



All the dimensions are in mm.

Ref.	Dimensions
Flange	F05 F07
C x depth	M6x10
D x depth	M8x14
E	50
F	70
B	17
O	19.3
A1	376.2
G	17
H (bore)	66.1
I	15
L	136.4
M	56.1
N	80.3
P	60.2
Q	56.8
R	22.5
S	30
T	106.4
X	117
W	1/8" GAS

**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																																		
	2,4			2,8			3			3,5			4,2			5			5,6			6			7			8							
SIZE	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°					
2,8	40.0	30.0	60.0	45.7	21.4	25.7	60.0	30.0	40.0	67.1	34.3	47.1	85.0	45.0	65.0	110.0	60.0	90.0																	
3,5	50.0	37.5	75.0							57.1	26.8	32.1	75.0	37.5	50.0	100.0	52.5	75.0	128.6	69.6	103.6	150.0	82.5	125.0											
4,2	60.0	45.0	90.0										65.0	30.0	35.0	90.0	45.0	60.0	118.6	62.1	88.6	140.0	75.0	110.0	154.3	83.6	124.3	190.0	105.0	160.0	225.7	126.4	195.7		
5,6	80.0	60.0	120.0																98.6	47.1	58.6	120.0	60.0	80.0	134.3	68.6	94.3	170.0	90.0	130.0	205.7	111.4	165.7		

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	92° -1° +91°	-	-	0.79	0.92	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	Spring return Actuator with spring force 2.8 , is manufactured with only one spring cap and normal end cap (available only in standard version).				A2	Weight Kg
7.6	80	0.7					311.5	6.6

*The moving time depend on different operating end installation factors .

**Attention: for "High Temperature" and "Low Temperature" version, the Min Pressure is 3.5 bar.