



All the dimensions are in mm .

| Ref. | Dimensions |
|-----------|------------|
| Flange | F07 F10 |
| C x depth | M8x12 |
| D x depth | M10x15 |
| E | 70 |
| F | 102 |
| B | 22 |
| O | 24.8 |
| A | 409.6 |
| G | 17 |
| H (bore) | 60.1 |
| I | 15 |
| L | 141.1 |
| M | 60.1 |
| N | 81 |
| P | 51 |
| Q | 60.1 |
| R | 22.5 |
| S | 30 |
| T | 111.1 |
| W | 1/8" GAS |
| Ch | 22 |

**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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|----------------------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|-------|------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|--|--|
| | 2,4 | | | 2,8 | | | 3 | | | 3,5 | | | 4,2 | | | 5 | | | 5,6 | | | 6 | | | 7 | | | 8 | | | | | | | |
| SIZE | 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 | 40,0 | 30,0 | 60,0 | 45,7 | 21,4 | 25,7 | 60,0 | 30,0 | 40,0 | 67,1 | 34,3 | 47,1 | 85,0 | 45,0 | 65,0 | 110,0 | 60,0 | 90,0 | | | | | | | | | | | | | | | | | |
| 3,5 | 50,0 | 37,5 | 75,0 | | | | | | | 57,1 | 26,8 | 32,1 | 75,0 | 37,5 | 50,0 | 100,0 | 52,5 | 75,0 | 128,6 | 69,6 | 103,6 | 150,0 | 82,5 | 125,0 | | | | | | | | | | | |
| 4,2 | 60,0 | 45,0 | 90,0 | | | | | | | | | | 65,0 | 30,0 | 35,0 | 90,0 | 45,0 | 60,0 | 118,6 | 62,1 | 88,6 | 140,0 | 75,0 | 110,0 | 154,3 | 83,6 | 124,3 | 190,0 | 105,0 | 160,0 | 225,7 | 126,4 | 195,7 | | |
| 5,6 | 80,0 | 60,0 | 120,0 | | | | | | | | | | | | | | | | 98,6 | 47,1 | 58,6 | 120,0 | 60,0 | 80,0 | 134,3 | 68,6 | 94,3 | 170,0 | 90,0 | 130,0 | 205,7 | 111,4 | 165,7 | | |

Technical Data

| Max Pressure | ** Min Pressure | Rotation | Stroke Adjustment | Screw Stroke Adjustment | *Moving time (sec.) | | Operating temperature (°C) | |
|--------------|-----------------|--------------------|--|-------------------------------------|---------------------|---------|--|-----------|
| | | | | | Opening | Closing | | |
| 8.4 bar | 2.4 bar | 92° -1° +91° | 10 ° | For 1° drive Need 1/2 turn screw | 0.79 | 0.92 | 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 | Spring return Actuator with spring force 2.8 , is manufactured with only one spring cap and normal end cap (available only in standard version). | | | | A1 | Weight Kg |
| 6.5 | 80 | 0.8 | | | | | 361.6 | 5.8 |

*The moving time depend on different operating end installation factors .

**Attention: for "High Temperature" and "Low Temperature" version, the Min Pressure is 3.5 bar.