



Ref.	Dimensions (mm)
Flange	F07 – F10
C x depth	M8x12
D x depth	M10x15
E	70
F	102
B	22
O	24.8
A	511
G	17
I	15
L	141.1
M	60.1
N	81
P	51
Q	60.1
R	22.5
S	30
T	111.1
U	156.8
V	220
Y	199.1
W	1/8" GAS
Z	354.3
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°	107.1	128.6	171.4	214.3	240	257.1	300	342.9
50°	53.6	64.3	85.7	107.1	120	128.6	150	171.4
90°	80.4	96.4	128.6	160.7	180	192.9	225	257.1

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	-	0.28	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	Theoretical n° of turns to close/open starting from neutral position	Rim pull force (N) to obtain the nominal torque	Maximum flange torque values
8	80	1.51	18	54.5	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).