



Description:

Three-way manifolds are developed to be used in systems that require differential pressure measurement and they are compatible with the process fluids that are not highly viscous, crystallizable, and aggressive. These manifolds are equipped with 2 isolation valves, 1 equalizer valve, and 2 discharge plugs. While the isolation valves are used for permitting and preventing the fluid flow, the discharge plugs are utilized for the safe evacuation of process fluid inside the closed volume after the isolation valves are shut off. Additionally, the equalizer valve has the duty of equating two different pressures entering into the instrument.

Industrial Applications:

Treatment Systems, Petrochemical plants, Chemical Plants, Petroleum and Natural Gas Transfer Systems

General Specifications:

Max Operating Pressure:
413 bar (6000 psi) at 38°C

Operating Temperature:
-54°C/+240°C

Process Connection/Instrument Connection:
1/2" NPT-F, 1/2" NPT-F (MP3012)
1/2" NPT-F, Flange (MP3125, MP3135)
Flange, Flange (MP3146)

Discharge Connection:
1/4"NPT

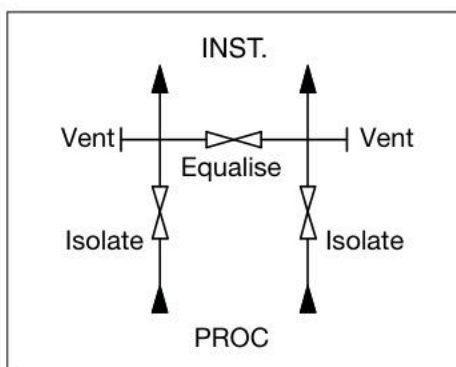
Bonnet Type:
Standard

Material:
Body: Stainless Steel AISI 316L
Valve Body: Stainless Steel AISI 316L
Bonnet Body: Stainless Steel AISI 316L
Spindle Tip: Stainless Steel AISI 316L
Handle: Stainless Steel AISI 316L

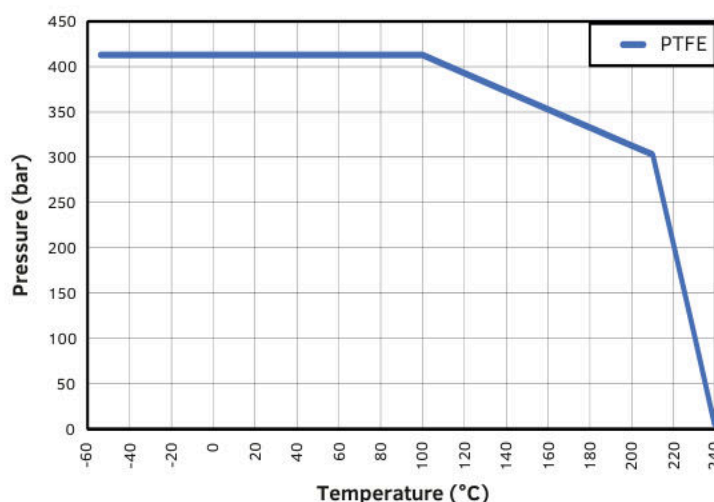
Gasket:
PTFE (Optional: Grapfoil)

Functional Diagram:

MP3092, MP3125, MP3135, MP3146

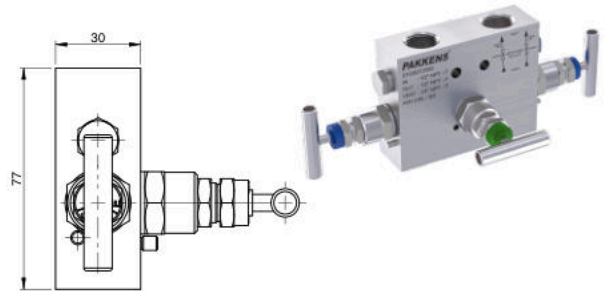
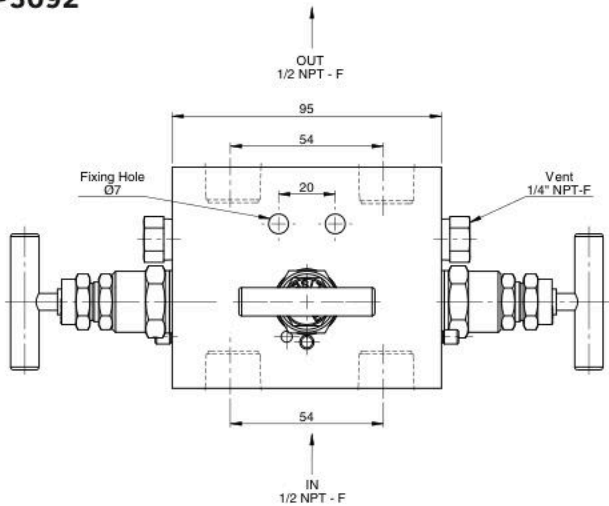


