

STRAINER USER MANUAL

PRODUCT INFORMATION

Valve Name	: STRAINER
Nominal Diameter (DN)	: 15 – 500 mm
Material	: Cast Iron, Ductile Iron, Cast Steel, Stainless Steel, Bronze
Nominal Pressure (PN)	: 10-16 bar
Working Temperature	: -10°C ...+120°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 STRAINER

- *Before installation, the pipeline must be cleaned off all dirt such as sand, dust, welding residues etc.
- *The pipeline should be free of tension before installation commences.
- *Keep the strainer in a clean environment and do not remove the protective caps until installation.
- *Verify the strainer to be suitable for the specifications of medium, such as maximum operating pressure, temperature, corrosiveness and abrasiveness.
- *The strainer can be used in the pipeline in any position. The cover must be facing downward. Verify the suitable distance for taking out the filter to clean.
- *The arrow on the strainer body must be in the same direction of the liquid flow.
- *Verify the distance between the flanges, where the strainer will be connected, is equal to the length of the valve body.
- *Suitable gasket material should be put between strainer flanges and counter flanges.
- *First, mount one side of the strainer and lightly tight the bolts. Do not fully tighten the bolts yet. Similarly, mount the other side of the strainer. Finish by uniformly tightening the bolts without pulling and stretching of the system, to avoid twisting the strainer body, on both sides of the strainer.
- *Do not apply extra pressure to the system more than nominal operation pressure of the valves.
- *After operating more than an hour, the valves should be controlled leaking or not. If there is a leakage from the gaskets, tighten the bolts or change the gaskets.
- *Clean the filter periodically by dismantling the drain plug or strainer cover.
- *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.