

MAINTENANCE AND USE HANDBOOK

INOX BALL CHECK VALVES

01.622 02.622 A3.622 B3.622 C3.622 T4/L4.622

Complying with the 97/23/CE (PED) Directive



For chemical, food and industrial processing plants

CONDITIONS OF USE

TEMPERATURE	min °C	max °C	PRESSURE
	-20	200	0-70 bar

The pressure vary according to the working temperature (see pressure/temperature diagram)
NOT SUITABLE FOR STEAM-NOT SUITABLE FOR CONTINUOUS FLOW REGULATION

STORING

- During the storing the valve must be fully open to avoid the of the tighten seats **fig. 1**

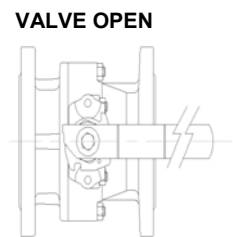


Fig. 1

INSTALLATION

Handle with care

-Keep the valve between the pipes and insert the sealing between the flanges. Make sure that the sealing is correctly placed

The distance S between the flanges must be equal to the gauge of the valve. Do not use bolts to bring near the pipe. Clamping bolts must be cross tightened **fig. 2**

- Flanges must not be welded to pipes once the valve has been installed. Make sure the installation is equipped with expansion joints so as to avoid breaking or losses due to pipes tensions, vibrations or shifts.

-Pressure shocks can cause damages and breakage. We recommended to avoid them if possible or adopt expansion joints that or system that could reduce pressure shocks' effects.

- At sub-zero temperatures, the fluid contained between body and ball could freeze causing irreparable damages If the valve is exposed to this conditions we recommend to insulate the valve.

- We recommend to manoeuvre periodically the valves in order to avoid the storing of material on the ball and ball seats.

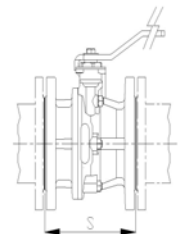


Fig. 2

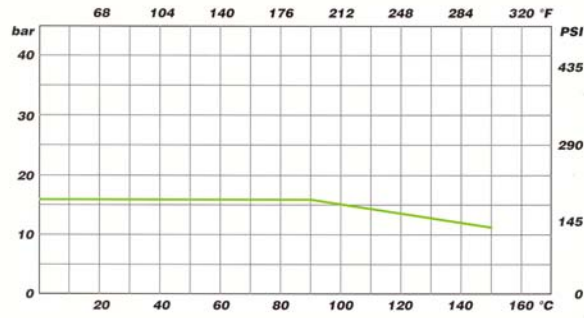
MAINTENANCE

- To assure the maximum safety we recommend to substitute the O-ring at least every 24 month and the PTFE seal every 12 month.

The maintenance period vary according to the application.

PRESSURE/TEMPERATURE DIAGRAM

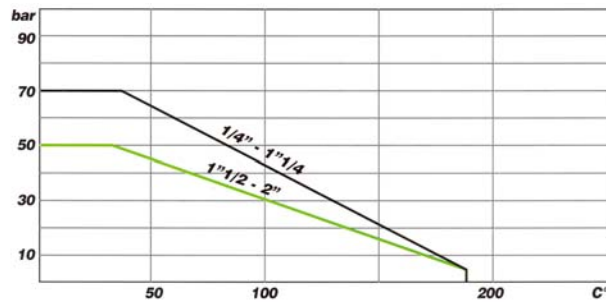
01.622



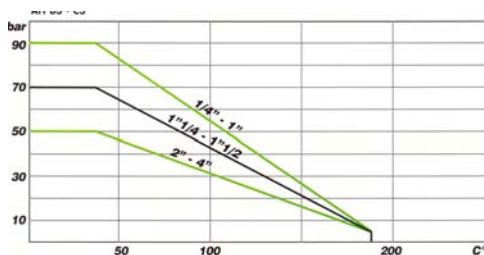
02.622



A3.622



B3/C3.622



T4/L4.622

