



Ref.	Dimensions
Flange	F12 F16
C x depth	M12x18
D x depth	M20x30
E	125
F	165
B	46
O	48.5
A	828
G	18.5
H (bore)	99.2
I	32
L	237.7
M	114.7
N	123
P	93
Q	114.7
R	46
S	30
T	207.7
W	1/4" GAS
Ch	36

**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	320	240	480	366	171	206																												
3,5	400	300	600							457	214	257	600	300	400	800	420	600	1029	557	829	1200	660	1000										
4,2	480	360	720										520	240	280	720	360	480	949	497	709	1120	600	880	1234	669	994	1520	840	1280	1806	1011	1566	
5,6	640	480	960																789	377	469	960	480	640	1074	549	754	1360	720	1040	1646	891	1326	

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 2/3 turn screw	2.9	3.4	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
41	160	5.9					714.4	36

*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.