

HYDROULIC DAMPED TILTING CHECK VALVE USER MANUAL

Product Information

Valve Name : HYDROULIC DAMPED TILTING CHECK VALVE
 Material : Cast Iron, Ductile Iron, Cast Steel, Stainless Steel, Bronze

Installation

Prior to installation, check the pipeline for impurities and foreign matters and clean it if necessary. Otherwise the check valve and its gasket can be damaged.

Observe direction of installation according to arrow pointing in flow direction.
 For outdoor installation, protect the valve against the direct effects of the weather.
 The mating pipe flanges must be plain-parallel and concentric.
 Before filling the pipeline with water, check the valve for easy running.
 Tighten the connecting bolts evenly, without distortion and crosswise, applying the required torques.

Application Areas

- Neutral water
- Drinking water
- Waste water
- Irrigation lines
- Water supply stations

Range of Application

Nominal size DN	Nominal pressure PN	Hydrostatic test pressure in bar	
		body	seat
100-1000	10 - 16	15 - 24	11 - 17.6

Maintenance

Replacing the valve disc seal
 - Remove o-ring
 - Slightly extend o-ring and evenly press into groove of the valve disc.

Transport

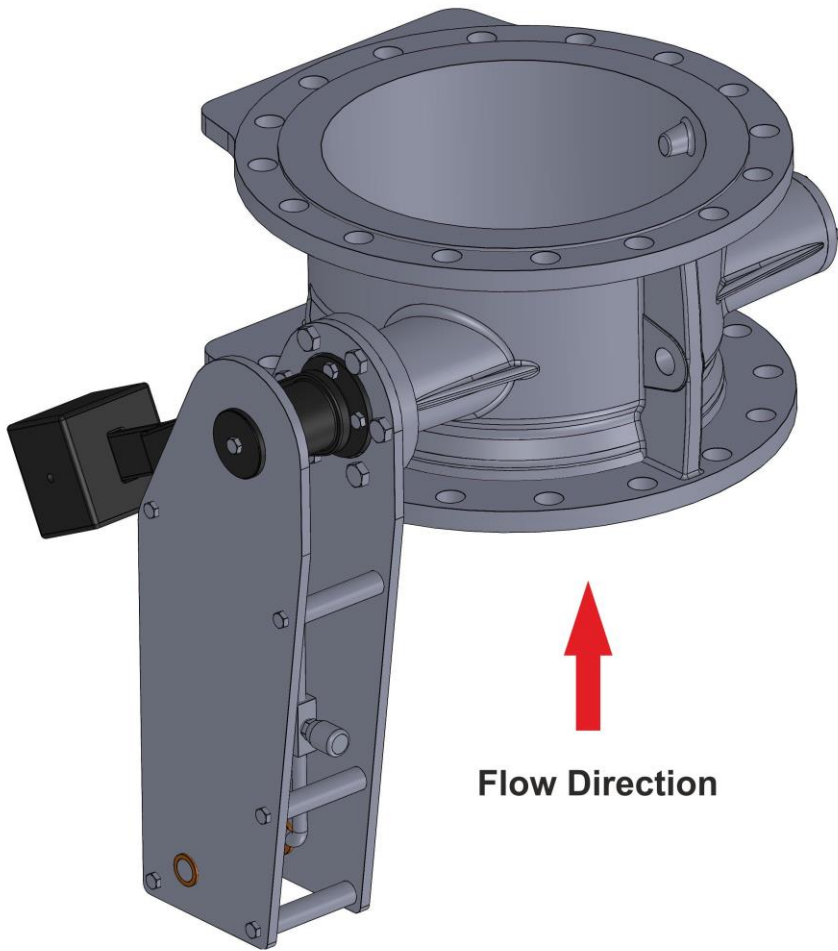
Transport has to be carried out carefully. Inexpert handling may cause damages to the valve.
 It is not allowed to attach the lifting to the stem, the hyd. damped.

Storage

Do not store the valves outdoors. During the storage period, the valves have to be protected against outside influences and impurities.
 If long-time storage is required, the place of storage should be selected in such a way that the following conditions are met: frost-protected, cool, dry, dust-free, dark.

Note: If the user modifies the valve on its own, he may not be entitled any more to the manufacturer's warranty.
 Repairing and changing components cannot be done by end user. These shall be done by manufacturer

