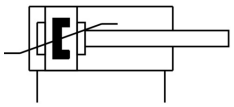
ISO cylinder
DSNU-25-40-PPS-A

Part number: 559283





Data sheet

Feature	Value
Maritime classification	See certificate
Stroke	40 mm
Piston diameter	25 mm
Piston rod thread	M10x1.25
Type code	DSNU
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	Any
Conforms to standard	ISO 6432 CETOP RP 52 P
Piston rod end	External thread
Design	Cylinder barrel Piston rod Piston
Position sensing	For proximity sensor
Symbol	00992970
Variants	Piston rod at one end
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
Impact energy in the end positions	0.3 J
Cushioning length	17 mm
Theoretical force at 6 bar, retracting	247.4 N
Theoretical force at 6 bar, advancing	294.5 N
Moving mass at 0 mm stroke	71 g
Additional weight per 10 mm stroke	11 g
Basic weight with 0 mm stroke	238 g
Additional moving mass per 10 mm stroke	6 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy Plain anodized
Seals material	TPE-U(PU) NBR

Feature	Value
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	High-alloy stainless steel