



| Ref. | Dimensions (mm) |
|------------------------|-----------------|
| Flange | F14 |
| D x depth | M16x24 |
| F | 140 |
| B | 46 |
| O | 48.5 |
| A | 601 |
| G | 18.5 |
| H (bore) | 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 |
| Ancillaries Attachment | AA2 |

**Double Acting Actuators - Output Torque related to rotation angle , in Nm
(0°valve closed 90°valve open)**

| ROTATION ANGLE | Air pressure supply in bar | | | | | | | |
|----------------|----------------------------|--------|--------|--------|--------|--------|--------|--------|
| | 2,5 | 3 | 4 | 5 | 5,6 | 6 | 7 | 8 |
| 0° | 857.1 | 1028.6 | 1371.4 | 1714.3 | 1920.0 | 2057.1 | 2400.0 | 2742.9 |
| 50° | 428.6 | 514.3 | 685.7 | 857.1 | 960.0 | 1028.6 | 1200.0 | 1371.4 |
| 90° | 642.9 | 771.4 | 1028.6 | 1285.7 | 1440.0 | 1542.9 | 1800.0 | 2057.1 |

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° | 10 ° | For 1° drive Need 3/4 turn screw | 3.1 | 3.2 | 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 | Maximum flange torque values |
|-----------|----------------|--------------------|------------------------------|
| 32 | 160 | 10.5 | F14 = 2000 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 85731, Class 3).
The maximum particle size shall not exceed 40 µm (ISO 8573-1, Class 5).