



Manufacturer and Supplier of all type Instruments and Hydraulic Valves, Fittings, Tubes & Clamps, Pipes, Pressure & Temp. Gauges, RTD's, Thermocouples, Thermowells, Flanges, Flushing Rings, Condensate Pot, Pressure Regulator & Air Headers



Registered office

**B509, Sunshine Tower, Geeta Nagar Near
Sardar Vallabhbhai Patel School Vapi,
Valsad, Gujarat, Pin Code: 396191**



+91 7397871355



info@dkvalvesfitting.com



www.dkvalvesfitting.com

INDEX

• Needle Valves.....	01
• Multi-Port (Gauge Root) Needle Valves.....	01
• Block & Bleed Valves.....	02
• Monoflange Valves.....	02
• Manifold Valves.....	03~04
(i) 2 Way Manifold Valves.....	03
(ii) 3 Way Manifold Valves.....	03
(iii) 5 Way Manifold Valves.....	04
(iv) Vent Valves (Bleed Valves).....	04
• Pressure Gauges Accessories.....	05~07
(i) Air Header & Distribution Manifold Valves.....	05
(ii) Condensate Pot.....	05
(iii) Gauge Cock.....	06
(iv) Gauge Saver.....	06
(v) Syphon.....	06
(vi) Snubber.....	07
(vii) Flushing Ring.....	07
(viii) Small Cooling Tower.....	07
• Check Valves (NRV)	08
• Safety Valves.....	08
• Ball Valves.....	09
(i) Low & High Pressure Ball Valves.....	09
(ii) Panel Mounting Ball Valves.....	09
• Precision Pipe Fittings.....	10
• Casting & Forged Fittings.....	10
• Compression Tube Fittings.....	11
• Seamless Tubes & Tubes Clamps.....	11
• High Pressure Valves & Fittings.....	12
• Hydraulic Valves.....	13~14
(i) NV (Needle Valves).....	13
(ii) DV (Direction Valves).....	13
(iii) DRV (Flow Control Valves).....	13
(iv) NRV (Non Returner Valves).....	14
(v) Quick Release Coupling (QRC).....	14
(vi) Hydraulic Ball Valves.....	14
• Hydraulic Fittings.....	15~16
(i) Hydraulic Pipe Fittings.....	15
(ii) Hydraulic Tube Fittings.....	15
(iii) 37 deg. JIC Fittings.....	15
(iv) Hydraulic Butt Weld Fittings.....	16
(v) 'O' Ring Face Seal Fitting.....	16
• Hose Pipes.....	16
• Industrial Valves.....	17~18
(i) Investment Costing Ball Valves.....	17
(ii) Gate Valves.....	17
(iii) Globe Valves.....	17
(iv) Gauge Glass Valves.....	18
(v) TC End Ball Valves & Fittings.....	18
(vi) Mini Ball Valves.....	18
• Flanges & Thermowells.....	19
• Pressure Gauges.....	20
• Temperature Gauges.....	20
• RTD.....	21
• Thermocouples	21
• Diaphragm Seal & Remote Seals.....	22
• Pressure Regulators.....	22

COMPANY PROFILE

Dk-Lock® an ISO 9001 – 2015 certified company that was established in the year 2024. Managing Director Mr. Devendra Tiwari has wide experience of above 15 years in this field.

He has worked in many limited instruments valves and fittings manufacturing companies as a post of production & development manager and quality manager. He has also received best improvement and Kizen awards in several companies. He has done engineering and he does the designing himself in his company. He has complete knowledge of all types of measuring and testing instruments used in valves and fittings.

We are one of the leading manufacturers and Exporter of Instrument Valves & Fittings Industries, in India. Specialized in Manifold Valves, Ball valves, compression tube fittings, Precision pipe fittings, High pressure fittings & valves, Check Valves, Flow control & Direction Valves, hydraulic fittings and Hydraulic valves, in different sizes and metals as per client's requirement.

Industries We Serve



Oil & Gas



Coal Mining



Fertilizers



Railways



Pharmaceutical



Nuclear Plants



Chemical
Injection
Skids



Ship Building

Pressure Testing Facility

(i) Hydraulic Pressure Testing capacity 1500 Bar

(ii) Pneumatic Pressure Testing capacity 15 Bar

Needle Valves

Design Standard : MSS-SP-99 / ASME B16.34

Design Type : 2way, 3way, Straight Type, Angle Type

Body Design : Square Body, Round Body, Hex Body,

Forged Body, Panel Mounting

End Conn. Size : 1/4" to 2" & 1/4" (6mm) to 1" (28mm) OD

End Conn. Type : Screwed (NPT, BSP, BSPT & Metric)

/ Tube End / Socket Weld / But Weld / Flange End &

Other Customised end on Request

Pressure Rating : 0 to 413 Bar (6000 Psi)

Temperature Rating : 0 to 550 Deg. C

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C / Duplex

Needle Type : Hard Seated (Cone/Ball Type)

Stem Packing : PTFE/Peek /Grafoil

Special Features : 1100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Multi-port Needle Valves

Design Standard : MSS-SP-99 / ASME B16.34

Design Type : 2way, 3way, Straight Type

Body Design : Square Body

End Conn. Size : 1/4" to 1" / 1/4" (6mm) to 1" (28mm) OD

End Conn. Type : Screwed (NPT, BSP, BSPT & Metric)

Socket Weld / But Weld / Other Customised end on Request

Pressure Rating : 0 to 413 Bar (6000 Psi)

Temperature Rating : 0 to 550 Deg. C

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C / Duplex

Needle Type : Hard Seated (Cone/Ball Type)

Stem Packing : PTFE/Peek /Grafoil

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Block & Bleed Valves

- Design Standard :** MSS-SP-99 / ASME B16.34
- Design Type :** Single/Double Block & Bleed; Forged & Bolted Body
- Body Design :** Round Body, Hex Body, Square Body, Forged Body
- End Conn. Size :** 1/4" to 1"; 1/2" 150# to 2" 2500# Flanged
- End Conn. Type :** Screwed (NPT, BSP, BSPT & Metric) Socket Weld
- / Flange End & Other Customised end on Request
- Pressure Rating :** 0~413 Bar (6000 Psi) or as per Flange Rating
- Temperature Rating :** 0 to 550 Deg. C
- Material :** SS304 / SS316 / Inconel / Monel / Hastelloy-C / Duplex
- Needle Type :** Hard Seated (Cone / Ball Type)
- Stem Packing :** PTFE/Peek /Grafoil
- Special Features :** 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.

