



**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°	3571,4	4285,7	5714,3	7142,9	8000,0	8571,4	10000,0	-
50°	1785,7	2142,9	2857,1	3571,4	4000,0	4285,7	5000,0	-
90°	2678,6	3214,3	4285,7	5357,1	6000,0	6428,6	7500,0	-

Technical Data

Max Pressure	** Min Pressure	Rotation	Stroke Adjustment	Screw Stroke Adjustment	*Moving time (sec.)		Operating temperature (°C)
					Opening	Closing	
7 bar	1 bar	100° -5° +95°	10 °	For 1° drive Need 3/4 turn screw	11	11	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
106	290	50	F25 = 8000 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).