



| Ref. | Dimensions |
|-----------|------------|
| Flange | F14 |
| D x depth | M16x24 |
| F | 140 |
| B | 46 |
| O | 48.5 |
| A | 828 |
| G | 18.5 |
| H (hole) | 99.2 |
| I | 32 |
| L | 237.7 |
| M | 114.7 |
| N | 123 |
| P | 93 |
| Q | 114.7 |
| R | 46 |
| S | 30 |
| T | 207.7 |
| W | 1/4" GAS |
| Ch | 36 |

All the dimensions are in mm .

**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 | 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 | 2.4 bar | 92° -1° +91° | 10 ° | For 1° drive Need 2/3 turn screw | 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 | 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 |
| 41 | 160 | 5.9 | | | | | 714.4 | 36 |

*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.