

INSTALLATION / OPERATION / MAINTENANCE

M&H VALVE—MUD VALVES (4”-24”) STYLE 140-02

General M&H Mud Valves are designed for settling basin drain line, sump blow-offs, swimming pool drains, waterworks, sewage and filtration plant, irrigation systems, and industrial installations. They are recommended for use in lines of low seating or unseating pressures only.

M&H Mud Valves are rising stem, non-rising stem or sliding stem type. Bodies are cast iron. The stem, stem nut, and seat ring are bronze. The plug seat is seamless molded Buna-n tapered to mate with bronze seat ring. Bolts and nuts are rust proof steel.

M&H Mud Valves can be furnished with handwheel or operating nut as required. They can also be furnished with extension stem, with plain or indicating floorstand.

Installation

- A. Valve should be mounted to a standard 125# flange. Flange should be flush with the floor, level and free of debris.
- B. Check that valve end joints are clean.
- C. Remove packing material, if any.
- D. Operate valve before installation. Check that seat is free of defects.
- E. Do not lift or sling on sealing or operating surfaces.
- F. Install valve to flange using a full face soft rubber flange gasket and proper sized bolts/studs and nuts for valve size.
- G. Tighten all bolts evenly using a star tightening pattern. Do not overtighten. Uneven tightening, jacking or overtightening may result in excessive leakage.
- H. Before filling tanks, operate valve and insure that there is no binding or warping of the seat due to uneven torque on mounting bolts or studs.
- I. Specific valve installation, in relation to container base, varies per application and should be the responsibility of the design engineer.

Operation The operation of the M&H Mud Valve is straight forward, the gate is seated and unseated by rotating operating nut or handwheel in proper direction (unless sliding stem). The valve seats with the pressure in normal installations. Excess torque is not required.

Maintenance/Troubleshooting

At least once per year or whenever the tank or pool is drained, the valve should be inspected. Valve should be rinsed clean and seats inspected for damage. All bolts and nuts should be tightened as necessary. Operate valve to insure proper operation. Record all inspections with comments on work performed.

Lubrication Requirements

Periodic lubrication of the bronze valve operating stem is recommended using a *suitable lubricant.

Recommended Spare Parts

None required

Field disassembly is not required or recommended by factory.

**Food grade grease similar to Chevron FM Grease EP NLGI 2.*

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