



| Ref. | Dimensions (mm) |
|------------------------|-----------------|
| Flange | F05 - F07 |
| C x depth | M6x9 |
| D x depth | M8x12 |
| E | 50 |
| F | 70 |
| B | 17 |
| O | 19.3 |
| A | 410.5 |
| G | 13 |
| I | 12 |
| L | 107 |
| M | 46.8 |
| N | 60.2 |
| P | 40.2 |
| Q | 46.8 |
| R | 18 |
| S | 20 |
| T | 87 |
| U | 122.1 |
| V | 180 |
| Y | 163.9 |
| W | 1/8" GAS |
| Z | 288.4 |
| Ch 1 | 17 |
| Ch 2 | 28 |
| Ancillaries Attachment | AA1 |

Double Acting Actuators - Output Torque related to rotation angle , in Nm

| ROTATION ANGLE | Air pressure supply in bar | | | | | | | |
|----------------|----------------------------|------|------|-------|------|-------|-------|-------|
| | 2,5 | 3 | 4 | 5 | 5,6 | 6 | 7 | 8 |
| 0° | 53.6 | 64.3 | 85.7 | 107.1 | 120 | 128.6 | 150.0 | 171.4 |
| 50° | 26.8 | 32.1 | 42.9 | 53.6 | 60.0 | 64.3 | 75.0 | 85.7 |
| 90° | 40.2 | 48.2 | 64.3 | 80.4 | 90.0 | 96.4 | 112.5 | 128.6 |

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 | - | 0.15 | 0.15 | 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 |
|-----------|----------------|--------------------|--|---|------------------------------|
| 4.5 | 63 | 0.76 | 14 | 33.8 | F05 = 125 Nm F07 = 250 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).