



Ref.	Dimensions (mm)
Flange	F05 - F07
C x depth	M6x9
D x depth	M8x12
E	50
F	70
B	17
O	19.3
A	431.8
G	13
I	12
L	103.3
M	44.8
N	58.5
P	38.5
Q	44.8
R	16.2
S	20
T	83.3
U	152.1
V	180
Y	154.8
w	1/8" GAS
Z	279.7
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°	Air pressure supply in bar																														
				2,4	2,8	3	3,5	4,2	5	5,6	6	7	8																					
2,8	17,5	13,0	26,5	20,2	9,3	11,2	26,5	13,0	17,5	29,6	14,9	20,6	37,5	19,5	28,5	48,5	26,0	39,5																
3,5	22,0	16,5	33,0							25,1	11,8	14,1	33,0	16,5	22,0	44,0	23,1	33,0	56,6	30,6	45,6	66,0	36,3	55,0										
4,2	26,0	19,5	40,0											29,0	13,0	15,0	40,0	19,5	26,0	52,6	26,9	38,6	62,0	32,5	48,0	68,3	36,2	54,3	84,0	45,5	70,0	99,7	54,8	85,7
5,6	35,0	26,0	53,0																43,6	20,4	25,6	53,0	26,0	35,0	59,3	29,7	41,3	75,0	39,0	57,0	90,7	48,3	72,7	

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	-	0.41	0.48	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 from neutral position	Rim pull force (N) to obtain the nominal torque	Maximum flange torque values
4.5	60	0.29	13	27.8	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).