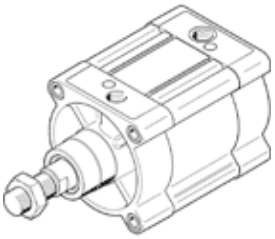
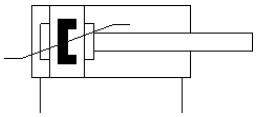
Standard cylinder
DSBC-125-320-PPSA-N3

Part number: 1804671

☆ Core product range

FESTO





Data sheet

Feature	Value
Stroke	320 mm
Piston diameter	125 mm
Piston rod thread	M27x2
Cushioning	PPS: Self-adjusting pneumatic end-position cushioning
Assembly position	Any
Conforms to standard	ISO 15552
Piston-rod end	Male thread
Design structure	Piston Piston rod Profile barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Working pressure	0.2 ... 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	2 - Moderate corrosion stress
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	3.3 J
Cushioning length	45 mm
Theoretical force at 6 bar, return stroke	6,881 N
Theoretical force at 6 bar, advance stroke	7,363 N
Moving mass with 0 mm stroke	2,245 g
Additional weight per 10 mm stroke	151 g
Basic weight for 0 mm stroke	6,611 g
Additional mass factor per 10 mm of stroke	63 g
Mounting type	Optional with internal (female) thread with accessories
Pneumatic connection	G1/2
Materials note	Conforms to RoHS
Material cover	Aluminum die cast coated
Material seals	TPE-U(PU)
Material piston rod	High alloy steel
Material cylinder barrel	Wrought Aluminum alloy Smooth anodized