

## **Installation instruction for Butterfly Valves**

### **Features:**

1. Wafer type, Flange type metal to metal sealing butterfly valve is formed with body, glanding ring, disc, sealing ring (seat), stem, etc. It has tri-eccentric structure; sealing is formed between the resilience transmutation of metal sealing ring and disc. The sealing will break away immediately and there is no damnification between the sealings.
2. This valve has actuators of manual, worm gear, electric and pneumatic, etc. The disc will rotate under actuating of stem in a range of 90°. Initial sealing force is formed when disc is closed to sealing ring(seat) because of tri-eccentric structure.

### **Installation and Using**

1. This valve could be installed on pipelines of any direction. Please confirm the performance description is suitable with the working conditions. Inner of the valve body should be cleaned and disc must in the position of shutting up to prevent the dirt into valve body.
2. Please make sure the medium direction is complying with the direction marked on the body.
3. When connecting on the pipeline, please couple with butt weld steel flanges or flanges especial for butterfly valves. Then installed with bolts and sealing rings. Please make sure the flanges are stressed in average to keep the butterfly valve working normally.
4. The butterfly valve should be open before strength testing of pipeline.
5. The travel range was adjusted when checking out. To avoid error of operating, please open the valve to a semi open position before the first operation of the valves. Then push on the switch to check if direction of the indicator is comply with the opening position. If everything is OK, the valve can be operated normally.