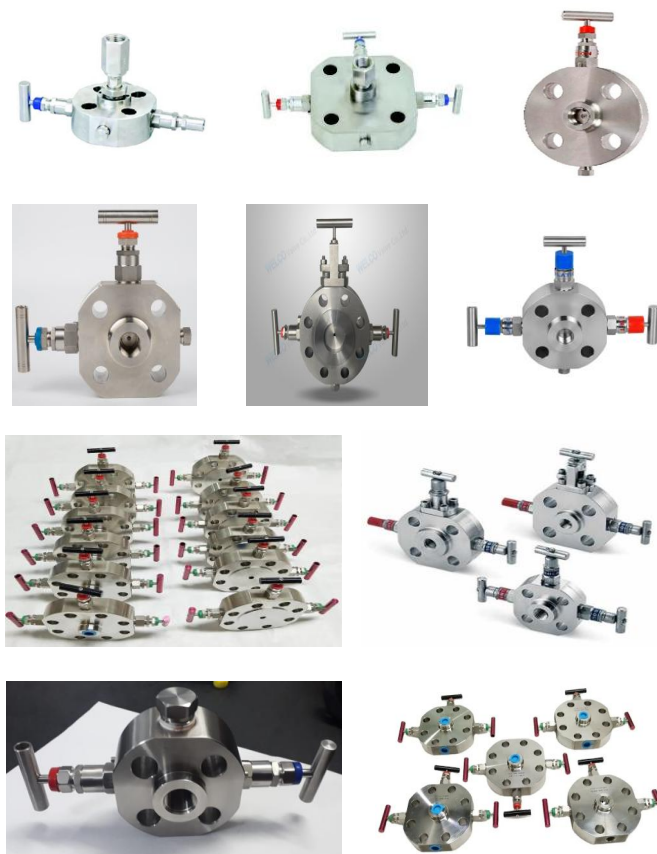


Monoflange Valves

- Design Standard :** MSS-SP-99 / ASME B16.34
- Design Type :** Single / Double / Double Isolation & Drain Type
- Body Design :** Round Body, Square Body & Forged Body
- End Conn. Size :** 1/4" to 1/2"; 1/2" 150# to 2" 2500# Flanged
- End Conn. Type :** Screwed (NPT, BSP, BSPT & Metric) Socket Weld
- Flange End & Other Customised end on Request
- Pressure Rating :** 0 to 413 Bar (6000 Psi)
- Temperature Rating :** 0 to 550 Deg. C
- Material :** SS304 / SS316 / Inconel / Monel / Hastelloy-C / Duplex
- Needle Type :** Hard Seated (Cone / Ball Type)
- Stem Packing :** PTFE/Peek /Grafoil
- Special Features :** 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



2 Way Manifold Valves

Design Standard : MSS-SP-99 / ASME B16.34
Design Type : 2 way (RM-Type, R-Type, T-Type & H-Type)
Body Design : Square Body, Rectangle Body & Forging Body
End Conn. Size : 1/4" to 1/2"; Flange DIN 19213
End Conn. Type : Screwed(NPT, BSP, BSPT & Metric) & Flange End
Pressure Rating : 0 to 413 Bar (6000 Psi)
Temperature Rating : 0 to 550 Deg. C
Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C / Duplex
Needle Type : Hard Seated (Cone / Ball Type)
Stem Packing : PTFE / PEEK / Grafoil
Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



3 Way Manifold Valves

Design Standard : MSS-SP-99 / ASME B16.34
Design Type : 3 way (RM-Type, R-Type, T-Type & H-Type)
Body Design : Square Body, Rectangle Body & Forging Body
End Conn. Size : 1/4" to 1/2"; Flange DIN 19213
End Conn. Type : Screwed(NPT, BSP, BSPT & Metric) & Flange End
Pressure Rating : 0 to 413 Bar (6000 Psi)
Temperature Rating : 0 to 550 Deg. C
Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C / Duplex
Needle Type : Hard Seated (Cone / Ball Type)
Stem Packing : PTFE / PEEK / Grafoil
Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.





5 Way Manifold Valves

- Design Standard :** MSS-SP-99 / ASME B16.34
- Design Type :** 5 way (RM-Type, R-Type, T-Type & H-Type)
- Body Design :** Square Body, Rectangle Body & Forging Body
- End Conn. Size :** 1/4" to 1/2"; Flange DIN 19213
- End Conn. Type :** Screwed(NPT, BSP, BSPT & Metric) & Flange End
- Pressure Rating :** 0 to 413 Bar (6000 Psi)
- Temperature Rating :** 0 to 550 Deg. C
- Material :** SS304 / SS316 / Inconel / Monel / Hastelloy-C / Duplex
- Needle Type :** Hard Seated (Cone / Ball Type)
- Stem Packing :** PTFE / PEEK / Grafoil
- Special Features :** 100% leakage test for seat and shell.
- Complete Material Traceability.
- Also available with Material compliance to NACE MR-01-75.



Vent Valves /Bleed Valves

- Design Standard :** MSS-SP-99 / ASME B16.34
- Design Type :** Plug Type & Bonnet Type
- Body Design :** Hex Body
- End Conn. Size :** 1/4" to 1"
- End Conn. Type :** Screwed(NPT, BSP, BSPT & Metric)
- Pressure Rating :** 0 to 413 Bar (6000 Psi)
- Temperature Rating :** 0 to 550 Deg. C
- Material :** SS304 / SS316 / Inconel / Monel / Hastelloy-C / Duplex
- Needle Type :** Hard Seated (Cone / Ball Type)
- Stem Packing :** PTFE / PEEK / Grafoil
- Special Features :** 100% leakage test for seat and shell.
- Complete Material Traceability.
- Also available with Material compliance to NACE MR-01-75.



