



Spring return Actuators Normally Closed (N.C.) - Output Torque related to rotation angle , in Nm  
( 0°valve closed 90° valve open )

Spring Torque	Air pressure supply in bar																																
	0°			2,4			2,8			3			3,5			4,2			5			5,6			6			7			8		
	0°	50°	90°	0°	50°	90°	0°	50°	90°	0°	50°	90°	0°	50°	90°	0°	50°	90°	0°	50°	90°	0°	50°	90°	0°	50°	90°	0°	50°	90°			
<b>2,4</b>	411	308	617	617	308	411	788	411	582	874	462	668	1088	590	882	1388	770	1182															
<b>3,5</b>	600	450	900							686	321	386	900	450	600	1200	630	900	1543	836	1243	1800	990	1500									
<b>5,6</b>	960	720	1440																1183	566	703	1440	720	960	1611	823	1131	2040	1080	1560	2469	1337	1989

Technical Data

Max Pressure	** Min Pressure	Rotation	Stroke Adjustment	Screw Stroke Adjustment	*Moving time (sec.)		Operating temperature (°C)
					Opening	Closing	
8.4 bar	2.4 bar	100° -5° +95°	10 °	For 1° drive Need 9/8 turn screw	5	6	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
74	240	11	F16 = 4000 Nm

\*The moving time could vary on different operating and installation factors.

\*\*Attention: "Low Temperature" version is not available with 2.4 spring torque size and the Min Pressure is 3.5 bar.

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).