

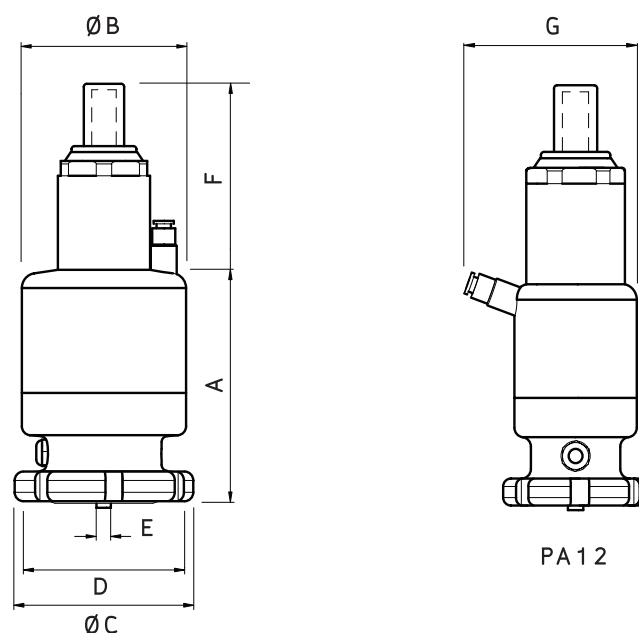
# NovAseptic® VALVE PNEUMATIC STAINLESS STEEL ACTUATOR, NORMALLY OPEN (NO)

## PRODUCT DESCRIPTION

NovAseptic actuators are designed to work with all valve bodies. The valves may be used either in a Normally Open or Normally Closed position, depending on the requirements of the process. The actuator is attached with a simple locking ring. Both metric and english press fit connection fittings are included in the packaging for your convenience.

PA##/100

### Pneumatic Stainless Steel Actuator, Normally Open Configuration



## Nominal Dimensions in mm (in.)

| PA## | A                | B                | C                | D*      | E  | F               | G               | NA## | NU### |
|------|------------------|------------------|------------------|---------|----|-----------------|-----------------|------|-------|
| PA12 | 69.7<br>(2.744)  | 40.0<br>(1.575)  | 47.0<br>(1.850)  | TR40x2  | M5 | 62.7<br>(2.469) | 56.0<br>(2.205) | NA12 | NU050 |
| PA18 | 78.0<br>(3.071)  | 57.0<br>(2.244)  | 62.0<br>(2.441)  | TR55x2  | M5 | 62.7<br>(2.469) | —               | NA18 | NU075 |
| PA25 | 95.1<br>(3.744)  | 72.0<br>(2.835)  | 84.0<br>(3.307)  | TR75x2  | M6 | 62.7<br>(2.469) | —               | NA25 | NU100 |
| PA38 | 100.8<br>(3.969) | 85.0<br>(3.346)  | 94.0<br>(3.701)  | TR85x2  | M6 | 62.7<br>(2.469) | —               | NA38 | NU150 |
| PA51 | 143.3<br>(5.642) | 102.0<br>(4.016) | 120.0<br>(4.724) | TR109x2 | M6 | 62.7<br>(2.469) | —               | NA51 | NU200 |

\*Note: Non-standard thread, Actuator specific.

## Specifications

| Net Weight (approximate) |           |            |            |            |            |
|--------------------------|-----------|------------|------------|------------|------------|
| Actuator                 | PA12      | PA18       | PA25       | PA38       | PA51       |
| Weight kg (lb)           | 0.6 (1.3) | 1.1 (2.43) | 1.9 (4.19) | 2.5 (5.51) | 4.8 (10.6) |

| Material      |                                             |           |                                         |  |  |
|---------------|---------------------------------------------|-----------|-----------------------------------------|--|--|
|               | Cover<br>Stainless steel in compliance with |           | Indicator<br>Plastic in compliance with |  |  |
| Material Code | EN 1.4305                                   | ASTM® 303 | POM C                                   |  |  |

| Design Pressure          |             |             |             |             |             |
|--------------------------|-------------|-------------|-------------|-------------|-------------|
|                          | PA12        | PA18        | PA25        | PA38        | PA51        |
| Maximum bar(g)<br>psi(g) | 6.0<br>87   | 6.0<br>87   | 6.0<br>87   | 6.0<br>87   | 6.0<br>87   |
| Minimum bar(g)<br>psi(g) | -1.0<br>-14 | -1.0<br>-14 | -1.0<br>-14 | -1.0<br>-14 | -1.0<br>-14 |

| Air Feed Pressure               |            |            |            |            |            |
|---------------------------------|------------|------------|------------|------------|------------|
|                                 | PA12       | PA18       | PA25       | PA38       | PA51       |
| Maximum bar(g)<br>psi(g)        | 7.0<br>101 | 7.0<br>101 | 7.0<br>101 | 7.0<br>101 | 7.0<br>101 |
| Minimum bar(g)<br>psi(g)        | 5.5<br>80  | 5.5<br>80  | 5.5<br>80  | 5.5<br>80  | 5.5<br>80  |
| Pneumatic Fast Fitting mm (in.) | 4 (1/8)    | 4 (1/8)    | 6 (1/4)    | 6 (1/4)    | 6 (1/4)    |

| Specifications          |                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surface Roughness       | External surface Ra ≤ 1.6 <sub>μ</sub> m (63 <sub>in</sub> )                                                                                                                                                                                              |
| Environment Temperature | 0 °C to 70 °C (32 °F to 158 °F)<br>Note! The applied valve body and diaphragm may have different design temperature and/or pressure limits. The weakest component in the assembled product determines the maximum design temperature and pressure limits. |
| Labeling                | Each Actuator is labeled for full LOT traceability according to Millipore QA routines.                                                                                                                                                                    |
| Packaging               | The Actuator is packaged in a closed box.                                                                                                                                                                                                                 |
| Quality Control         | Millipore Quality Assurance System guarantees the control and traceability of the product.                                                                                                                                                                |
| Options                 | For non-standard NovAseptic Actuator Options, please contact Millipore for further information.                                                                                                                                                           |

## TO PLACE AN ORDER OR RECEIVE TECHNICAL ASSISTANCE

For additional information call your nearest Millipore office:

In the U.S. and Canada, call toll-free  
**1-800-MILLIPORE (1-800-645-5476)**

In the U.S., Canada and Puerto Rico, fax orders to  
**1-800-MILLIFX (1-800-645-5439)**

Outside of North America contact your local office.

To find the office nearest you: [www.millipore.com/offices](http://www.millipore.com/offices)

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Specifications are subject to change without notice.

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