

HAITIMA

Instruction Manual

Butterfly Valve


2014H

HIM-196 Version: A




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1. BEFORE INSTALLATION


- 1.1 Before installing, check all valves and mating flanges to ensure gasket surfaces are free from defects.
- 1.2 Make sure all valves and lines are clean without any dirt or debris, which may cause valve seats damaged.
- 1.3 Checking the piping is the alignment with appropriate supports. It is not recommended to install valves to improperly positioned pipes.
- 1.4 Valves can be installed for flow in correct direction. Before installing, inspect the valve by visual for avoiding any damages. Install the valve to the pipeline and tighten bolts properly. Notice that the over tightening of any side may cause the leakage.
- 1.5 The valve must be provided with suitable flange gaskets on either side of mating faces to obtain perfect sealing with the pipe flanges. Selection of proper gasket material may be done by the user depending on the operating conditions and nature of media.

2. VALVE OPERATION

- 2.1 Butterfly valves OPEN and CLOSE through a 90°(quarter turn) rotation on the disc. Conventionally the valve CLOSE by clockwise rotation of the hand lever / hand wheel and OPEN by counter-clock-wise
- 2.2 Lugged body valves are installed in the same manner as wafer type valves except for the type of fasteners to be used.
- 2.3 Lugged body valves with through drilled holes require though studs / bolts exactly identical to the ones used for wafer valves. Valves with threaded holes require studs of shorter length inserted from either side.
- 2.4 Valves are provided with an arrow mark indicating the specified flow direction. Check the pipe line flow direction before valve installation and ensure that the valve is installed as per the indicated flow direction only.

3. MAINTENANCE & REPAIR

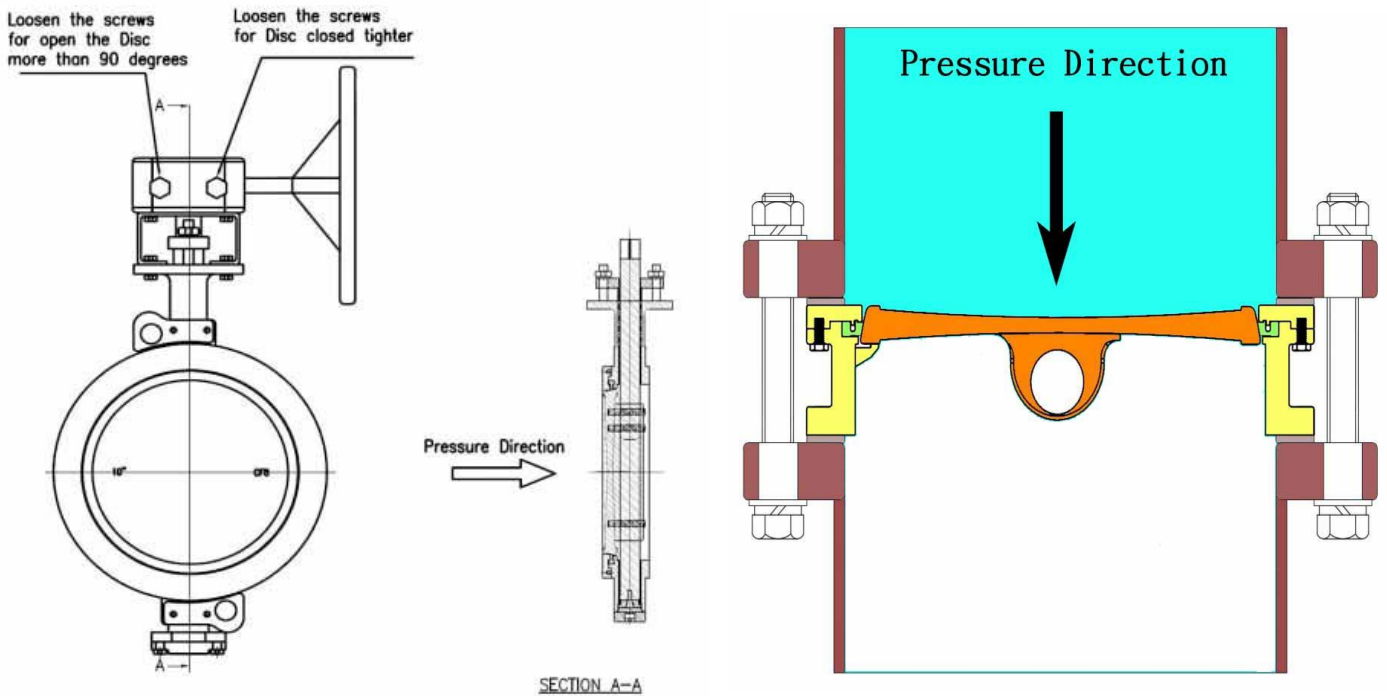
- 3.1 All components viz. Disc, seat, shaft, bearing, clamp ring, bottom plug, taper pins, gland packing etc. are all field replaceable. The seat is field replaceable and can be accessed after removal of the clamping ring.
- 3.2 Remove valve from pipeline and bring valve to a convenient location where it can be disassembled conveniently and required tools are available.
- 3.3 Keep the valves fully closed, with the clamp ring facing upwards. Loosen & remove the clamp ring screws and take out the clamping ring. The seat and support ring can be accessed now. Remove the same from the body step.
- 3.4 Keep the valves fully closed, with the clamp ring facing upwards. Loosen & remove the clamp ring screws and take out the clamping ring. The seat and support ring can be accessed now. Remove the same from the body step.
- 3.5 Carry out the replacement of the parts required to be charged; and reassemble the valve with new parts.


