



| Ref. | Dimensions (mm) |
|------------------------|-----------------|
| Flange | F12 - F16 |
| C x depth | M12x18 |
| D x depth | M20x30 |
| E | 125 |
| F | 165 |
| B | 46 |
| O | 48.5 |
| A | 1068 |
| G | 18.5 |
| I | 32 |
| L | 237.7 |
| M | 114.7 |
| N | 123 |
| P | 93 |
| Q | 114.7 |
| R | 46 |
| S | 30 |
| T | 207.7 |
| U | 414 |
| V | 400 |
| Y | 382.9 |
| W | 1/4" GAS |
| Z | 653.7 |
| Ch 1 | 36 |
| Ch 2 | 40 |
| Ancillaries Attachment | AA2 |

Function



Spring return Actuators Normally Closed (N.C.) - Output Torque related to rotation angle , in Nm (0°valve closed 90° valve open)

| Spring Torque | | | | Air pressure supply in bar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-----|-----|-----|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|-----|------|-----|-----|------|-----|------|------|------|------|
| SIZE | 0° | 50° | 90° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 2,4 | | | 2,8 | | | 3 | | | 3,5 | | | 4,2 | | | 5 | | | 5,6 | | | 6 | | | 7 | | | 8 | | |
| | 0° | 50° | 90° | 0° | 50° | 90° | 0° | 50° | 90° | 0° | 50° | 90° | 0° | 50° | 90° | 0° | 50° | 90° | 0° | 50° | 90° | 0° | 50° | 90° | 0° | 50° | 90° | 0° | 50° | 90° | | | |
| 2,8 | 320 | 240 | 480 | 366 | 171 | 206 | 480 | 240 | 320 | 537 | 274 | 377 | 680 | 360 | 520 | 880 | 480 | 720 | | | | | | | | | | | | | | | |
| 3,5 | 400 | 300 | 600 | | | | | | | | 457 | 214 | 257 | 600 | 300 | 400 | 800 | 420 | 600 | 1029 | 557 | 829 | 1200 | 660 | 1000 | | | | | | | | |
| 4,2 | 480 | 360 | 720 | | | | | | | | | | 520 | 240 | 280 | 720 | 360 | 480 | 949 | 497 | 709 | 1120 | 600 | 880 | 1234 | 669 | 994 | 1520 | 840 | 1280 | 1806 | 1011 | 1566 |
| 5,6 | 640 | 480 | 960 | | | | | | | | | | | | | | | | 789 | 377 | 469 | 960 | 480 | 640 | 1074 | 549 | 754 | 1360 | 720 | 1040 | 1646 | 891 | 1326 |

Technical Data

| Max Pressure | ** Min Pressure | Rotation | Stroke Adjustment | Screw Stroke Adjustment | *Moving time (sec.) | | Operating temperature (°C) |
|--------------|-----------------|-----------------|-------------------|-------------------------|---------------------|---------|--|
| | | | | | Opening | Closing | |
| 8.4 bar | 1 bar | 92° -1° +91° | Not available | - | 2.9 | 3.4 | Standard -20°C +80°C High temperature -20°C +150°C Low temperature -50°C +60°C |

| Weight Kg | Chamber Ø (mm) | Air volume L/cycle | Theoretical n° of turns to close/open starting from neutral position | Rim pull force (N) to obtain the nominal torque | Maximum flange torque values |
|-----------|----------------|--------------------|--|---|--------------------------------|
| 50.6 | 160 | 5.66 | 26 | 162.5 | F12 = 1000 Nm F16 = 4000 Nm |

**** Attention:**
for "High Temperature"
and "Low Temperature" version,
the Min Pressure is 3 bar.

*The moving time could vary on different operating and installation factors .

Operating Medium

The operating medium shall have a dew point equal to - 20 °C or, to be at least, 10 °C below the ambient temperature (ISO 8573-1, Class 3).
The maximum particle size shall not exceed 40 µm (ISO 8573-1, Class 5).