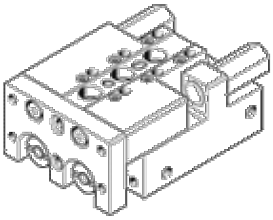
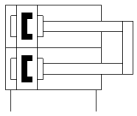
mini slide
SLT-16-10-P-A

Part number: 170560

FESTO

with precision heavy-duty ball-bearing guide and adjustable end stops.





Data sheet

Feature	Value
Stroke	10 mm
Adjustable end-position range/length	12 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 kinematics
Position detection	For proximity sensor
Operating pressure	1 ... 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	0.3 Nm
Max. force Fy	820 N
Max. force Fz	820 N
Max. torque Mx	6.1 Nm
Max. torque My	6.1 Nm
Max. torque Mz	4.2 Nm
Theoretical force at 6 bar, return stroke	207 N
Theoretical force at 6 bar, advance stroke	242 N
Moving mass	255 g
Product weight	566 g
alternative connections	See product drawing
Mounting type	with through hole
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Material cover	Wrought Aluminium alloy
Material seals	HNBR
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive