



Function



Ref.	Dimensions (mm)
Flange	F03 - F05
C x depth	M5x8
D x depth	M6x9
E	36
F	50
B	11
O	13.2
A	188.5
G	13
H (bore)	32.5
I	10
L	84.5
M	34.5
N	50
P	30
Q	34.5
R	12.7
S	20
T	64.5
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°	20,1	24,1	32,1	40,2	45	48,2	56,3	64,3
50°	10,0	12,1	16,1	20,1	22,5	24,1	28,1	32,1
90°	15,1	18,1	24,1	30,1	33,5	36,2	42,2	48,2

**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	0.08	0.09	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
1.2	45	0.22	F03 = 32 Nm F05 = 125 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).