



Ref.	Dimensions (mm)
Flange	F05 – F07
C x depth	M6x9
D x depth	M8x12
E	50
F	70
B	17
O	19.3
A	457.7
G	13
I	12
L	107
M	46.8
N	60.2
P	40.2
Q	46.8
R	18
S	20
T	87
U	169.3
V	180
Y	163.9
W	1/8" GAS
Z	288.4
Ch 1	17
Ch 2	28
Ancillaries Attachment	AA1

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																																	
SIZE	0°	50°	90°	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	20,0	15,0	30,0	22,9	10,7	12,9	30,0	15,0	20,0	33,6	17,1	23,6	42,5	22,5	32,5	55,0	30,0	45,0																			
3,5	25,0	18,8	37,5							28,6	13,4	16,1	37,5	18,8	25,0	50,0	26,3	37,5	64,3	34,9	51,8	75,0	41,4	62,5													
4,2	30,0	22,5	45,0										32,5	15,0	17,5	45,0	22,5	30,0	59,3	31,1	44,3	70,0	37,5	55,0	77,1	41,8	62,1	95,0	52,5	80,0	112,9	63,2	97,9				
5,6	40,0	30,0	60,0																49,3	23,6	29,3	60,0	30,0	40,0	67,1	34,3	47,1	85,0	45,0	65,0	102,9	55,7	82,9				

Technical Data

Max Pressure	** Min Pressure	Rotation	Stroke Adjustment	Screw Stroke Adjustment	*Moving time (sec.)		Operating temperature (°C)
					Opening	Closing	
8.4 bar	1 bar	92° -1° +91°	Not available	-	0.48	0.56	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	Theoretical n° of turns to close/open starting	Rim pull force (N) to obtain the nominal	Maximum flange torque values		
5.3	63	0.34	14	33.8	F05 = 125 Nm F07 = 250 Nm		

****Attention:**
for "High Temperature"
and "Low Temperature" version,
the Min Pressure is 3 bar.

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

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).