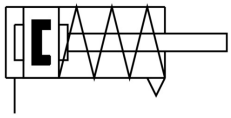
ISO cylinder
ESNU-12-50-P-A

Part number: 19262

FESTO





Data sheet

Feature	Value
Maritime classification	See certificate
Stroke	50 mm
Piston diameter	12 mm
Piston rod thread	M6
Type code	ESNU
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Conforms to standard	ISO 6432 CETOP RP 52 P
Piston rod end	External thread
Design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Symbol	00991729
Variants	Piston rod at one end
Operating pressure	1.5 bar ... 10 bar
Mode of operation	Pushing Single-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, advancing	61 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	Plain anodized Wrought aluminum alloy
Seals material	NBR TPE-U(PU)
Piston rod material	High-alloy stainless steel

Feature	Value
Material of cylinder barrel	High-alloy stainless steel