



Description:

Block and Bleed Valves are designed to separate the process from the pressure sensing instruments, such as pressure gauges, pressure transmitters, and pressure switches, and draining the trapped fluid between the valve and the pressure sensing element. The manifolds are compatible with the process fluids that are not highly viscous, crystallizable, and aggressive. They have 1 isolation valve, 1 discharge valve, and 1 discharge plug. While the isolation valve is used for permitting and preventing the fluid flow, the discharge valve and plug are utilized for the safe evacuation of process fluid inside the closed volume after the isolation valve is shut off.

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
(MP2012, MP2072, MP2092, MP2102, MP2112)
1/2"NPT-M, 1/2" NPT-F (MP2022, MP2082)
1/2"NPT-M, 1/2" NPT-M (MP2032)

Discharge Connection:
1/4"NPT

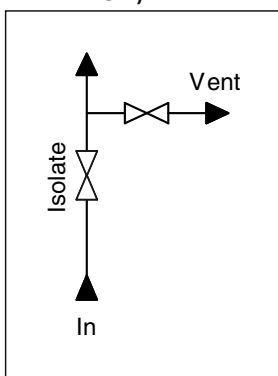
Bonnet Type:
Standard

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

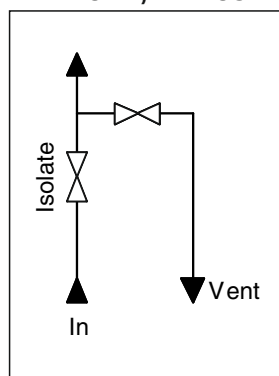
Gasket:
PTFE (Optional: Grapfoil)

Functional Diagram:

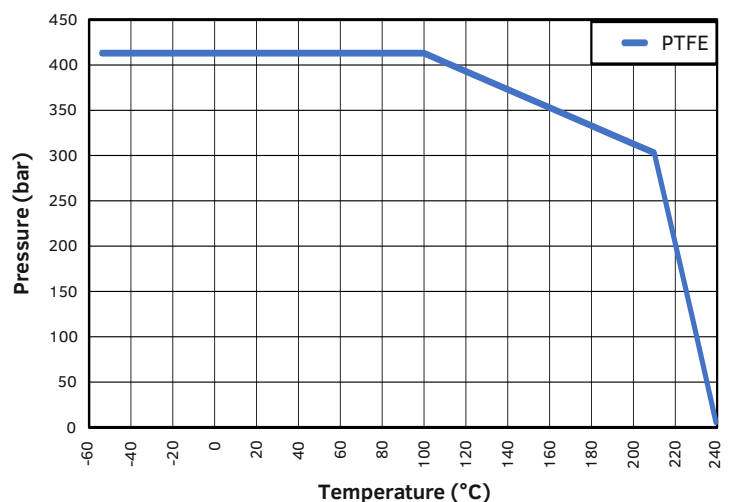
MP2012, MP2022,
MP2032, MP2082,
MP2102, MP2112



MP2072, MP2092

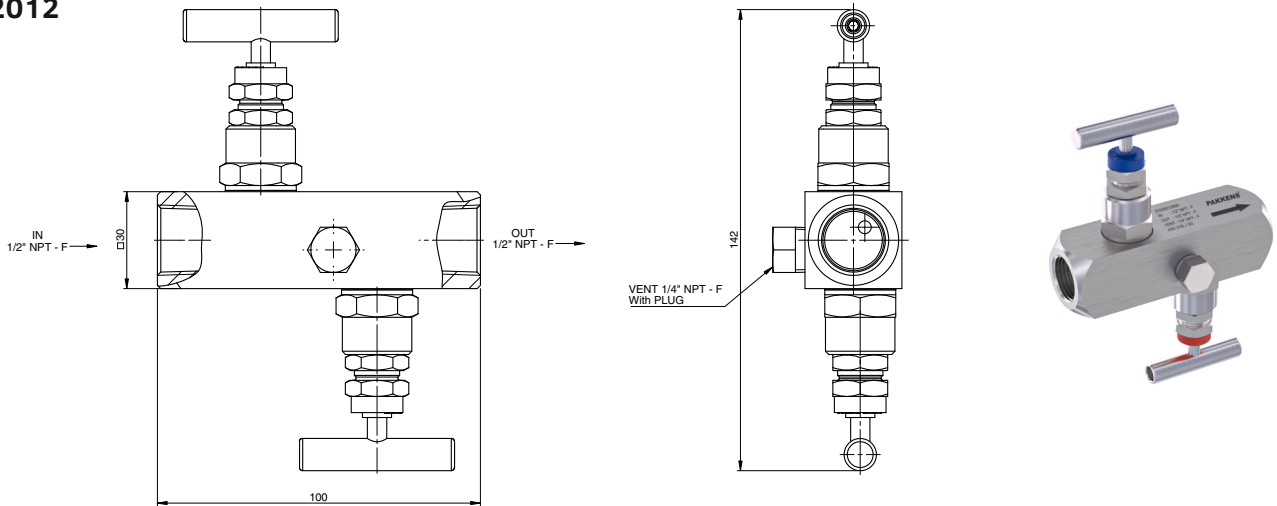


Operating Pressure & Temperature Range:

