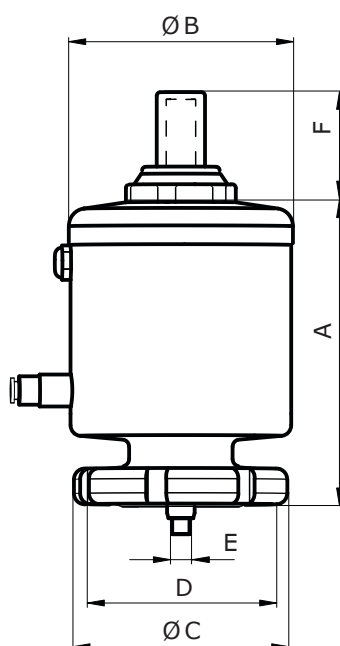


Specification Sheet

NovAseptic® Valve, Pneumatic Plastic Actuator, Normally Closed, NC



Nominal Dimensions in mm (in.)

PA##	A	B	C	D*	E	F	Compatible Valve Body	
							NA##	NU###
PA12	74.5 (2.933)	49.0 (1.929)	47.0 (1.850)	TR40x2	M5	31.0 (1.220)	NA12	NU050
PA18	85.0 (3.346)	65.0 (2.559)	62.0 (2.441)	TR55x2	M5	31.0 (1.220)	NA18	NU075
PA25	105.1 (4.138)	88.0 (3.465)	84.0 (3.307)	TR75x2	M6	31.0 (1.220)	NA25	NU100
PA38	110.6 (4.354)	101.0 (3.976)	94.0 (3.701)	TR85x2	M6	31.0 (1.220)	NA38	NU150
PA51	155.4 (6.118)	117.0 (4.606)	119.0 (4.685)	TR109x2	M6	31.0 (1.220)	NA51	NU200

* Non-standard thread, special thread to fit NovAseptic® actuators.

Specifications

Net Weight (approximate)					
Actuator	PA12	PA18	PA25	PA38	PA51
Weight kg (lb)	0.3 (0.66)	0.7 (1.5)	1.5 (3.31)	2.2 (4.85)	4.4 (9.70)

Material					
	Cover Stainless Steel/Plastic in Compliance with			Indicator Plastic in Compliance with	
Material Code	EN 1.4305/POM C	ASTM® 303/POM C		POM C	

Design Pressure						
		PA12	PA18	PA25	PA38	PA51
Max	bar(g)	6.0	6.0	6.0	6.0	6.0
	(psi(g))	(87)	(87)	(87)	(87)	(87)
Min	bar(g)	-1.0	-1.0	-1.0	-1.0	-1.0
	(psi(g))	(-14)	(-14)	(-14)	(-14)	(-14)

Air Feed Pressure						
		PA12	PA18	PA25	PA38	PA51
Max	bar(g)	7.0	7.0	7.0	7.0	7.0
	(psi(g))	(101)	(101)	(101)	(101)	(101)
Min	bar(g)	5.5	5.5	5.5	5.5	5.5
	(psi(g))	(80)	(80)	(80)	(80)	(80)
Pneumatic Fast Fitting mm (in.)		4 (0.16)	4 (0.16)	6 (0.24)	6 (0.24)	6 (0.24)

Specifications	
Surface Roughness	External surface Ra ≤ 1.6 µm (63 µin)
Environment Temperature	0 to 70 °C (32 to 158 °F)
Note	The valve body can only be used with NovAseptic® diaphragm, actuator, and position indicator (optional). The applied diaphragm and actuator have different design temperature and/or pressure limits. The weakest component in the assembled product determines the maximum operating/design temperature and pressure limits.
Labeling	Each valve body is individually marked for full traceability and heat No. according to our QA routines.
Packaging	All open ends on the valve body are protected with plastic covers on delivery and packaged in a closed box.
Quality Control	Our quality assurance system guarantees the control and traceability at all stages of the manufacturing.
Regulatory	- The NovAseptic® valves, used with gas group 2 and liquid group 1, fall under the art. 4 § 3 of the Pressure Equipment Directive (2014/68/EU). They are not CE marked. They have been designed and manufactured following the sound engineering practices. - NovAseptic® valves follow the applicable ASME BPE guideline sections.
Options	For non-standard NovAseptic® valve body options, please contact us for further information

Technical Assistance

For more information, please visit **SigmaAldrich.com**
for up-to-date worldwide contact information

