

Purchase Specification

Model No. 750-01SP

PRESSURE RELIEF WITH STANDPIPE CONNECTIONS

Sizes: 2" wafer style c/w 2½ male & female standpipe adaptors.

Function

The valve shall be a lightweight and compact relief valve fitted with male and female standpipe adaptors. The valve shall relieve excess pressure and shall maintain close pressure limits without causing surges. If upstream pressure decreases below the spring setting, the valve shall close.

Main Valve

The valve shall be a hydraulically operated valve used to control liquid flow by means of a flexible control element: the liner.

The basic valve shall consist of only two parts: a one piece, investment cast body and an elastomeric liner. The valve body shall be constructed with internal ribs and slots forming a grillwork which surrounds the liner to provide support. The valve shall be actuated by upstream pressure as the loading pressure (pressure supplied to the control chamber) is varied by an external pilot control system to produce valve opening by rolling the liner off the seating surface and the slotted grillwork.