

## RESILIENT SEATED GATE VALVE USER MANUAL

### PRODUCT INFORMATION

Valve Name	: RESILIENT SEATED GATE VALVE / F4-F5
Nominal Diameter (DN)	: 40....300 mm
Material	: Cast Iron, Ductile Iron
Nominal Pressure (PN)	: PN16
Working Temperature	: -10°C ...+80°C

### APPLICATION AREAS

- Drinking water and irrigation systems
- Firefighting systems
- Pumping stations
- Storage tanks
- Pipe lines

## INSTALLATION AND OPERATION INSTRUCTIONS OF THE RESILIENT SEATED GATE VALVE

- \*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.
- \*Use strainers, in suitable sections of the pipeline, for future protection of the valve from dirt and foreign substances.
- \*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.
- \*Verify that the distance between the flanges, where the valve will be connected, is equal to the length of the valve body.
- \*Use suitable gaskets between the valve flanges and the counter flanges.
- \*Fluid pressure should not exceed nominal pressure indicated on the valve body.
- \*First, mount one side of the valve and only lightly fit the bolts. Do not fully tighten the bolts yet. Similarly, mount the other side of the valve. Finish by uniformly tightening the bolts, to avoid twisting the valve body, on both sides of the valve.
- \*In very seldom used places, valves should be performed open-close every month.
- \*The valve gland packing should be inspected at least monthly. If the gland packing shows signs of leakage, simply tighten the adjusting nuts to compress the packing. Do not over-tighten the adjusting nuts as this will make operation of the valve more difficult. If, after tightening the adjusting nuts to their fullest extent, the leakage does not stop, it is then necessary to replace the gland packing.
- \*Repairing and changing components cannot be done by end user. These shall be done by manufacturer
- \*Depending on the type of fluid used, residual deposits may form in the unused valves for a long time, affecting the operation of the valve. Because of this, depending on the type of the fluid, the valves need to be opened and closed in certain periods