



Description:

Single Block and Multiport Needle Valves are used for separating the process from the pressure sensing instruments, such as pressure gauges, pressure transmitters, and pressure switches. The valves are not compatible with the process fluids that are highly viscous, crystallizable, and aggressive. It contains 1 isolation valve and 1 discharge plug. By turning off the isolation valve, the instrument located on the valve can be disassembled for maintenance, calibration, or renewal of it. After closing the isolation valve, the trapped fluid between the valve and the pressure sensing instrument can be safely evacuated by the discharge plug.

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 (MP1012)
1/2"NPT-M / 1/2"NPT-F (MP1022, MP1052, MP1062)
1/2"NPT-M / 1/2"NPT-M (MP1032)

Discharge Connection:
1/4"NPT

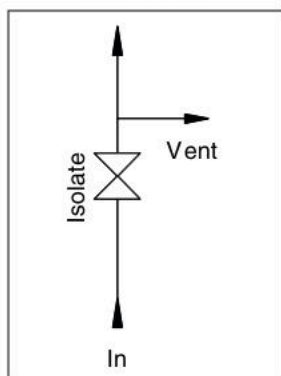
Bonnet Type:
Standard

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

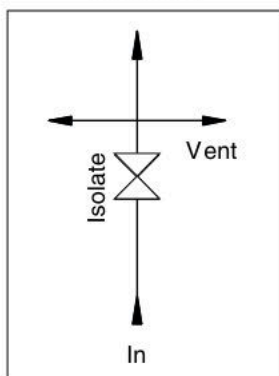
Gasket:
PTFE (Optional: Grapfoil)

Functional Diagram:

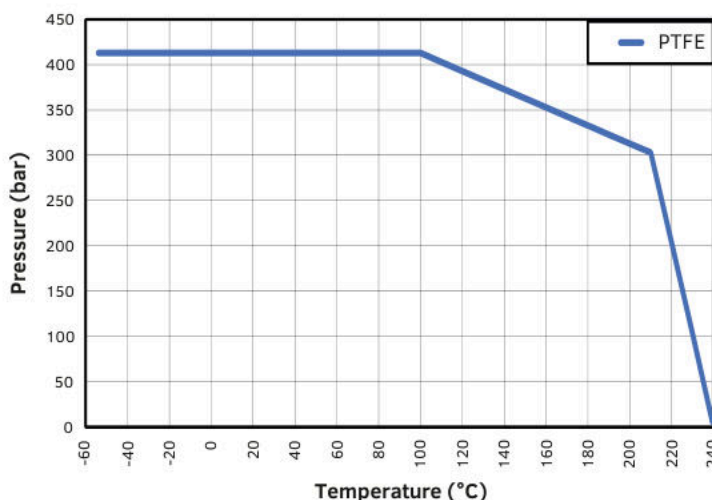
**MP1012, MP1022,
MP1032**



**MP1052,
MP1062**

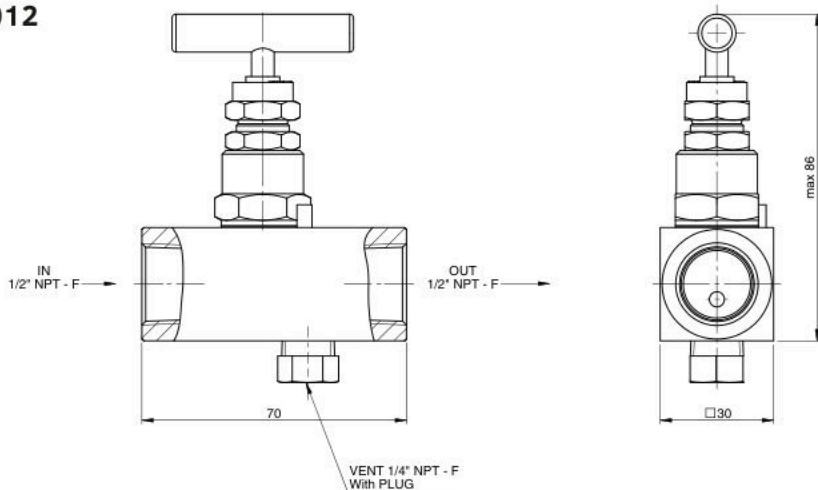


Operating Pressure & Temperature Range:

