



**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°	1714.3	2057.1	2742.9	3428.6	3840.0	4114.3	4800.0	5485.7
50°	857.1	1028.6	1371.4	1714.3	1920.0	2057.1	2400.0	2742.9
90°	1285.7	1542.9	2057.1	2571.4	2880.0	3085.7	3600.0	4114.3

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	-	2.09	1.68	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
75	208	25.77	30	243.5	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).