

Sluice Gate Valve Installation, Operation & Maintenance

Installation

The gate flange is drilled to the 125-lb. standard template for mounting on flanged pipe drilled and typed for studs. Flange holes straddle the vertical centerline.

Operation

The sluice gate is a non-rising stem type. The gate is opened by rotating the operating mechanism in a counter clockwise (open left) direction. The gate is closed by rotating the operating mechanism in a clockwise direction.

The operation mechanism may be a 2" square nut attached directly to the operating stem of the valve, a 2" square nut attached to the valve operating stem by an extension stem and coupling, or hand wheel attached to the valve operating stem by an extension stem and coupling.

The disc seat is forced against the seat in the body by a wedging action. The wedging action is created by two (2) round stainless steel wedge pins mounted on the gate disc.

Maintenance

Visual inspection of the seats and wedge pins are recommended when the gate is accessible. Gate operation should be observed to ensure the gate is opening and closing evenly against the wedge pins. Lubricate stem and stem nut each time maintenance is performed.

Parts

Parts are available by request. Please contact us for more information.