



Ref.	Dimensions
Flange	F07 F10
C x depth	M8x12
D x depth	M10x15
E	70
F	102
B	22
O	24.8
A	393.7
G	16
H (bore)	56.5
I	15
L	137.5
M	56.5
N	81
P	51
Q	56.5
R	20.2
S	30
T	107.5
W	1/8" GAS
Ch	22

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					
	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	30.0	22.5	45.0	34.3	16.1	19.3	45.0	22.5	30.0	50.4	25.7	35.4	63.8	33.8	48.8	82.5	45.0	67.5															
3,5	37.5	28.1	56.3							42.9	20.1	24.1	56.3	28.1	37.5	75.1	39.4	56.3	96.5	52.2	77.7	112.6	61.9	93.8									
4,2	45.0	33.9	67.5										48.8	22.6	26.3	67.5	33.9	45.0	88.9	46.8	66.4	105.0	56.5	82.5	115.7	63.0	93.2	142.5	79.1	120.0	169.3	95.2	146.8
5,6	60.0	45.0	90.0																73.9	35.4	43.9	90.0	45.0	60.0	100.7	51.4	70.7	127.5	67.5	97.5	154.3	83.6	124.3

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°	10 °	For 1° drive Need 1/3 turn screw	0.6	0.7	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).				A1	Weight Kg
5.6	72	0.55					341.8	5

*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.