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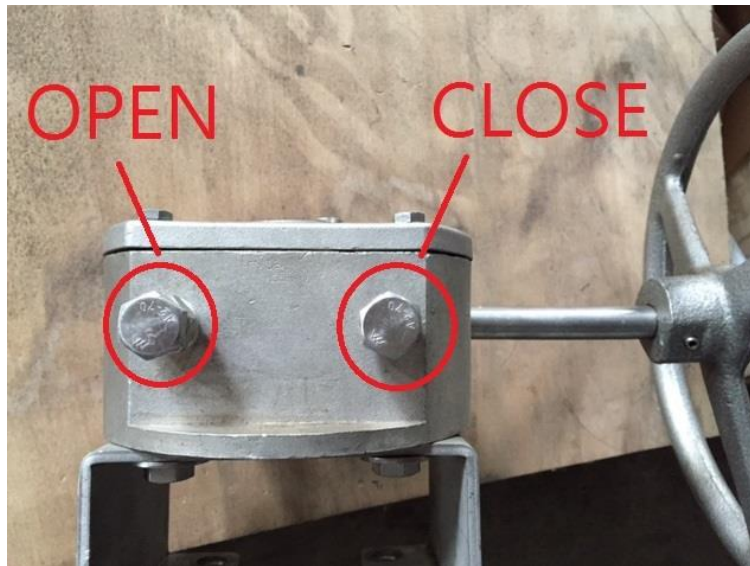
4. NOTE

- 4.1 When installing a connector or servicing the valve / drive device, it is better to remove the entire drive device from the device.
- 4.2 Remove the drive unit should be re installed on the valve. Each time the drive device is re installed, it must be re-adjusted to the correct opening and closing position.
- 4.3 When the single acting spring re - Fixed pneumatic device is installed on the clamp valve door, only to spring off (gas open) mode of installation
- 4.4 The valve position should be consistent with the indication of the drive unit when installing an electric or double acting pneumatic drive.
- 4.5 According to the instructions of the drive device, the drive device can be adjusted to the correct opening and closing position of the valve.

5. ATTACHMENT



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6. QUALITY ASSURANCE AND SERVICE

6.1 QUALITY ASSURANCE

HAITIMA's warrants its products to be free from defects in material and workmanship for a period of eighteen (18) months from the date of shipment or twelve (12) months from the date of installation whichever comes first. This warranty is limited to the repair or replacement of the defective item providing that it was handled, installed, used and maintained in accordance with the manufacturer's recommendations and applicable standard industry practices. HAITIMA will not be liable for any additional direct or indirect costs beyond the repair or replacement of the defective item.

This warranty is in lieu of any other warranty expressed or implied.

6.2 SERVICE

Manufacturer may provide field installation and debugging where contractually specified.

Manufacturer will follow up the quality of the valve provided and offer service in accordance with customer requirements.