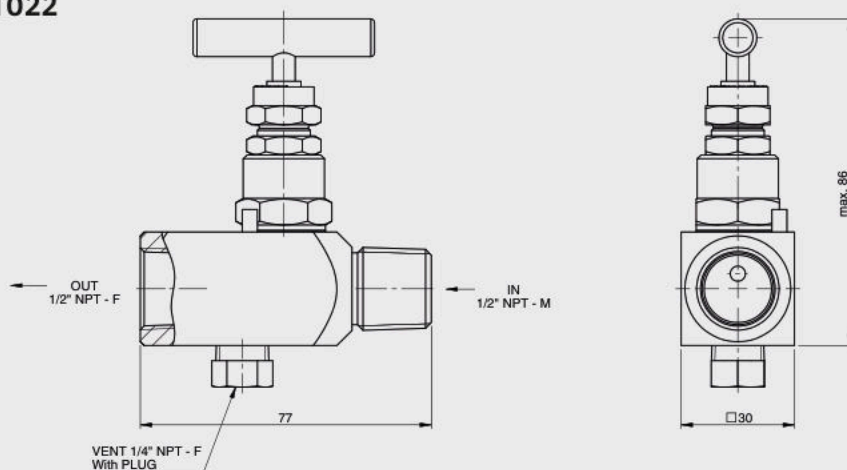


Dimensions (mm):

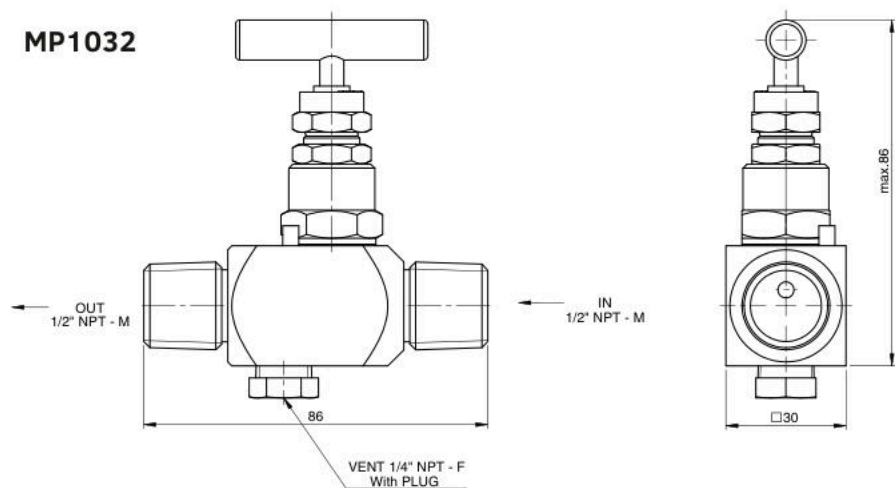
MP1012



MP1022

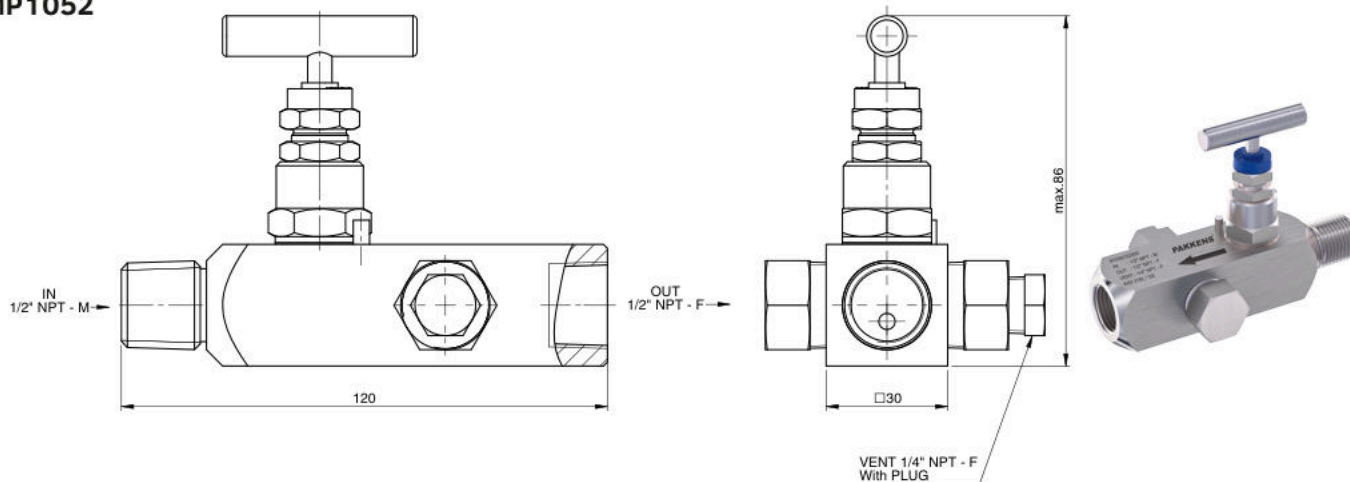


MP1032



Dimensions (mm):

MP1052



MP1062

