

SOUNDING COCK USER MANUAL

PRODUCT INFORMATION

Valve Name	: SOUNDING COCK
Nominal Diameter (DN)	: 32/40/50/65 mm
Material	: Bronze
Nominal Pressure (PN)	: PN2.5
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

INSTALLATION AND OPERATION INSTRUCTIONS OF THE SOUNDING COCK

- *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.
- *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.
- *Use suitable gaskets between the valve flanges and the counter flanges.
- *Fluid pressure should not exceed nominal pressure indicated on the valve body.
- *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.

A Sounding Cock valve is fitted at the top of a sounding pipe on a ship. In nautical terms the word "Sound" is used to describe the process of determining the level in a tank or depth of water under a ship.

The sounding cock valve is opened and a sounding tape (tape measure with a weight on the end) is lowered into the sounding pipe. When the weight reaches the bottom a reading is taken and then checked against the tank calibration book to find the quantity in the tank.

The sounding pipe usually extends almost to the bottom of the tank and has an open end. Because a Sounding Cock has a weighted lever you have to hold it open to take the reading and then releasing the lever will automatically close the valve.

Sometimes a foot pedal and lever is used to hold the valve open whilst you take a reading.