Air Header & Distribution Manifold Valves

Design Standard : ASTM B16.34 / MSS-SP-99

Design Type : 02 way to 20 way or as per customer requirement

Body Design : Square Body, Rectangle Body, Hex Body, Pipe & Cap

End Conn. Size : 1/4" ~ 2" Screwed; 1/2" 150# ~ 6" 2500# Flanged

End Conn. Type : Screwed(NPT, BSP, BSPT) & Flange End

Pressure Rating : 0 to 413 Bar (6000 Psi)

Temperature Rating : 0 to 550 Deg. C

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C / Duplex

Needle Type : Hard Seated (Cone / Ball Type)

Stem Packing : PTFE / PEEK / Grafoil

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Condensate Pot

Design Standard : ASTM A312

Design Type : 2 way, 3 Way & 4 Way

Condensate Pot Body : Pipe & Cap

End Conn. Size : 1/4" to 1"

End Conn. Type : Screwed(NPT, BSP, BSPT & Metric)

Pressure Rating : 0 to 413 Kg/cm2 (6000 Psi)

Temperature Rating : 0 to 1200 Deg. C

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C / MS

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Gauge Cock

Design Standard : ASTM B16.34 / MSS-SP-99
Design Type : 2 way & 3 Way
Body Design : Round, Hex, Square & Forging Body
End Conn. Size : 1/4" to 1"
End Conn. Type : Screwed (NPT, BSP, BSPT & Metric)
Pressure Rating : 0 to 100 Kg/cm² (1500 Psi)
Temperature Rating : - 73 C to +204 C
Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C
Stem Packing : PTFE
Special Features : 100% leakage test for seat and shell.
 Complete Material Traceability.
 Also available with Material compliance to NACE MR-01-75.



Gauge Saver

Design Standard : ASTM B16.34 / MSS-SP-99
Body Design : Square Body
End Conn. Size : 1/4" to 1/2"
End Conn. Type : Screwed (NPT, BSP, BSPT & Metric)
Pressure Rating : 0 to 413 Bar (6000 Psi)
Temperature Rating : - 60 C to +300 C
Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C
Stem Packing : Nitrile (NBR) / EPDM / PTFE / Viton (FKM) / Silicone
Special Features : 100% leakage test for seat and shell.
 Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Syphon

Design Standard : DIN 16282
Design Type : Q-Type, U-Type, Pigtail Type & Customize Type
Syphon Body : Pipe Sch40, Sch80 & Sch160
End Conn. Size : 1/4" to 1/2"
End Conn. Type : Screwed (NPT, BSP, BSPT & Metric)
Pressure Rating : 0 to 413 Bar (6000 Psi)
Temperature Rating : - 60 C to +1200 C
Material : MS / SS304 / SS316 / Inconel / Monel / Hastelloy-C
Special Features : 100% leakage test for seat and shell.
 Complete Material Traceability.
 Also available with Material compliance to NACE MR-01-75.

Snubber

Design Standard : ASTM B16.34 / MSS-SP-99

Design Type : 2 way Straight type

Body Design : Hex Body & Square Body

End Conn. Size : 1/4" to 1"

End Conn. Type : Screwed(NPT, BSP, BSPT & Metric)

Pressure Rating : 0 to 413 Bar (6000 Psi)

Temperature Rating : - 60 C to +300 C

Stem Packing: Nitrile(NBR) / EPDM / PTFE / Viton(FKM) / Silicone

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Flushing Ring

Design Standard : ASTM B16.5 / DIN EN 1092-1

Body Design : Round Body

Size : 1" 150# ~ 5" 600# / DN25 PN10 ~ DN125 PN100

End Conn. : Screwed(NPT, BSP, BSPT & Metric)

Pressure Rating : as per Flange Standard

Temperature Rating : as per Material Type

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Small Cooling Tower

Design Type : 2 way straight type

Body Design : Round Body & Hex Body

End Conn. Size : 1/4" to 1"

End Conn. Type : Screwed(NPT, BSP, BSPT & Metric)

Pressure Rating : 0 to 413 Bar (6000 Psi)

Temperature Rating : as per Material type

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Check Valves(NRV)

