

ISO cylinder DSNU-12-100-P-A

Part number: 19194

FESTO



Data sheet

Feature	Value
Maritime classification	See certificate
Stroke	100 mm
Piston diameter	12 mm
Piston rod thread	M6
Short type code	DSNU
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Conforms to standard	CETOP RP 52 P ISO 6432
Piston-rod end	Male thread
Design	Piston Piston rod Cylinder barrel
Position detection	Via proximity switch
Symbol	00991217
Variants	Piston rod at one end
Operating pressure	1.5 bar ... 10 bar
Operating pressure	0.15 MPa ... 1 MPa
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
Ambient temperature	-20 °C ... 80 °C
Impact energy in end positions	0.07 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	50.9 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	67.9 N
Moving mass for 0 mm stroke	18.5 g
Additional weight per 10 mm stroke	4 g
Basic weight for 0 mm stroke	75 g
Additional moving mass per 10 mm stroke	2 g
Type of mounting	With accessories
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy Colourless anodised

Feature	Value
Material seals	NBR TPE-U(PU)
Material piston rod	High-alloy stainless steel
Material cylinder barrel	High-alloy stainless steel