



Ref.	Dimensions (mm)
Flange	F10 – F12
C x depth	M10x15
D x depth	M12x18
E	102
F	125
B	27
O	29.5
A	721.1
G	19.5
I	22
L	178
M	78.5
N	99.5
P	69.5
Q	78.5
R	31.8
S	30
T	148
U	216.6
V	350
Y	282.3
W	1/4" GAS
Z	504.5
Ch 1	27
Ch 2	40
Ancillaries Attachment	AA2

### 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°	321.4	385.7	514.3	642.9	720	771.4	900	1028.6
50°	160.7	192.9	257.1	321.4	360	385.7	450	514.3
90°	241.1	289.3	385.7	482.1	540	578.6	675	771.4

### 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	-	1	1.1	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
17.8	115	4.52	19	108.8	F10 = 500 Nm F12 = 1000 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).