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**KALPATARU
PIPING SOLUTIONS**
AN ISO 9001:2015 / PED C E / API 5L APPROVED CO.

VALVES

BALL VALVES



2 WAY BALL VALVE



3 WAY BALL VALVE



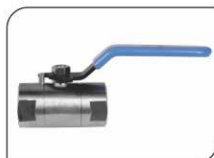
5 WAY BALL VALVE



MINI BALL VALVE



**PANEL MOUNT
BALL VALVE**



**ROUND BODY
BALL VALVE**



SQUARE BALL VALVE

Available Grade : Nickel Alloys (Inconel / Monel / Hastelloy / Nickel / SMO254) Cupro-Nickel / Duplex / Super Duplex / Titanium / Stainless Steel

Size : 1/8" to 1" Pipe Thread. 1/8" OD to 1" OD and 3mm OD to 25mm OD.

Design : Available in 2 Piece design, 3piece Design.

Other Features : Optional Panel Mounting.

Pressure Rating : Up to 3000 PSI (210 Bar) with PTFE Packing.
Up to 10000 PSI (689 Bar) With Peek Packing.

Variety of end : Male & Female NPT, BSPP, BSPT, ISO tapered Pipe ends.

Connections : -54°C to 204°C with PTFE packing,
Temperature : -30°C to 100°C with PTFE packing,
Rating : -54°C to 260°C with peek packing.

Testing : 100% factory tested - Heat code traceability
Certification : EN 10204 TYPE 3.1

NEEDLE VALVES



**Needle Valves Screwed
Bonnet Design
(Female x Female)**



**Needle Valves Screwed
Bonnet Design
(Male x Male)**



**Angle Needle Valves
Screwed Bonnet Design**



**Needle Valves
Screwed Bonnet Design
(Male x Female)**



**Panel Mount Needle
Valves Model No.
GV-53-PNV Screwed Ends
(Female X Female)**



**Needle Valves Screwed
Bonnet Double Ferrule
Tube Ends (Tube x Tube)**

Available Grade : Nickel Alloys (Inconel / Monel / Hastelloy / Nickel / SMO254) Cupro-Nickel / Duplex / Super Duplex / Titanium / Stainless Steel

Size : 1/8" to 1" Pipe Thread. 1/8" OD to 1" OD and 3mm OD to 25mm OD.

Other Features : Non Rotating Stem Tip / Optional Panel Mounting.

Pressure Rating : 6000 PSI (414 bar) at 100°F (38°C).
10000 PSI (689 bar) at 100°F (38°C).

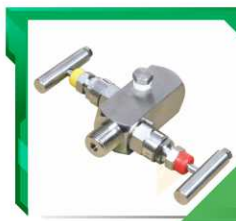
Variety of end : Male & Female NPT, BSPP, BSPT, ISO tapered Pipe ends.

Connections : -54°C to 232°C with PTFE packing Up to 426°C with
Temperature : optional Graphoil Packing.

Rating : -30°C to 100°C with Delrin Packing.
Testing : -54°C to 260°C with Peek packing.

100% factory tested - Heat code traceability.

Certification : EN 10204 TYPE 3.1



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MANIFOLD VALVES



**Multi
Port Gauge Valves**



**Single Block & Bleed
Gauge Valves**



**Double Block &
Bleed Gauge Valves**



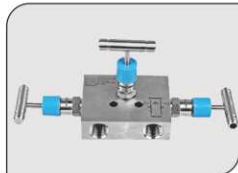
**Two Valve (three-way)
Manifold for Pressure Instruments**



**Two Valve Manifold
Remote Mount (Pipe X Pipe)**



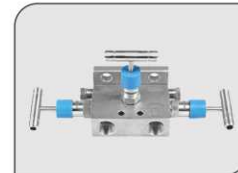
**Two Valve Manifold "T" Type
Pressure Instruments (Pipe x Flange)**



**Three Valve Manifold
Remote Mount (Pipe x Pipe)**



**Three Valve Manifold Bar Type
Direct Mount (Pipe x Flange)**



**Three Valve Manifold Direct
Mount T Type (Pipe x Flange)**



**Three Valve Manifold Direct
Mount H Type (Flange x Flange)**



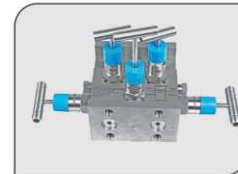
**Coplanar Mounting Three Valve
Manifold with Drain Plugs (Pipe x Flange)**



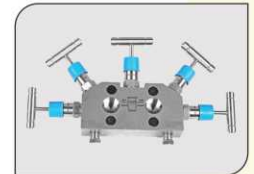
**Five Valve Manifold Remote
Mount (Pipe x Pipe)**



**Five Valve Manifold Bar Type
Direct Mount (Pipe x Flange)**



**Five Valve Manifold Direct
Mount H Type (Flange x Flange)**



**Five Valve Manifold Coplanar
Mount (Pipe x Flange)**

SPECIFICATION

Available Grade	:	Nickel Alloys (Inconel / Monel / Hastelloy / Nickel / SMO254) Cupro-Nickel / Duplex / Super Duplex / Titanium / Stainless Steel
Size	:	Standard port Size - 1/2", Drain port size- 1/4" & 1/2"
Type	:	2 way,3 way & 5 way Valve
Other Features	:	Non Rotating Stem Tip .
Pressure Rating	:	6000 PSI (414 bar) at 100°F (38°C).
Design	:	Available with Pipe to Pipe, Pipe to Flange, Flange to Flange.
Variety of end connections	:	Male & Female NPT, BSPP, BSPT, ISO tapered pipe ends, Flange ends.
Temperature Rating	:	-54°C to 232°C with PTFE packing Up to 426°C with optional Graphoil Packing.
Testing	:	100% factory tested - Heat code traceability.
Certification	:	EN 10204 TYPE 3.1



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MONO FLANGE VALVES



Five Valve Manifold Coplanar Mount (Pipe x Flange)



Monoflange Block & Bleed Valve



Monoflange DBB Valves



Key Block DBB Valves

SPECIFICATION

Available Grade	: Nickel Alloys (Inconel / Monel / Hastelloy / Nickel / SMO254) Cupro-Nickel / Duplex / Super Duplex / Titanium / Stainless Steel
Size	: Drain port size- 1/2".
Class	: ANSI B16.5 flanged inlet connection 1/2" to 2" Sizes 150lbs rated to 2500lbs rated.
Thickness	: Material thickness to ANSI B16.34.
Other Features	: Non Rotating Stem Tip .
Pressure Rating	: 6000 PSI (414 bar) at 100°F (38°C).
Design	: Available with Pipe to Flange, Flange to Flange.
Temperature Rating	: -54°C to 232°C with PTFE packing Up to 426°C with optional Graphoil Packing.
Testing	: 100% factory tested - Heat code traceability.
Certification	: EN 10204 TYPE 3.1