# MP3000 Series
# Three-Way Manifolds

PAKKENS®

## 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

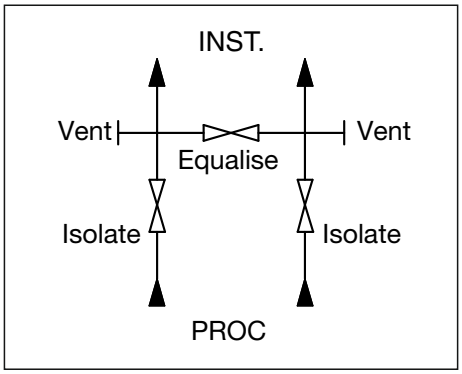
**Bonnet Type:**
Standard

**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

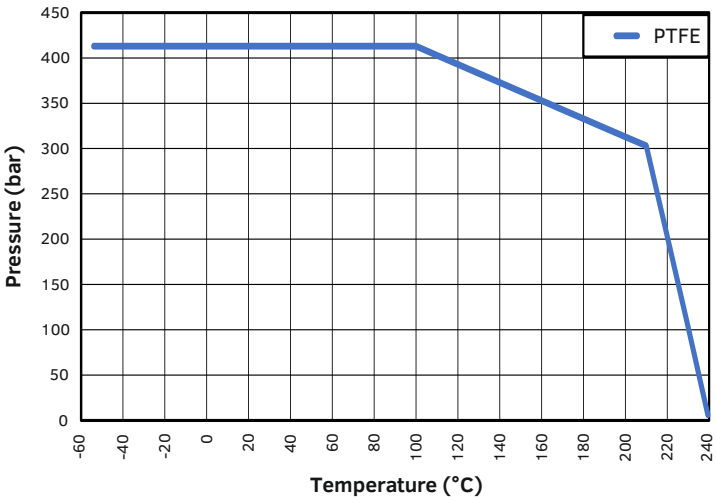
**Gasket:**
PTFE (Optional: Grapfoil)

