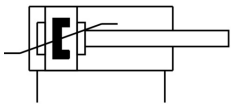
Round cylinder
DSNU-32-160-PPS-A

Part number: 559301





Data sheet

Feature	Value
Stroke	160 mm
Piston diameter	32 mm
Piston rod thread	M10x1.25
Type code	DSNU
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Design	Piston rod Cylinder barrel Piston
Position sensing	For proximity sensor
Symbol	00992970
Operating pressure	1 bar ... 10 bar
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Ambient temperature	-20 °C ... 80 °C
Cushioning length	14 mm
Theoretical force at 6 bar, retracting	415 N
Theoretical force at 6 bar, advancing	482.5 N
Moving mass	265 g
Product weight	619 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	NBR TPE-U(PU)
Piston rod material	High-alloy steel
Material of cylinder barrel	High-alloy stainless steel