



SAE FLANGES CHECK VALVES

Literature





SAE Flange Check Valve

Introductions:

SAE flange check valve is a check valve with SAE-adapter at both ends. This check valve is made to complement SAE 3000# (ISO 6162-1) and SAE 6000# (ISO 6162-2). It is used to allow fluids to flow in a single direction, and prevent the return of fluids. There are directional arrow markings on the check valve to show the inlet and outlet. The installation must be correct so that the fluids can flow into the inlet, push the poppet and flow out from the outlet.

For MHA SAE flange check valve, it will require a minimum of 2 Bars cracking pressure to push the poppet, so that fluids can flow through. This type of check valve has 1 check valve body, 2 o-ring and 2 SAE holding plates. For more details, please refer to MHA Check Valve.

Material:

The available material for SAE flange check valves is Steel (28p8) and Stainless Steel (44p8). The material combination code is representing the material for body and adapters, ball and stem, ball seat, and sealing on stem and adapters. For more material details, please refer to MHA Catalogue.

Size Range & Pressure Rating:

The available sizes range from 1/2" to 2" and working pressure is available in 210 Bars and 420 Bars.

Connection Type:

The SAE flange check valve connection is made in accordance with ISO 6162-1 and ISO 6162-2. Thus, SAE flanges are needed to connect to both ends of the check valve. Typically, there are four types of connection for SAE flange: S/W (Socket Weld), B/W (Butt Weld), NPT (National Pipe Thread), and BSPP (British Standard Pipe Parallel).



MHA Steel SAE Flange Check Valve

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