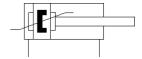
Standard cylinder DSNU-20-80-PPS-A Part number: 559274 ★ Core product range







Data sheet

Feature	Value
Stroke	80 mm
Piston diameter	20 mm
Piston rod thread	M8
Cushioning	PPS: Self-adjusting pneumatic end-position cushioning
Assembly position	Any
Conforms to standard	CETOP RP 52 P
	ISO 6432
Piston-rod end	Male thread
Design structure	Piston
	Piston rod
	Cylinder barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Working pressure	1 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 - Moderate corrosion stress
Ambient temperature	-20 80 °C
Maritime classification	see certificate
Impact energy in end positions	0.2 J
Cushioning length	15 mm
Theoretical force at 6 bar, return stroke	158.3 N
Theoretical force at 6 bar, advance stroke	188.5 N
Moving mass with 0 mm stroke	44 g
Additional weight per 10 mm stroke	7.2 g
Basic weight for 0 mm stroke	186.8 g
Additional mass factor per 10 mm of stroke	4 g
Mounting type	with accessories
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
	neutral anodization
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	High alloy steel, non-corrosive