

## MUD BOXES USER MANUAL

### PRODUCT INFORMATION

Valve Name	: MUD BOX
Nominal Diameter (DN)	: DN25/700 mm
Material	: Cast Iron, Ductile Iron, Cast Steel, Stainless Steel, Bronze
Nominal Pressure (PN)	: DN25-450 / 4 bar DN500-700 / 2,5 bar
Working Temperature	: -10°C ... +80°C

### APPLICATION AREAS

Especially for suction and discharge lines for sea cooling water and bilge systems

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

- \*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 mud box in a clean environment and do not remove the protective caps until installation.
- \*Verify the mud box to be suitable for the specifications of medium, such as maximum operating pressure, temperature, corrosiveness and abrasiveness.
- \*Mud boxes can be used in the pipeline in any position. The cover must be facing upward. Verify the suitable distance for taking out the filter to clean.
- \*The arrow on the mud box body must be in the same direction of the liquid flow.
- \*Verify the distance between the flanges, where the mud box will be connected, is equal to the length of the valve body.
- \*Suitable gasket material should be put between mud box flanges and counter flanges.
- \*First, mount one side of the mud box and lightly tight the bolts. Do not fully tighten the bolts yet. Similarly, mount the other side of the mud box. Finish by uniformly tightening the bolts without pulling and stretching of the system, to avoid twisting the mud box body, on both sides of the mud box.
- \*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 mud box cover.
- \*For detail information, please look at the DİKKAN 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