

# ISO cylinder DSNU-20-80-PPV-A

Part number: 19238

FESTO



## Data sheet

Feature	Value
Maritime classification	See certificate
Stroke	80 mm
Piston diameter	20 mm
Piston rod thread	M8
Type code	DSNU
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Conforms to standard	CETOP RP 52 P ISO 6432
Piston rod end	External thread
Design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Symbol	00991235
Variants	Piston rod at one end
Operating pressure	1 bar ... 10 bar
Operating pressure	0.1 MPa ... 1 MPa
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	15 mm
Theoretical force at 6 bar, retracting	158.3 N
Theoretical force at 6 bar, advancing	188.5 N
Moving mass at 0 mm stroke	44 g
Additional weight per 10 mm stroke	7.2 g
Basic weight with 0 mm stroke	186.8 g
Additional moving mass per 10 mm stroke	4 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy Plain anodized

<b>Feature</b>	<b>Value</b>
Seals material	NBR TPE-U(PU)
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	High-alloy stainless steel