



Ref.	Dimensions (mm)
Flange	F14
D x depth	M16x24
F	140
B	36
O	38.5
A	479.4
G	19.5
H (bore)	78
I	24
L	198
M	93.5
N	104.5
P	74.5
Q	93.5
R	36.5
S	30
T	168
W	1/4" GAS
Ch	27
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°	428.6	514.3	685.7	857.1	960	1028.6	1200	1371.4
50°	214.3	257.1	342.9	428.6	480	514.3	600	685.7
90°	321.4	385.7	514.3	642.9	720	771.4	900	1028.6

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°	10 °	For 1° drive Need 1/2 turn screw	0.81	0.73	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	Maximum flange torque values
17.4	125	5.07	F14 = 2000 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).