

INSTALLATION

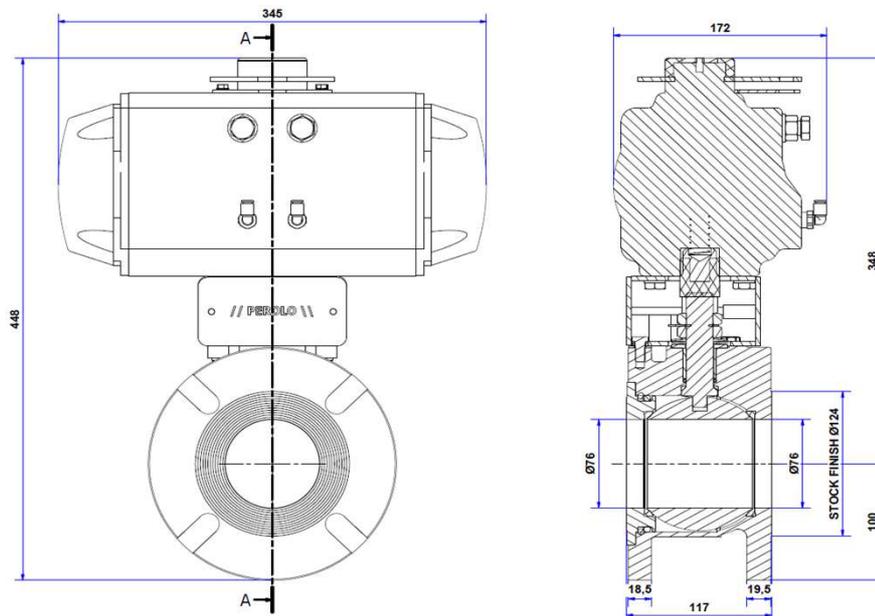
CONDITIONS



**Caution: Do not disassemble the actuator from ATCO™ Ball valve.
For better and long time performances, assembly and settings are realized in PEROLO factory.**

PNEUMATIC OPERATOR

- Minimum operating pressure: 4 bar (Maximum operating pressure: 8bar)
- Actuator connections: Ø6mm ext
- Working Temperature: -40°C to 80°C
- For corrosive products application, provide a protection to avoid contact with actuator



INSTALLATION ON TANK

To use the ND80 ATCO™ full bore as an air inlet/outlet:

1. Ensure that the Inlet (tank side) flange is clean; free from dirt and grit.
2. Screw the studs into the weld in flange.
3. Place the gasket and siphon tube if any
4. Fit ball valve on the weld in flange and secure with washers and nuts.

The required tightening torque is 50 N.m +/-5

5. Assemble gasket and blind flange on the top and secure using bolting kit.

Refer to our PWAGEN001 sheet for flange tightening details

if a piping system linked to the tank is installed on the process side of the valve, we recommend to have a flexible hose in-between the valve and the piping system to avoid any additional stress on the fastening studs

SETTING UP THE ACTUATOR

4. Connect inlet to connection "2" and outlet to connection "4" written on the actuator

It is a simple effect actuator able to work with only one inlet connection. However, we recommend to use two inlet connections. It reduces the time of closure. Use lubricated air to keep the actuator in good working condition. The air feeding should be rated from 5.5 bar up to 6.5 bar (**do not exceed 8 bar**).

NB: To get information about maintenance, please refer to the AFN8X maintenance sheet PWA1114614000.

Due to our policy of continuous product improvement, specifications may change without notice - Installation sheet PWA 11 14 12 30 00 D

It is the customer's responsibility to check the compatibility between valves material and transported product.

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