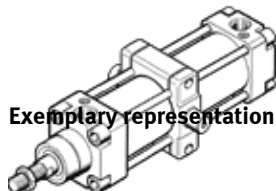


Standard cylinder DNGZK-160- -PPV-A-S3

Part number: 34945

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.



Exemplary representation



Data sheet

Feature	Value
Stroke	1 ... 2,000 mm
Piston diameter	160 mm
Piston rod thread	M36x2
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
Operating 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
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	19,510 g
Mounting type	with accessories
Pneumatic connection	G3/4
Materials information for cover	Aluminium casting
Materials information for seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Brass