

BELVEN GATE VALVES Installation, Operation en Maintenance instruction

Applicable to **BELVEN GATE VALVES type BV49**

STORAGE

Gate valves must be stored up to the time of installation in a dry and frost-free place. All moving parts should be efficaciously protected from dust or other contaminants. Prolonged or storage under circumstances that may affect the gate valves function, all untreated areas must be protected from corrosion.

ASSEMBLY

Before installation, inspect the valve body and components on any damage that may have occurred during shipping or storage. Inspect the pipeline and meeting flanges, making sure the pipe is free of foreign material and that the flanges are clean. Flanges in the piping system must be aligned. Make sure when tightening the bolts always opposed tighten. When tightening the bolts should be taken to ensure that the gate valves are installed free of tension.

SPINDLE SEALS

The stem seal of a valve should be suitable for the medium, the pressure and temperature in that pipe.

The standard gate valves are equipped with an O-ring stem seal, they are virtually maintenance free or a bushing with an universally usable gasket. However, for example, oxygen, chemicals, etc. may be desirable to apply a different packing.

When ordering, please specify : pressure, temperature and medium.

Although the gasket is mounted under a proper tension, it is possible that the nuts of the packing should be tight in order to pressurize, respectively. warming up of the gate valves, to prevent leakage through the bushing.

The gasket should set up itself.

SPINDLE

Stem and if any bearing (s) are lubricated with grease or lubricant that can withstand operating conditions.

MAINTENANCE

The valve has to be periodically checked to make sure of its proper operation. A higher checking frequency is recommended when the valve is working under extreme conditions.

For a correct operation of the valve it is suggested to maneuver it at least twice a year.