

Specification Sheet

NovAseptic® Valve, Spring Closed Valve Seal (for PTFE diaphragm only)

Product Description

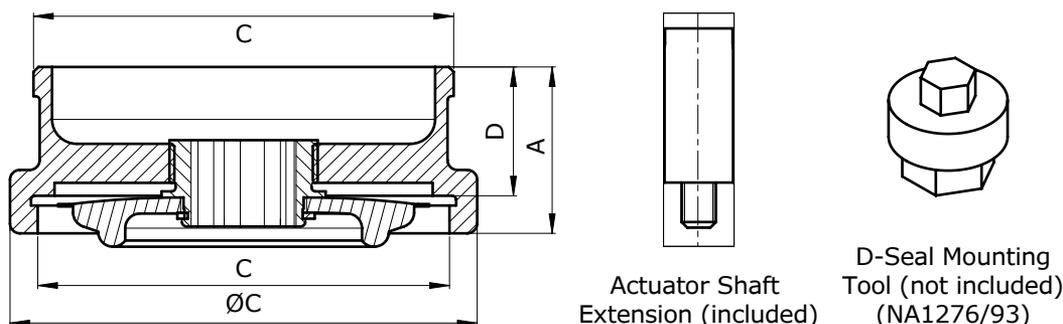
The NovAseptic® valve is specifically designed for aseptic applications and complies with the most stringent cleanability and sterilization requirements. The focus on aseptic design is a significant feature for all valves. A Spring Closed Valve Seal provides additional safety when used along with PTFE diaphragm.

Catalogue No. Structure

NA#/84

NA# = SCVS Model

84 = Catalogue No. for SCVS



Nominal Dimensions in mm (in.)

Catalogue No.	A	B	C	D
NA12/84	27.5 (1.083)	47.0 (1.850)	TR40 x 2	22.5 (0.886)
NA18/84	29.0 (1.142)	62.0 (2.441)	TR55 x 2	22.5 (0.886)
NA25/84	30.0 (1.181)	84.5 (3.327)	TR75 x 2	21.3 (0.839)
NA38/84	34.1 (1.343)	94.5 (3.720)	TR85 x 2	26.4 (1.039)
NA51/84	34.2 (1.346)	119.5 (4.705)	TR109 x 2	26.2 (1.032)
NA76/84	39.4 (1.551)	159.2 (6.268)	TR146 x 2	22.5 (0.886)
				28.4 (1.118)

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

Specifications

Net Weight (approximate)						
Mixer Assembly	NA12	NA18	NA25	NA38	NA51	NA76
Weight kg (lb)	0.3 (0.66)	0.3 (0.66)	0.6 (1.3)	0.8 (1.8)	1.5 (3.3)	3.1 (6.83)

Material						
Mixer Assembly	NovAseptic® Spring Closed Valve Seal Body					
Material Code	SS2346		EN 1.4305		ASTM® 303	
Valve Seal	NA12	NA18	NA25	NA38	NA51	NA76
Weight kg (lb)	0.1 (0.22)	0.2 (0.44)	0.4 (0.88)	0.8 (1.8)	1.4 (3.09)	4.3 (9.48)

Valve Seal Spare Parts (optional)			
Valve Seal—Catalogue No.	Actuator Shaft Extension—Catalogue No.	Specification Sheet—Lit. No.	
NA12/84		NA12/84-4	—
NA18/84		NA18/84-4	—
NA25/84		NA25/84-4	—
NA38/84		NA38/84-4	—
NA51/84		NA51/84-4	—
NA76/84		NA76/84-4	—

Valve Seal Accessory Parts (not included)		
	Valve Seal—Catalogue No.	Specification Sheet—Lit. No.
Tightening Tool for Locking Ring	NA#/90	SP1161EN00
D-Seal Tightening Tool	NA1276/93	—

Specifications	
Dynamometric Wrench	A dynamometric wrench is needed for installation.
Environment Temperature*	0 to 140 °C (32 to 284 °F). SCVS may not be used repeatedly inside an autoclave.
Design Pressure*	-1 to 6 bar(g) (-14.5 to 87.0 psi(g)).
Labeling	Each NovAseptic® Spring Closed Valve Seal is labeled for full LOT traceability according to our QA routines.
Packaging	The NovAseptic® Spring Closed Valve Seal is packaged in a closed box.
Quality Control	Our quality assurance system guarantees the control and traceability of the product.
Options	For non-standard product, please contact your local sales representative for further information.

*Note: The applied valve body, diaphragm, and actuator may have different design temperature and/or pressure limits. The weakest component in the assembled product determines the maximum design temperature and pressure limits.

Technical Assistance

For more information, please visit [SigmaAldrich.com](https://www.SigmaAldrich.com) for up-to-date worldwide contact information

