



INSTALLATION, OPERATION, AND MAINTENANCE INSTRUCTIONS

METRAFLEX BUTTERFLY VALVE (STANDARD PRODUCT WITH ELASTOMER SEAT)

FLANGE AND PIPE COMPATIBILITY

The B series (BL, BW, BLA, BWA) valve is designed to mate between all types of ANSI 125 & 150 pound flat or raised face flanges. Gaskets are unnecessary as the seat face design eliminates their need. Heavy wall or lined pipe, or flanges must have minimum allowable inside diameter to clear disc sealing edge when opening the valve.

INSTALLATION INFORMATION

The Metraflex valve is non-directional (there is no upstream or downstream side). For the best results in slurry service regarding sedimentation, position the valve assembly to have the stem in the horizontal position and the lower disc edge to open in the downstream direction. To install the valve between existing ANSI flanges, the flanges must be spread sufficiently before placing the valve in position to prevent distortion and/or damage to the sealing face of the seat. **IMPORTANT: DO NOT** finish welding the flanges to the pipe with the valve bolted between the flanges as this will result in serious heat damage to the seat. Finish welding the flanges to the pipe and allow the flanges to cool completely.

INSTALLATION INSTRUCTIONS

With the disc in the nearly closed position and after spreading the pipe flanges, insert the valve between the flanges and assemble the valve body to the flanges with all flange bolts possible. Turn the disc to the fully open position. Next, while gradually removing the flange spreaders, center the valve body to the flanges and tighten the bolting hand tight. Slowly close the valve to check for adequate disc clearance. Return the disc to the fully open position and cross-tighten all bolting to the proper torque specification. Again, check for adequate disc clearance. If the installation is satisfactory, the valve is ready for service after installing the valve operator or actuator.

MAINTENANCE

Routine maintenance or lubrication is not required.

REPAIRS

Contact factory for repair instructions manual and parts availability.

The Metraflex Company

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