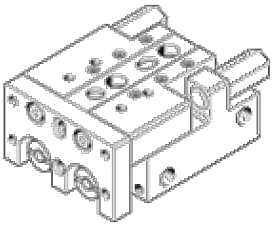
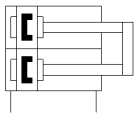
Mini slide
SLT-25-30-P-A

Part number: 170576

FESTO

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





Data sheet

Feature	Value
Stroke	30 mm
Adjustable end-position range/length	12 mm
Piston diameter	25 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
Working 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	0.5 Nm
Max. force Fy	1,280 N
Max. force Fz	1,280 N
Max. torque Mx	14 Nm
Max. torque My	14 Nm
Max. torque Mz	14 Nm
Theoretical force at 6 bar, return stroke	495 N
Theoretical force at 6 bar, advance stroke	590 N
Moving mass	891 g
Product weight	1,819 g
alternative connections	See product drawing
Mounting type	with through hole
Pneumatic connection	G1/8
Materials note	Free of copper and PTFE
Material cover	Wrought Aluminum alloy
Material seals	HNBR
Material housing	Wrought Aluminum alloy
Material piston rod	High alloy steel, non-corrosive