



Ref.	Dimensions (mm)
Flange	F07 - F10
C x depth	M8x18
D x depth	M10x15
E	70
F	102
B	22
O	24.8
A	483.6
G	16
I	15
L	137.5
M	56.5
N	81
P	51
Q	56.5
R	20.2
S	30
T	107.5
U	144.9
V	220
Y	183.5
W	1/8" GAS
Z	338.7
Ch 1	22
Ch 2	28
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°	80.4	96.4	128.6	160.7	180	192.9	225	257.1
50°	40.2	48.2	64.3	80.4	90	96.4	112.5	128.6
90°	60.3	72.3	96.4	120.5	135	144.6	168.8	192.9

**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	-	0.20	0.21	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
6	72	1.14	16	44.1	F07 = 250 Nm F10 = 500 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).