## Functional Diagram:

**MP3092, MP3125, MP3135, MP3146**

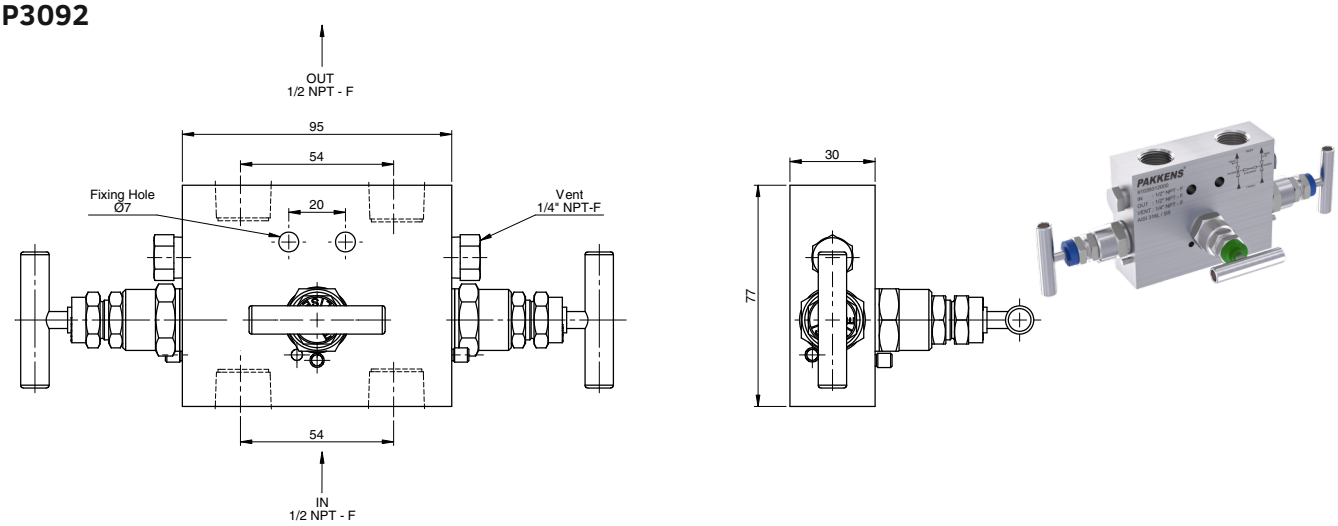



## Operating Pressure & Temperature Range:

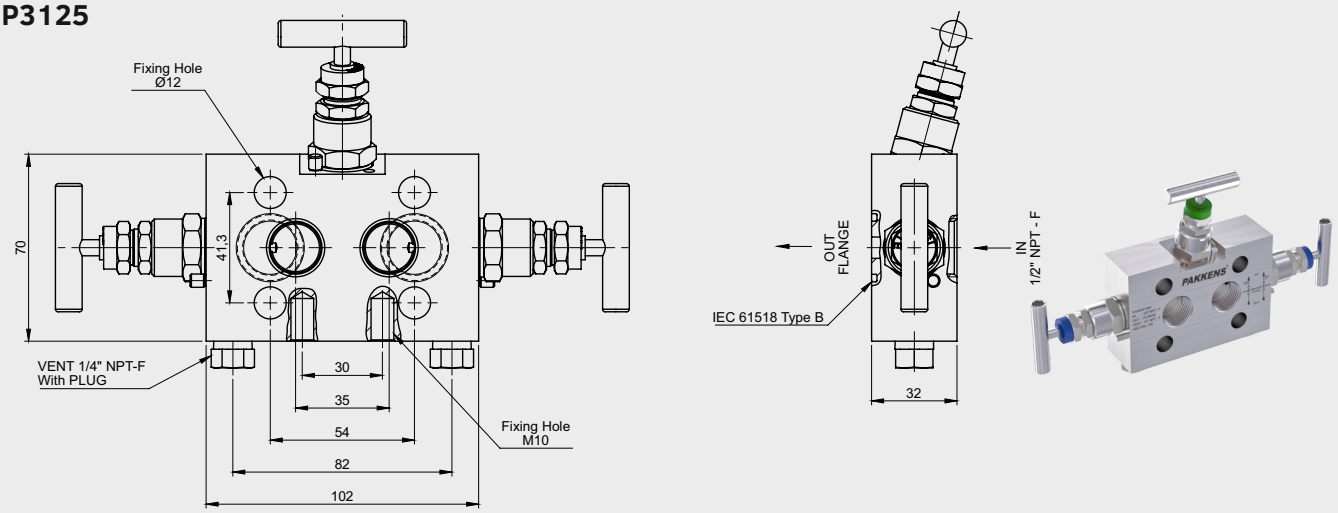


## Dimensions (mm):

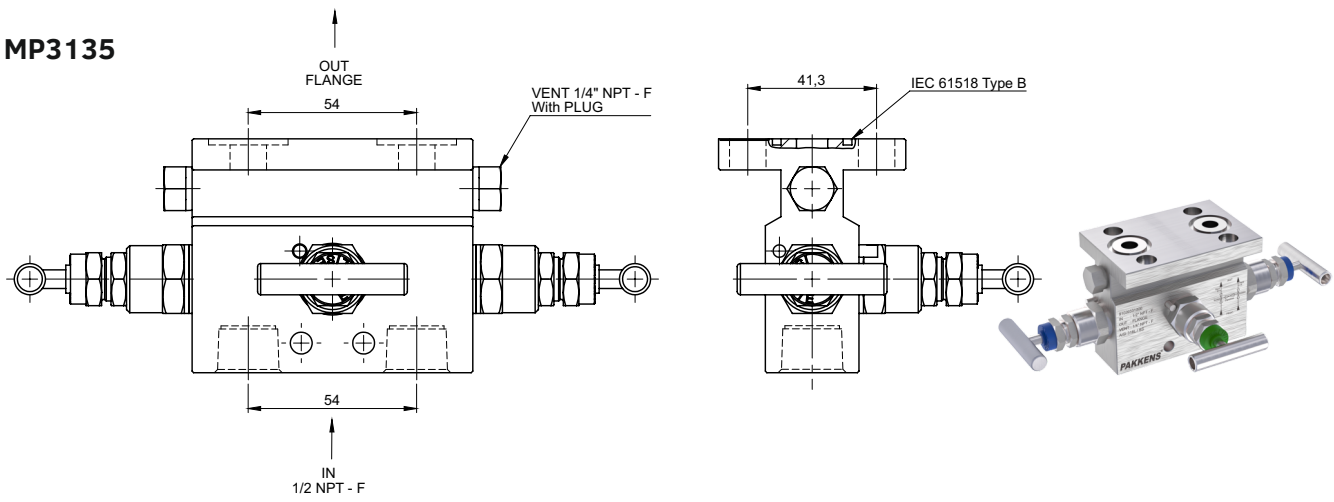
### MP3092




### MP3125




### MP3135



## Dimensions (mm):

### MP3146