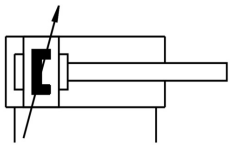
ISO cylinder
DNC-40-50-PPV-A

Part number: 163339





Data sheet

Feature	Value
Maritime classification	See certificate
Stroke	50 mm
Piston diameter	40 mm
Piston rod thread	M12x1.25
Type code	DNC
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Conforms to standard	ISO 15552
Piston rod end	External thread
Design	Profile barrel Piston rod Piston
Position sensing	For proximity sensor
Symbol	00991235
Variants	Piston rod at one end
Operating pressure	0.6 bar ... 12 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	0.2 J
Cushioning length	20 mm
Theoretical force at 6 bar, retracting	633 N
Theoretical force at 6 bar, advancing	754 N
Moving mass at 0 mm stroke	307 g
Additional weight per 10 mm stroke	45 g
Basic weight with 0 mm stroke	800 g
Additional moving mass per 10 mm stroke	16 g
Type of mounting	With accessories With internal thread
Pneumatic connection	G1/4
Note on materials	RoHS-compliant
Cover material	Die-cast aluminum Coated
Seals material	TPE-U(PU)
Piston rod material	High-alloy steel

Feature	Value
Material of cylinder barrel	Wrought aluminum alloy Smooth anodized