

Mark 708SH



Brand: Low Flow

Short Description

Short Pattern Fractional Flow Control Valve The Mark 708SH was developed to provide the most accurate control available for fractional flow services; whether for pilot plant installations, test stands, R & D facilities or for specialized processes such as dosing, injection and venting applications. The Short Pattern, 1/4" offers Cv's ranging from 0.00001 through 0.2 (0,000009 to 0,17 Kv in DN8). A small package ideal for critical fractional flow applications where space is at a premium.

Description

The rolling diaphragm design ensures that the effective diaphragm area remains relatively constant, regardless of valve stem position. This increases accuracy of the actuator when positioning the valve by ensuring a linear response to input signal changes. The spring-loaded packing maintains a proper compression, while minimizing excessive friction. This alleviates the need for most field adjusting. The TFE packing is suitable for temperatures to 450°F (232°C), while braided or Graphite/Grafoil may be used for higher temperature requirements. The bolting provides solid construction and secure connection. This bolting adds ease to maintenance, as bonnet/actuator assembly may be removed from the valve body in-line. Size: 1/4" (DN8) End Connections: Threaded (NPT, BSPT, BSPP), Socket Weld, others Diaphragm Material: 7M & 14M – rolling (Nylon/Nitrile) Body/Bonnet Materials: Carbon Steel, Stainless Steel, Hastelloy B & C, Alloy 20, Monel, Titanium