

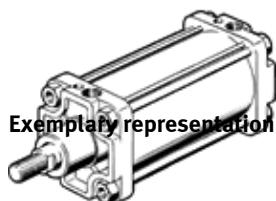
Standard cylinder DNG-160- -PPV-A-S3

Part number: 34980
Product to be discontinued

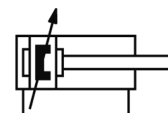
FESTO

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

Type to be discontinued. Available until 2014. See Support Portal for alternative products.



Exemplary representation



Data sheet

Feature	Value
Stroke	1 ... 2,000 mm
Piston diameter	160 mm
Piston rod thread	M36x2
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Conforms to standard	ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290)
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
Working pressure	0.6 ... 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	-20 ... 80 °C
Authorization	Germanischer Lloyd
Cushioning length	40 mm
Theoretical force at 6 bar, return stroke	11,310 N
Theoretical force at 6 bar, advance stroke	12,064 N
Additional weight per 10 mm stroke	190 g
Basic weight for 0 mm stroke	17,265 g
Mounting type	with accessories
Pneumatic connection	G3/4
Materials information for cover	Aluminum
Materials information for seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy