



Ref.	Dimensions (mm)
Flange	F12
D x depth	M12x18
F	125
B	36
O	38.5
A	920.6
G	19.5
I	27
L	216
M	101.5
N	114.5
P	84.5
Q	101.5
R	41
S	30
T	186
U	283.5
V	400
Y	365.6
W	1/4" GAS
Z	637.1
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°	642.9	771.4	1028.6	1285.7	1440.0	1542.9	1800.0	2057.1
50°	321.4	385.7	514.3	642.9	720.0	771.4	900.0	1028.6
90°	482.1	578.6	771.4	964.3	1080.0	1157.1	1350.0	1542.9

**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	-	2.3	2.4	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
33.6	145	9.66	25	133.5	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).