

# MAINTENANCE AND USE HANDBOOK

## DOUBLE PLATE CHECK VALVES

D6

**INOX**  
For chemical, foodstuff and steam plants.  
For high pressure and temperatures



**CAST IRON**  
For water processing heating/ventilation and pumping installations .  
For industrial plants in general

### CONDITIONS OF USE

TEMPERATURE	min °C	max °C
CAST IRON	-10	+100
AISI 304	-20	+150

PRESSURE	DN 40-300	DN 300-600
	16 Bar	10 Bar
	16 Bar	

### STORING

Keep in a dry and cool place

### INSTALLAZIONE

-The minimum internal diameter of flanges must allow the correct opening of plates **Fig. 1**

-Vertical installatio with downward flow: in absence of pressare springs do not guarantee plates closure.

-For the installation on horizontal pipelines the hinge pin must be always in vertical position **Fig.2**

-Do not install valves in the presence of intermittent flow

-Install the valve in a staight pipe-line segment as far as possible from bends, elbows or pumps, or in such a way in order to avoid turbolences near the valves

-Metal seating is not fully leak-proof

### MANUTENZIONE

Remove the valve from the plant and keep it in plane.

-Using a spanner remove the NPT plugs

-Push down the stop pin and push out the hinge pin carefully.

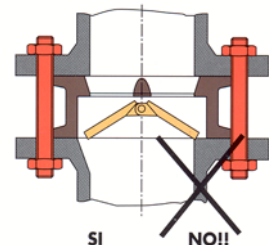
-As the spring shall uncoil, care should be taken by putting firm hand on the spring

-Clean all the part with solvent

-Check the surface of the plates and the body seat

-Keep the plates in is position and by pushing the hing pin back to its position the spring should be loaded and simultaneously hing pin is pushed to is original position

**Fig. 1**



**Fig. 2**

