

# RegO<sup>®</sup> Excess Flow Valve NG303

## Application

For use with LNG liquid lines as an effective shut-off when an excess flow condition occurs downstream to prevent uncontrolled release of system media.

## Features

- Materials selected specifically for compatibility with LNG
- Poppet design provides high-flow capacity
- Design allows spring to reset poppet automatically when system pressure equalizes
- Maximum inlet pressure: 4MPa
- Temperature range: -320° F to 165° F
- Designed in accordance with & approved by ECE R110
- 100% factory tested

## Materials

|                             |                 |
|-----------------------------|-----------------|
| Body (NG303B Series).....   | Brass           |
| Body (NG303S Series).....   | Stainless Steel |
| Spring .....                | Stainless Steel |
| Poppet (NG303B Series)..... | Brass           |
| Poppet (NG303S Series)..... | Stainless Steel |
| Bonnet .....                | Stainless Steel |

## Configuration Options

- NG303XYZ
- X is a Material option
- Y is a Connection option
- Z is a Poppet orifice size option
- Currently have 24 configuration options:
  - 2 materials
  - 4 connections
  - 3 poppet sizes

## Ordering Information

| Part Number | Inlet | Outlet       | Poppet Orifice<br>inch (mm) | Ferrule Nut Hex<br>inches (mm) | Length    | Closing Flow  |          |
|-------------|-------|--------------|-----------------------------|--------------------------------|-----------|---------------|----------|
| NG303B      | 3/8"  | 10mm Tube    | .079 (2.0)                  | .750 (19)                      | 2.9 (74)  | 3.5 - 5.5 GPM |          |
| NG303B1A    |       |              | .059 (1.5)                  |                                |           |               |          |
| NG303B1B    |       |              | .031 (0.8)                  |                                |           |               |          |
| NG303B3     |       |              | 0.79 (2.0)                  |                                |           |               |          |
| NG303B3A    |       |              | .059 (1.5)                  |                                |           |               |          |
| NG303B3B    |       |              | .031 (0.8)                  |                                |           |               |          |
| NG303B3M270 |       | 3M27 x 2 THD | 0.79 (2.0)                  | N/A                            | 2.8 (71)  |               |          |
| NG303B3M27A |       |              | .059 (1.5)                  |                                |           |               |          |
| NG303B3M27B |       |              | .031 (0.8)                  |                                |           |               |          |
| NG303BN030  |       | 3/8" NPT THD | 0.79 (2.0)                  | N/A                            | 2.8 (71)  |               |          |
| NG303BN03A  |       |              | .059 (1.5)                  |                                |           |               |          |
| NG303BN03B  |       |              | .031 (0.8)                  |                                |           |               |          |
| NG303S      |       | 3/8"         | 10mm Tube                   | 0.79 (2.0)                     | .750 (19) |               | 2.9 (74) |
| NG303S1A    |       |              |                             | .059 (1.5)                     |           |               |          |
| NG303S1B    |       |              |                             | .031 (0.8)                     |           |               |          |
| NG303S3     |       |              |                             | 0.79 (2.0)                     |           |               |          |
| NG303S3A    |       |              |                             | .059 (1.5)                     |           |               |          |
| NG303S3B    |       |              |                             | .031 (0.8)                     |           |               |          |
| NG303SM270  |       |              | 3M27 x 2 THD                | 0.79 (2.0)                     | N/A       |               | 2.8 (71) |
| NG303SM27A  |       |              |                             | .059 (1.5)                     |           |               |          |
| NG303SM27B  |       |              |                             | .031 (0.8)                     |           |               |          |
| NG303SN30   |       |              | 3/8" NPT THD                | 0.79 (2.0)                     | N/A       |               | 2.8 (71) |
| NG303SN3A   |       |              |                             | .059 (1.5)                     |           |               |          |
| NG303SN3B   |       |              |                             | .031 (0.8)                     |           |               |          |



NG303

