

Floor Type Pressure Relief Valve

Pressure Relief Valves are placed in the bottom of concrete tanks to keep empty tanks from floating when there is increased groundwater underneath and around them. When this condition exists, the outside water pressure will raise the cover of the valve and allow the water to enter the tank and equalize pressures inside and outside and thus prevent the tank from floating. This valve is constructed so that neither the cover nor strainer can become separated from the body of the valve due to groundwater pressure around the tank. When necessary, both can be easily removed. The cover weighs approximately 6 pounds and starts to open at a head of approximately 9" of water.

Mud Valves

Mud Valves are designed for waterworks, sewage and filtration plants, swimming pools and many other applications. They are recommended for use in lines of low seating or unseating pressures only.

Mud Valve bodies are cast iron. The stem, stem nut, disc ring and seat ring are bronze. Bolts and nuts are rust-proofed steel. Valves can be furnished with handwheel or operating nut as well as extension stem, with plain or indicating floor stand. Cylinder operation is available if required.

When ordering extension stem, state length and give distance from bottom face of flange to top of handwheel nut or to base of floor stand.

Flap Valves

Flap Valves are used for end closure of outfall lines or manholes, to prevent entrance of backwater. They swing open under direct pressure to release the outfall fluid and close when the direct pressure is relieved. Back pressure serves to hold the gate against its seat. Flap Valves are used in filtration and sewage disposal plants and in various industrial installations and are regularly furnished fully bronze mounted with bronze hinge pin, flap ring and seat ring.

Shear Gates

Shear Gates are designed for use in both water and sewage plants for filling or emptying tanks, for low pressure sludge discharge lines and similar applications. They are recommended for use in lines of low seating pressure only.

The wedges that seat the gate are attached with bolts to permit replacement without the expense of a new frame if the wedges should become worn. Standard length of lifting handle is 2 feet for all size gates. Extended handles can be furnished. State length required when ordering.

NOTES:

- For additional information on any of these valves please contact your local Team EJP sales office.
- Specialty valves are available by special order only and are non-cancellable and non-returnable.

Floor Type Pressure Relief Valve

This Pressure Relief Valve is 4" in diameter and can be furnished in body lengths from 6" thru 24" in increments of 1". Standard body lengths are in 2" increments.



Mud Valves

Mud Valves are available in Flanged and Spigot Ends with either rising, non-rising or sliding stems (flanged rising stem pictured). 4" thru 24" sizes available.

Flap Valves

Flap Valves are made with Flanged, Spigot and Hub Ends (flanged end pictured). Available in 4" thru 30" sizes.



Shear Gates

Shear Gates are made in four frame styles; Flanged, Standard, Hub and Spigot Ends (flanged end pictured). Available in sizes 4" thru 30".

