
mini slide
SLF-6-20-P-A
Part number: 170504

FESTO

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





Data sheet

Feature	Value
Stroke	20 mm
Adjustable end-position range/length	5 mm
Piston diameter	6 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 kinematics
Position detection	For proximity sensor
Operating pressure	1,5 ... 10 bar
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
Ambient temperature	-20 ... 60 °C
Impact energy in end positions	0,016 Nm
Max. force Fy	150 N
Max. force Fz	150 N
Max. torque Mx	1,1 Nm
Max. torque My	1,1 Nm
Max. torque Mz	0,7 Nm
Theoretical force at 6 bar, return stroke	13 N
Theoretical force at 6 bar, advance stroke	17 N
Moving mass	37 g
Basic weight for 0 mm stroke	124 g
Product weight	84 g
alternative connections	See product drawing
Mounting type	with through hole
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Materials information for cover	Wrought Aluminium alloy
Materials information for seals	HNBR
Materials information, housing	Wrought Aluminium alloy
Materials information for piston rod	High alloy steel, non-corrosive