



Ref.	Dimensions (mm)
Flange	F12 - F16
C x depth	M12x18
D x depth	M20x30
E	125
F	165
B	46
O	48.5
A	954
G	18.5
I	32
L	237.7
M	114.7
N	123
P	93
Q	114.7
R	46
S	30
T	207.7
U	300.4
V	400
Y	382.9
W	1/4" GAS
Z	653.7
Ch 1	36
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°	857.1	1028.6	1371.4	1714.3	1920.0	2057.1	2400.0	2742.9
50°	428.6	514.3	685.7	857.1	960.0	1028.6	1200.0	1371.4
90°	642.9	771.4	1028.6	1285.7	1440.0	1542.9	1800.0	2057.1

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	-	3.1	3.2	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
43	160	12.44	26	162.5	F12 = 1000 Nm F16 = 4000 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).