

**SWING CHECK VALVE, (WAFFER TYPE, SANDWICH TYPE, SHORT TYPE) USER MANUAL**

**PRODUCT INFORMATION**

Valve Name	: SWING CHECK VALVE, WAFFER TYPE SANDWICH TYPE, SHORT TYPE
Nominal Diameter (DN)	: DN15 - DN600
Material	: Cast Iron, Ductile Iron, Cast Steel, Stainless Steel, Bronze
Nominal Pressure (PN)	: PN10-PN16
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

\*Before mounting the valve, the pipeline should be cleaned with pressure air or steam in order to eliminate the potential burrs, corrossions, foreign substances and dirt which may exist within the line.

\*Both the axes of the pipes where they will be mounted and the hole axes of the connection element to be used should be in the same axis.

\*In flanged connections, bolts suitable for flange holes should be used.

\*If the connection element is flange, its bolts will be released by tightening them mutually, then the bolts will be tightened back in torque values given mutually.

\*If the space for valve is left during installation, both the length of the valve and the length of the leakage elements to be used should be calculated before leaving such space.

\*If the type of the connection will be threaded, the length of the thread on the pipe should not be less than the length of the valve thread.

\*For the valve to be newly mounted, the labels / covers on both flanges should be removed.

\*The valve to be mounted on the installation should be mounted considering the flange side, where the technical specifications are indicated, will be the inlet part. Afterwards, the other side will be mounted on the installation so as to eliminate the possibility of pulling tension.

\*While connecting the check valve to the installation, please ensure that the direction arrow should be in flow direction. (The direction of flow of the disc is the opening direction)

**DISMOUNTING;**

\*Make sure that there is no fluid supply on the line where the check valve is detached.

\*Unscrew the connection nuts in opposite pairs and remove the bolts. Holding the eye screw, detach the check valve from the line.

## INSPECTION AND CLEANING:

- \*Replace the disc, if excessive scratches and nicks noted. If lime stains and residue observed on the surface of the disc, clean the disc in water with wet sandpaper
- \*Replace O-rings.
- \*Inspect bolt threads and replace damaged ones.
- \*Inspect the bolts and studs on the line, replace damaged and rusty ones.
- \*Clean all items prudently and proceed to mounting.
  
- \*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

# Installation Positions

