

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
Type code	DSNU
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Conforms to standard	CETOP RP 52 P ISO 6432
Piston rod end	External thread
Design	Piston rod Piston Cylinder barrel
Position sensing	For proximity sensor
Symbol	00991217
Variants	Piston rod at one end
Operating pressure	1.5 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	0.07 J
Theoretical force at 6 bar, retracting	50.9 N
Theoretical force at 6 bar, advancing	67.9 N
Moving mass at 0 mm stroke	18.5 g
Additional weight per 10 mm stroke	4 g
Basic weight with 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
Cover material	Wrought aluminum alloy Plain anodized
Seals material	NBR TPE-U(PU)
Piston rod material	High-alloy stainless steel

Feature	Value
Material of cylinder barrel	High-alloy stainless steel