



Function



Ref.	Dimensions (mm)
Flange	F05 - F07
C x depth	M6x9
D x depth	M8x12
E	50
F	70
B	17
O	19.3
A	257.4
G	13
H (bore)	44.8
I	12
L	107
M	46.8
N	60.2
P	40.2
Q	46.8
R	18
S	20
T	87
W	1/8" GAS
Ch	17
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°	53.6	64.3	85.7	107.1	120	128.6	150	171.4
50°	26.8	32.1	42.9	53.6	60	64.3	75	85.7
90°	40.2	48.2	64.3	80.4	90	96.4	112.5	128.6

**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	0.25	0.25	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
2.6	63	0.63	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).