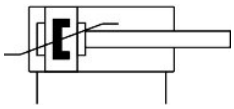
Round cylinder
DSNU-40-25-PPS-A

Part number: 559305





Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	40 mm
Piston rod thread	M12x1.25
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	Via proximity switch
Operating pressure	0.1 MPa...1 MPa 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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Impact energy in the end positions	0.7 J
Cushioning length	18 mm
Theoretical force at 6 bar, retracting	633.3 N
Theoretical force at 6 bar, advancing	752.9 N
Moving mass	270 g
Product weight	721 g
Type of mounting	With accessories
Pneumatic connection	G1/4
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