Operating Pressure & Temperature Range:

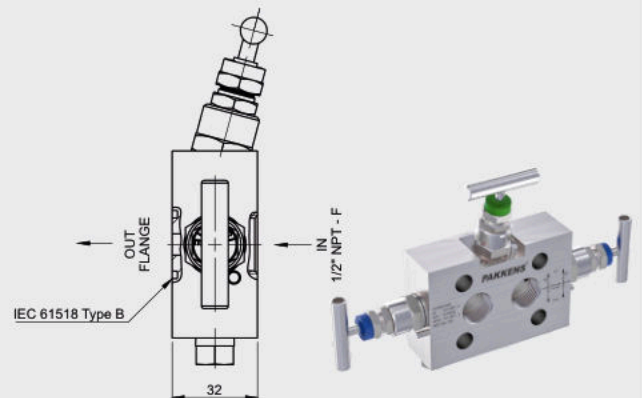
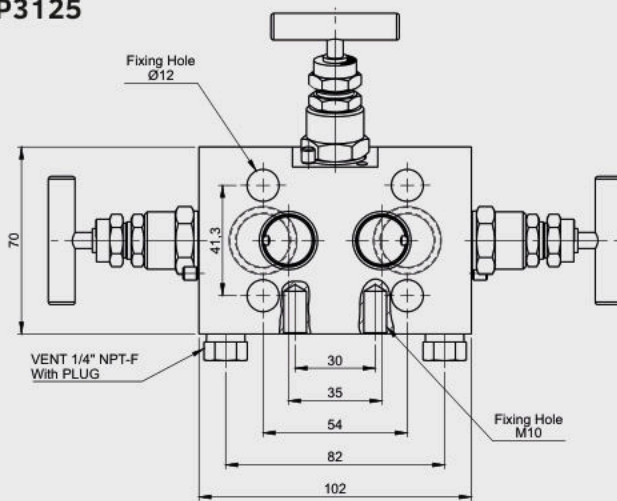


Dimensions (mm):

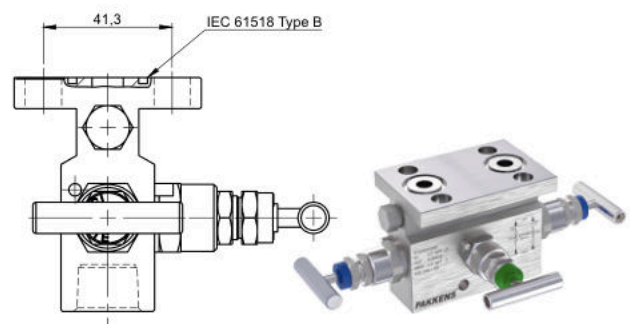
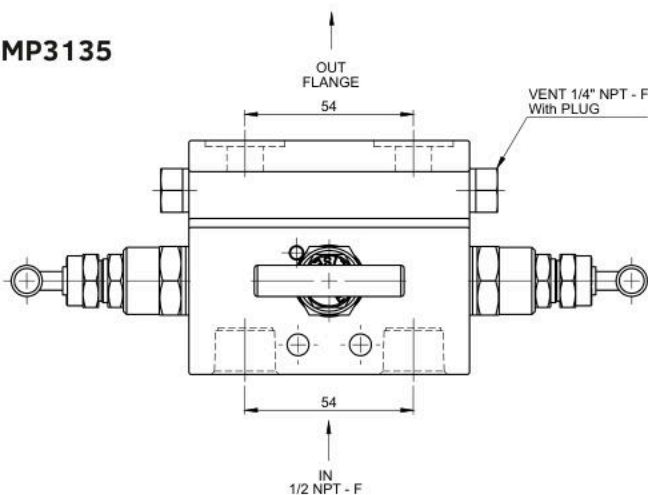
MP3092



MP3125



MP3135



Dimensions (mm):

MP3146

