

STORM VALVE USER MANUAL

PRODUCT INFORMATION

Valve Name	: STORM VALVE
Nominal Diameter (DN)	: DN50-DN300
Material	: Cast Iron, Ductile Iron, Cast Steel, Stainless Steel, Bronze
Nominal Pressure (PN)	: 4 bar
Working Temperature	: -10°C ...+80°C

APPLICATION AREAS

- Cold and hot water systems
- Drinking water and irrigation systems
- Firefighting systems
- Pumping stations
- Storage tanks
- Pipe lines

***NDFT is 120 microns unless otherwise specified by the purchaser.
(for coated valves)**

INSTALLATION AND OPERATION INSTRUCTIONS OF THE STORM VALVE

*The storm valve has been designed for mounting on a tank wall or a pipeline connection. The surface, to which the flanged joint will be screwed with expansion bolts should be smooth and degreased.

*Prior to mounting of the storm valve make sure that it is centered relative to the channel outlet.

*The storm valve with a flanged joint may be mounted on a tank wall with the aid of expansion bolts.

*If a storm valve is to be mounted on a working tank, the tank should be emptied and dried prior to the beginning of the assembly work. If it is to be mounted to the pipeline must be cleaned off all dirt such as sand, dust, welding residues etc.

The general rules of occupational safety and health in force at the works concerned should be observed when mounting and operating the storm valve.

*Verify that the valve is suitable for the operating specifications of the medium (installation); such as maximum operating pressure, maximum operating temperature, corrosiveness and abrasiveness, etc.

*Keep the valve in a clean environment and do not remove the protective caps until installation.

*The valve can be used in the pipeline in any position.

*The arrow, on the valve body, must be in the same direction of the liquid flow.

*Verify that the distance between the flanges, where the valve will be connected, is equal to the length of the valve body.

*Use suitable gaskets between the valve flanges and the counter flanges.

*First, mount one side of the valve and only lightly fit the bolts. Do not fully tighten the bolts yet. Similarly, mount the other side of the valve. Finish by uniformly tightening the bolts, to avoid twisting the valve body, on both sides of the valve.

*For detail information, please look at the DIKKAN catalogue of product or get in touch with our company.

*Repairing and changing components cannot be done by end user. These shall be done by manufacturer

*If the plugs are removed, new sealing copper washers must be installed before reassembling.

*It is recommended to use bronze valve for seawater application. If the body material of valves is carbon-alloy, inside and outside surfaces of the valve body should be checked every 6 months and if necessary to be coated with suitable coating.

Installation Position

