

Typical Specification for Singer Sewage Pressure Relief Valve

The sewage pressure relief valve shall be a smooth 90-degree elbow configuration, ductile iron body, 316 stainless steel seat and stem. The stem shall be guided by a long, bronze guide bushing and designed to handle large solids.

Valve shall be NSF-61 approved epoxy coated interior and exterior.

Valve shall be 150# flanged, with a ductile iron body.

Full system pressure shall be applied to the opening piston by means of a separation chamber and flexible diaphragm separation, transmitting the system pressure to the clean, non-toxic liquid; and in turn the piston.

It shall be possible to test cycle, or flush the valve, by applying external pressure to the separation chamber, without disassembly or use of special tools.

The relief setting shall be adjusted at the factory, prior to shipping, by use of the spring compression nuts.

Closing speed shall be adjusted using a flow control in the clean liquid.

Available angles are 3", 4", 6", 8"

Valves to be Singer Model #DLS-8640A.