



Function



Ref.	Dimensions (mm)
Flange	F05 - F07
C x depth	M6x9
D x depth	M8x12
E	50
F	70
B	14
O	16.5
A	198
G	13
H (bore)	37.7
I	10
L	90.4
M	37.7
N	52.7
P	32.7
Q	37.7
R	14.5
S	20
T	70.4
W	1/8" GAS
Ch	13
Ancillaries Attachment	AA1

**Double Acting Actuators - Output Torque related to rotation angle , in Nm
(0°valve closed 90°valve open)**

ROTATION ANGLE	Air pressure supply in bar							
	2,5	3	4	5	5,6	6	7	8
0°	26.8	32.1	42.9	53.6	60	64.3	75	85.7
50°	13.4	16.1	21.4	26.8	30	32.1	37.5	42.9
90°	20.1	24.1	32.1	40.2	45	48.2	56.3	64.3

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°	10 °	For 1° drive Need 1/3 turn screw	0.10	0.11	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	Maximum flange torque values
1.6	50	0.31	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 85731, Class 3).
The maximum particle size shall not exceed 40 µm (ISO 8573-1, Class 5).