

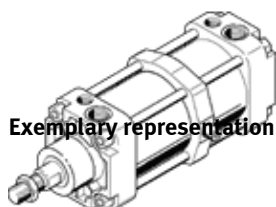
Standard cylinder DNGZS-320- -PPV-A

Part number: 157504
Product to be discontinued

FESTO

With fixed central trunnion mounting

Type to be discontinued. Available until 2016. See Support Portal for alternative products.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1 ... 1,100 mm
Piston diameter	320 mm
Piston rod thread	M48x2
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	cylinder with corrosion and acid resistant piston rod, stainless steel piston rod nut, FCM wiper seal Heat resistant seals, max. 120°C 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. Single-ended piston rod
Working pressure	0.3 ... 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
Ambient temperature	0 ... 120 °C
Cushioning length	66 mm
Theoretical force at 6 bar, return stroke	46,380 N
Theoretical force at 6 bar, advance stroke	48,250 N
Mounting type	with accessories
Pneumatic connection	G1
Materials information for cover	Aluminum casting
Materials information for seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	High alloy steel