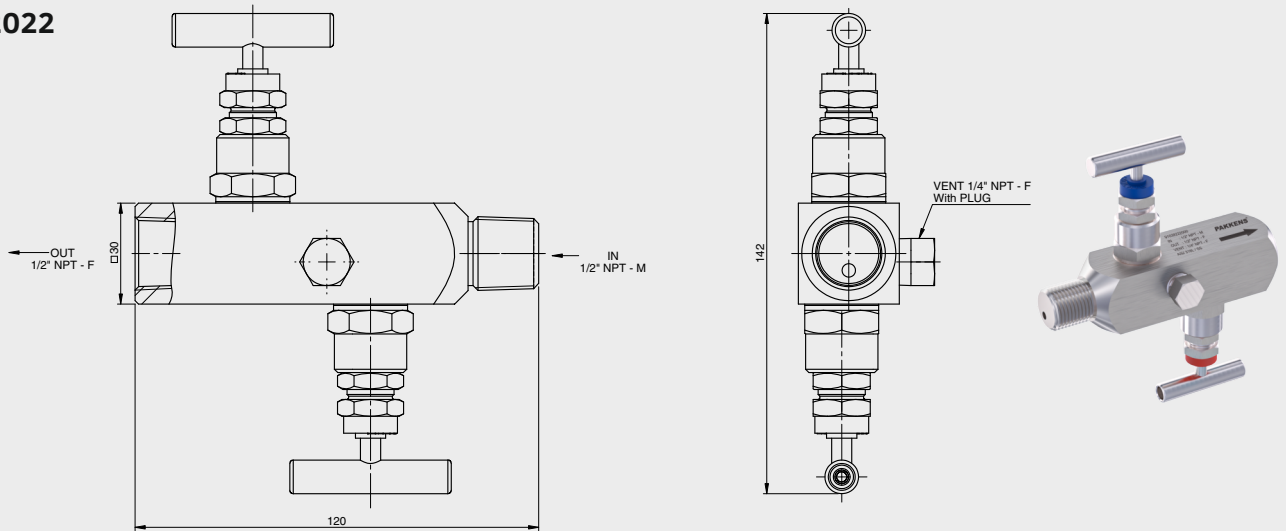


Dimensions (mm):

