



Ref.	Dimensions (mm)
Flange	F07 – F10
C x depth	M8x12
D x depth	M10x15
E	70
F	102
B	22
O	24.3
A	568
G	19
I	19
L	148
M	62
N	86
P	56
Q	62
R	25.5
S	30
T	118
U	169.6
V	300
Y	220.8
W	1/8" GAS
Z	398.4
Ch 1	22
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°	160.7	192.9	257.1	321.4	360	385.7	450	514.3
50°	80.4	96.4	128.6	160.7	180	192.9	225	257.1
90°	120.5	144.6	192.9	241.1	270	289.3	337.5	385.7

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	For 1° drive Need 1/2 turn screw	0.6	0.58	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
10.2	90	2.3	15	67.5	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).