



**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°	2571.4	3085.7	4114.3	5142.9	5760.0	6171.4	7200.0	8228.6
50°	1285.7	1542.9	2057.1	2571.4	2880.0	3085.7	3600.0	4114.3
90°	1928.6	2314.3	3085.7	3857.1	4320.0	4628.6	5400.0	6171.4

**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	100° -5° +95°	10 °	For 1° drive Need 3/4 turn screw	8	8	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
86	240	35.22	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 85731, Class 3).  
The maximum particle size shall not exceed 40 µm (ISO 8573-1, Class 5).