

Standard cylinder DNGZK-50- -PPV-A-S8

Part number: 35521

FESTO

As per ISO 15552, NF E 49 003.1 and UNI 10 290, for proximity sensing, with trunnion mounting and adjustable cushioning at both ends.



Data sheet

Feature	Value
Stroke	1 ... 2,000 mm
Piston diameter	50 mm
Piston rod thread	M16x1,5
Based on the standard	ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290)
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Piston-rod end	Male thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	all external cylinder surfaces conform to corrosion resistance class KBK3 (heavy duty corrosion protection) This variant includes variant S3. End surfaces and the bearing collar are not protected. Any further protective measures which are required should be specified when ordering.
Working pressure	0.6 ... 12 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
Ambient temperature	-20 ... 80 °C
Cushioning length	23 mm
Theoretical force at 6 bar, return stroke	990 N
Theoretical force at 6 bar, advance stroke	1,178 N
Additional weight per 10 mm stroke	50 g
Basic weight for 0 mm stroke	1,945 g
Mounting type	with accessories
Pneumatic connection	G1/4
Materials information for cover	Aluminum die cast
Materials information for seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy