



All the dimensions are in mm.

Ref.	Dimensions
Flange	F03 F05
C x depth	M5x8
D x depth	M6x10
E	36
F	50
B	11
O	12.1
A1	246.2
G	13
H (bore)	47.2
I	10
L	92.4
M	37.6
N	54.8
P	41.1
Q	39.2
R	14.5
S	20
T	72.4
X	80.3
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	10.0	7.5	15.0	11.4	5.4	6.4	15.0	7.5	10.0	16.8	8.6	11.8	21.3	11.3	16.3	27.5	15.0	22.5																
3,5	12.5	9.4	18.8							14.3	6.7	8.0	18.8	9.4	12.5	25.1	13.2	18.8	32.2	17.5	25.9	37.6	20.7	31.3										
4,2	15.0	11.3	22.5										16.3	7.5	8.8	22.5	11.3	15.0	29.6	15.6	22.1	35.0	18.8	27.5	38.6	21.0	31.1	47.5	26.4	40.0	56.4	31.7	48.9	
5,6	20.0	15.0	30.0																24.6	11.8	14.6	30.0	15.0	20.0	33.6	17.1	23.6	42.5	22.5	32.5	51.4	27.9	41.4	

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°	-	-	0.23	0.27	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
2.4	50	0.16					202.3	2.1

*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.