

EMPLOYMENT, ASSEMBLY AND MAINTENANCE

PED 97/23/CE DIRECTIVE

TABLE 6 DANGEROUS FLUIDS (GROUP 1) – TABLE 7 NOT DANGEROUS FLUIDS (GROUP 2)

Description of the family of the equipment to pressure	Copper Alloy Ball Valves, floating ball
Family code marked on the valve	B006-1/2 ÷ B150-1/2

Employment

The kept fluids are dangerous fluids (group 1) or not dangerous (group 2) and should be in accordance with the used material (copper alloys): brass, ADZ brass, bronze (many kind of), steel, Monel, PTFE, NBR, EPDM....

Do not use unstable gasses!

MATERIALS:

The end user should be sure of the comparability of the fluids employed with the material of the valve (metallic parts or elastomers).

If in doubt, it should be required the chemical analysis of the used raw material.

PRESSURE :

Do not use the product over the values of the PN marked on the product.

TEMPERATURE:

Do not use the product outside the values pressure/temperature expressly marked on the construction normative EN 13547.

The valves should be installed following these criteria , any other kind of additional information on the employment of the equipment, in case of doubts should be absolutely requested to Conti Rubinetterie.

Assembly

To install the valve on the system follow, depending on the connection type, the following instructions:

- Threaded Valves: use a sealing for the seat on the threads in accordance with the intercepted fluids.
- Flanged valves: use a seat gasket on the flanges and tighten the bolts diagonally.
- Weld valves: be sure that there is not trace of fluids in the surroundings of the valve.
- Valves with nuts and tails : lock well and to be sure of the establish the held at the ends
- Pressfittings: tighten with the right equipment the pipe to the nut of the valve.

Whatever is the kind of connection ,verify that the ends are free of unknown bodies .

The valve can be installed both vertically and horizontally.

Be sure that after the installation the valve will not suffer any stresses caused by the pipelines: support the pipelines with appropriate clamps.

The valves should be used exclusively with the provided lever without the help of additional levers.

For the closing of the valve rotate the lever of 90° in time sense till the achievement of the mechanical bar.

For the opening of the valve rotate the lever of 90° in anti time sense till the achievement of the mechanical bar.

The ball valve should be always in position:

- Completely open
- Completely closed

Intermediate positions of the ball cause permanent deformation of the seat that can cause the loss of the intercepted fluid.

To avoid any shot of aries on the pipeline move the valve with a gradual rotation.

Maintenance

Check periodically the seal on the stem .If there are little leakages act immediately on the hexagonal packing gland under the lever.

Every 6 months make a visual checking on the valve to verify the absence of defects that can prejudice the use and eventually make an intervention or change it.

Before making any intervention on the valve be sure that the pipelines is not under pressure.