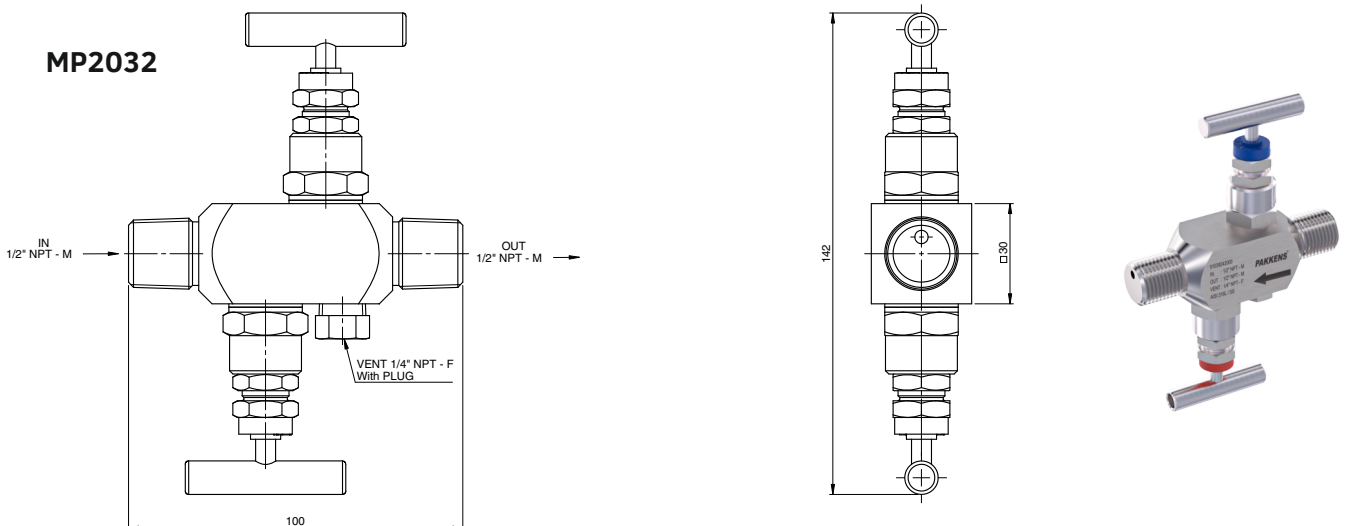
MP2012



MP2022

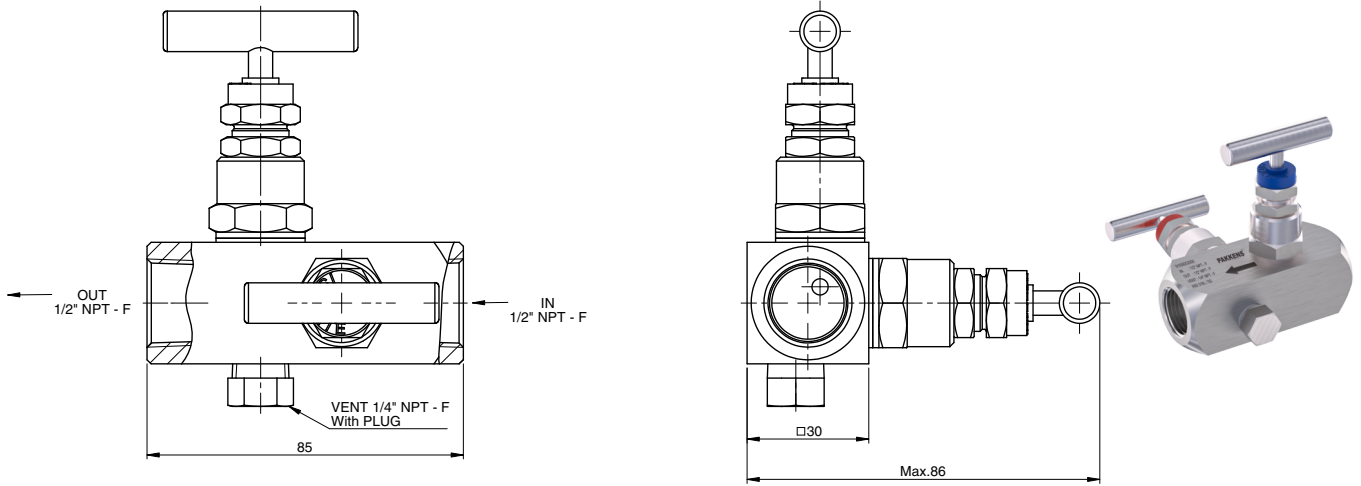


MP2032

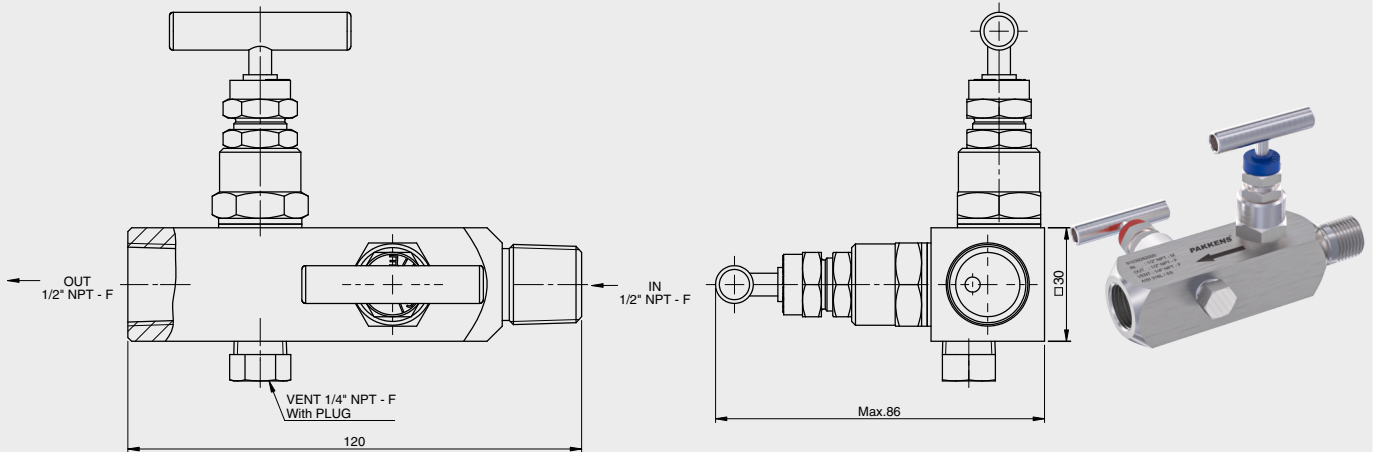


Dimensions (mm):

