



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	398.2
G	12.7
I	12
L	103.3
M	44.8
N	58.5
P	38.5
Q	44.8
R	16.2
S	20
T	83.3
U	118.5
V	180
Y	154.8
W	1/8" GAS
Z	279.7
Ch 1	17
Ch 2	28
Ancillaries Attachment	AA1

Double Acting Actuators - Output Torque related to rotation angle , in Nm

ROTATION ANGLE	Air pressure supply in bar							
	2,5	3	4	5	5,6	6	7	8
0°	47.3	56.8	75.7	94.6	106	113.6	132.5	151.4
50°	23.7	28.4	37.9	47.3	53	56.8	66.3	75.7
90°	35.7	42.9	57.1	71.4	80	85.7	100	114.3

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	-	0.12	0.13	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
4	60	0.66	13	27.8	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 8573-1, Class 3).  
The maximum particle size shall not exceed 40 µm (ISO 8573-1, Class 5).