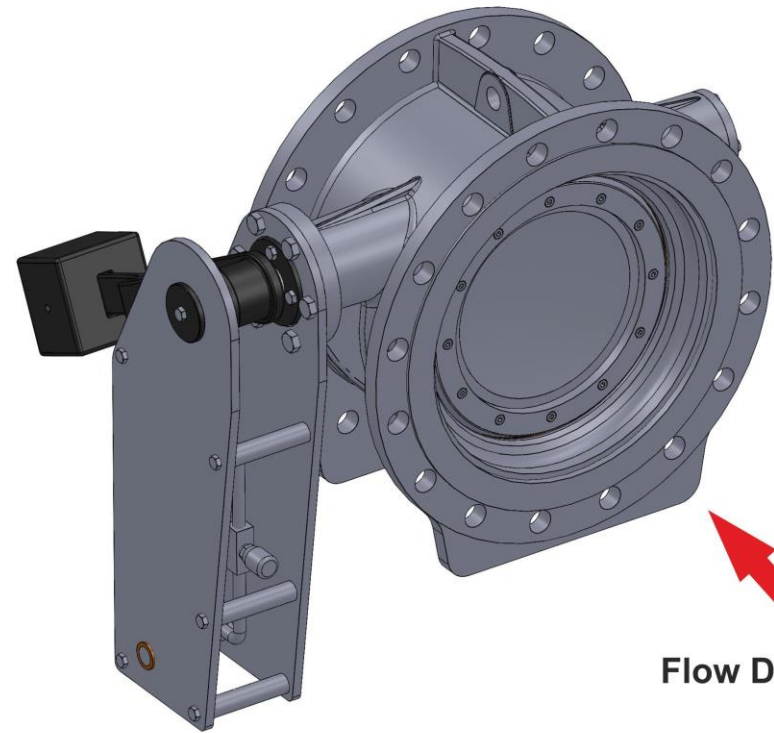
Vertical



Flow Direction

Lever & Counterweight / Left Side

Horizontal

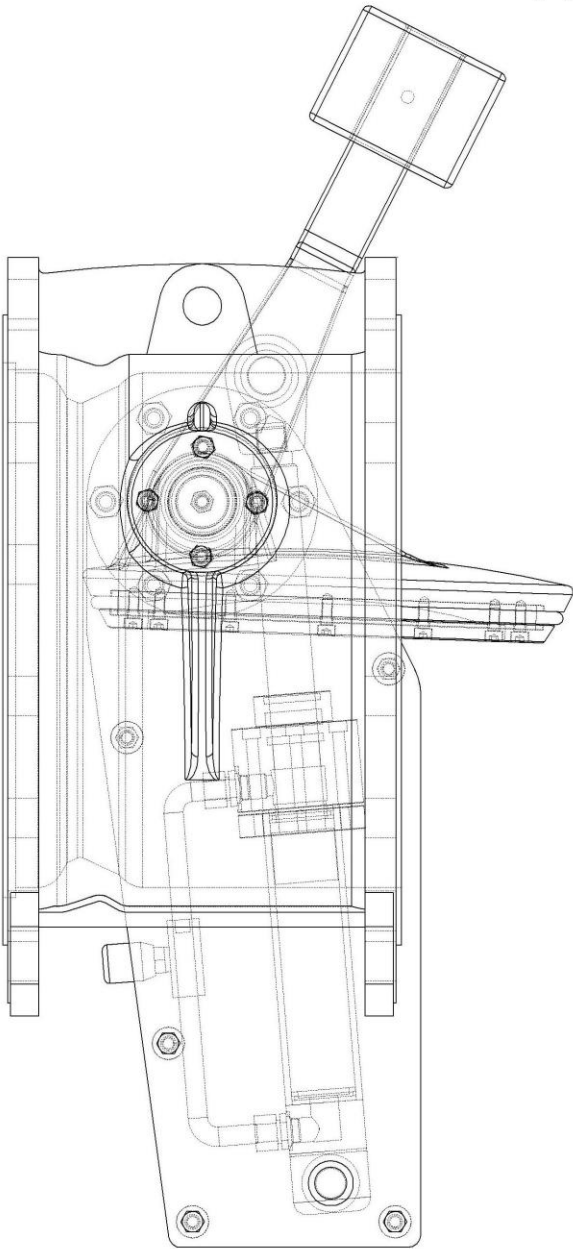


Flow Direction

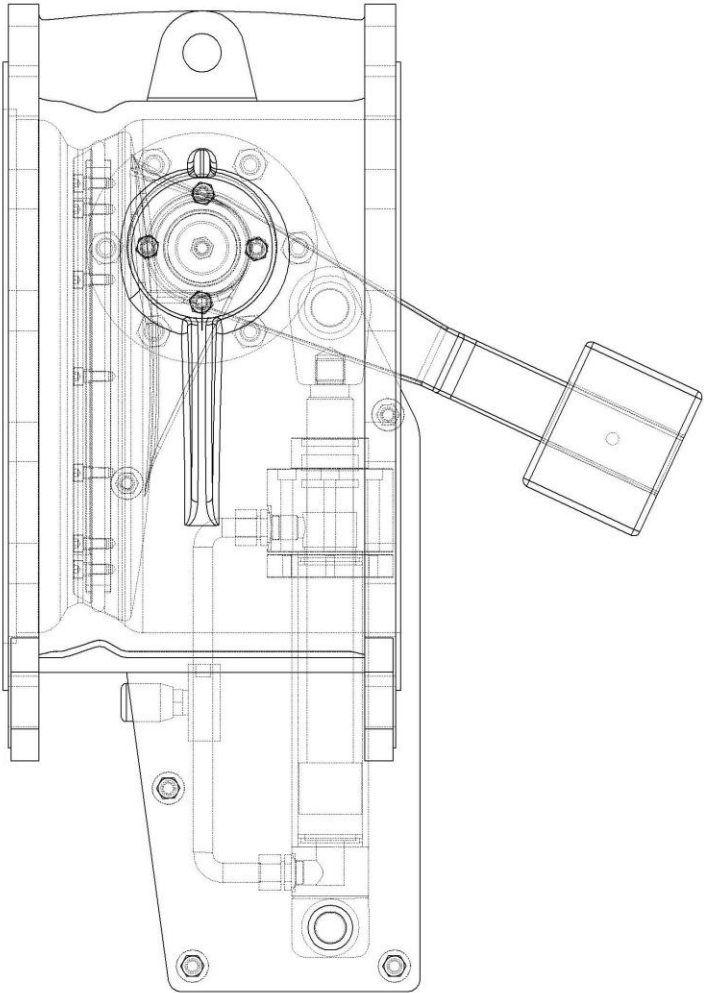
Lever & Counterweight / Left Side

Horizontal

Flow Direction



Open



Close

Vertical

