

# Round cylinder DSNU-3/4"-1"-PPV-A

Part number: 546403

FESTO



## Data sheet

Feature	Value
Stroke	25.4 mm
Piston diameter	3/4"
Piston rod thread	5/16-24 UNF-2A
Type code	DSNU
Based on norm	ISO 6432
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Piston rod end	External thread
Design	Piston Piston rod
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	0.19998 J
Cushioning length	17.018 mm
Theoretical force at 6 bar, retracting	158.357 N
Theoretical force at 6 bar, advancing	188.605 N
Moving mass at 0 mm stroke	43.999 g
Additional weight per 10 mm stroke	7.201 g
Basic weight with 0 mm stroke	186.798 g
Additional moving mass per 10 mm stroke	3.997 g
Type of mounting	With accessories
Pneumatic connection	1/8 NPT
Cover material	Wrought aluminum alloy
Seals material	NBR TPE-U(PU)
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	High-alloy stainless steel