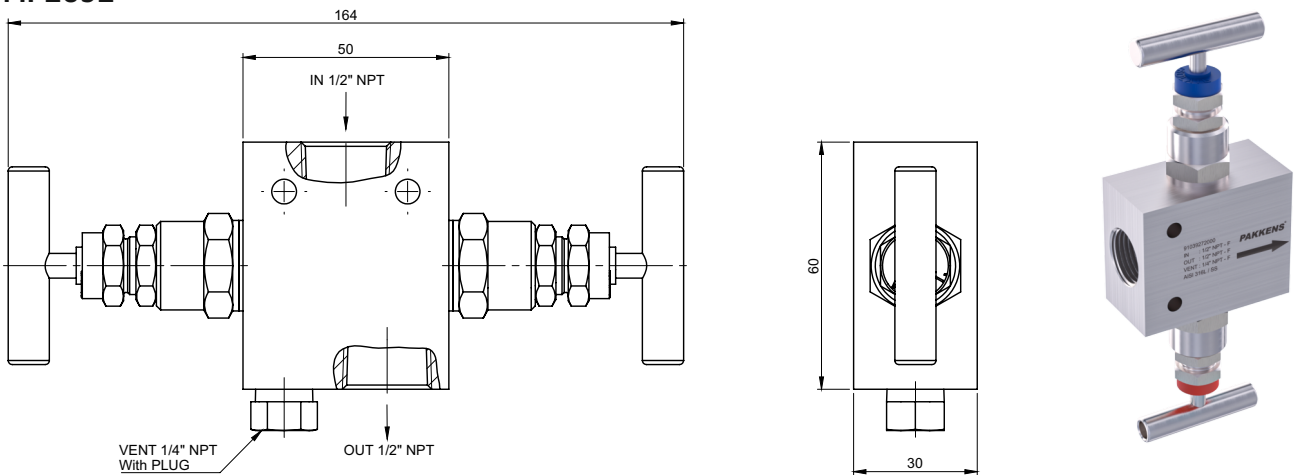
MP2072



MP2082

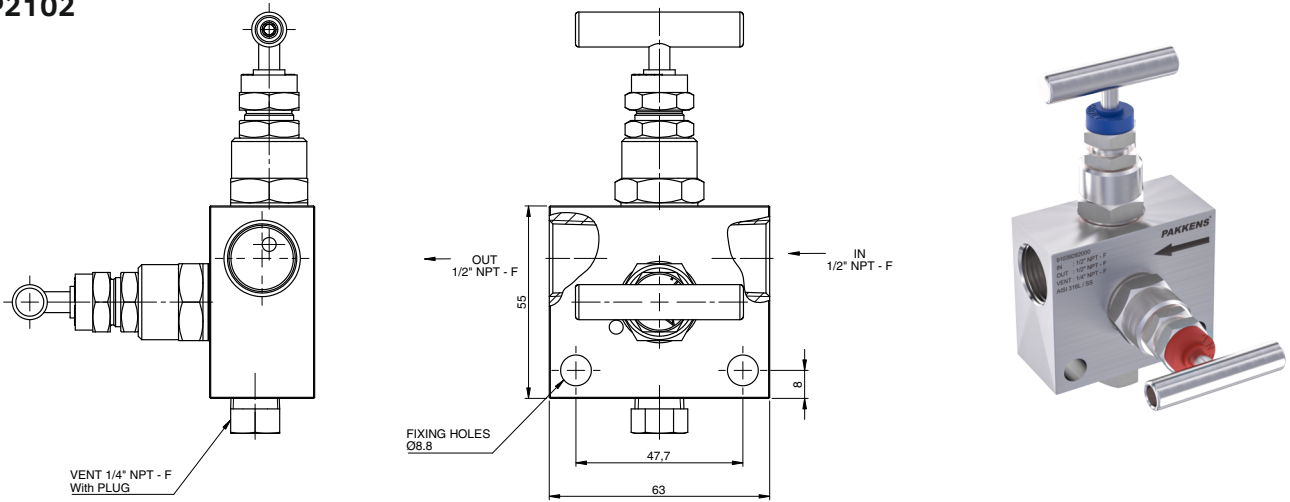


MP2092



Dimensions (mm):

MP2102



MP2112