Design Standard : ASME B16.34 / MSS-SP-99 / API 598
Body Design : 1PC & 2PC (Horizontal / Vertical Both Type)
Body Design : Hex Body, Square Body & Round Body
End Conn. Size : 1/4" to 2" & 1/4"(6mm)OD ~ 1"(25mm) OD
Conn. type : Screwed(NPT, BSP, BSPT & Metric) & Tube End
Pressure Rating : 0 to 1000 Bar (15000 Psi)
Temperature Rating : - 60°C to +300°C
Packing: Nitrile(NBR) / EPDM / PTFE / Viton(FKM) / Silicone
Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex
Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Safety Valves

Design Standard : ASME B16.34 / MSS-SP-99 / API 526
Design Type : Straight Type & Angle Type
Body Design : Hex Body, Square Body, Round Body & Forged Body
End Conn. Size : 1/4" to 2"
Conn. type : Screwed(NPT, BSP, BSPT), Tube End & Flange
Pressure Rating : 0 to 413 Bar (6000 Psi)
Temperature Rating : - 60 C to +300 C
Packing : Nitrile(NBR) / EPDM / PTFE / Viton(FKM) / Silicone
Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex
Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Low & Medium Pressure Ball Valves

Design Standard : MSS-SP-99, ANSI B16.34 / API 608

Valve Type Design : 2PC & 3PC (Straight Type)

Valve Body Design : Hex Body, Square Body, Round Body

End Conn. Size : 1/4" to 2" & 1/4" (6mm) OD ~ 1" (28mm) OD

End Conn. type : Screwed(NPT, BSP, BSPT) / Tube End / SW / BW

Pressure Rating : 0 to 525 Bar (8000 Psi)

Temperature Rating : - 60 C to +300 C

Body Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone

Ball & Stem Packing : PTFE / POM(Delrin) / PEEK

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Panel Mounting Ball Valves

Design Standard : MSS-SP-99, ANSI B16.34 / API 608

Valve Type Design : 2 Way, 3 Way & 4way (Straight & Angle Type)

Valve Body Design : Square Body & Forged Body

End Conn. Size : 1/4" to 1" & 1/4" (6mm) OD ~ 1" (25mm) OD

End Conn. type : Screwed(NPT, BSP, BSPT) / Tube End / SW / BW

Pressure Rating : 0 to 525 Bar (8000 Psi)

Temperature Rating : - 60 C to +300 C

Body Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone

Ball & Stem Packing : PTFE / POM(Delrin) / PEEK

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Precision Pipe Fittings



Design Standard : ASME B16.11 / MSS-SP-79,83,95,97

Design Type : Hex Nipple, Pipe Nipple, Hose Nipple, Coupling, Cap, Plug, Union, Adopter, Reducer, Bushing, Elbow, Tee, Crass,

Body Design : Hex, Square, Pipe & Forged Body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed (NPT, BSP, BSPT & Metric)

Pressure Rating : Sch40(3000#), Sch80(6000#) & Sch160(9000#)

Temperature Rating : - 60 C to +1200 C

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.

Casting & Forged Pipe Fittings

Design Standard : ASME B16.11 / MSS-SP-79,83,95,97

Design Type : Hex Nipple, Pipe Nipple, Hose Nipple, Coupling, Cap, Plug, Union, Adopter, Reducer, Bushing, Elbow, Tee, Crass,

Body Design : Hex, Square, Pipe & Casting Body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed (NPT, BSP, BSPT & Metric) / SW / BW

Pressure Rating : Sch40(3000#), Sch80(6000#) & Sch160(9000#)

Temperature Rating : - 60 C to +1200 C

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Compression Tube Fittings

Design Standard : BS 4368-4 / JIS B2351 / ASTM F1387

Design Type : Connector, Union, Elbow, Tee, Crass,
Tube Cap & Tube Plug

Body Design : Hex, Round, Pipe & Forged Body

End Conn. Size : 1/4" (6mm) OD to 1" (28mm) OD

End Conn. type : Screwed (NPT, BSP, BSPT & Metric) / SW / BW

Pressure Rating : 0 to 700 Bar (10000 Psi)

Temperature Rating : - 60 C to +1200 C

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Seamless Tube, Pipe, Clamps & Channels

Design Standard : ASTM A269, A213, A312 & DIN3015

Design Type : Straight tube, Straight Pipe, Coil Tube,
Single & Double Hole Pipe Clamps & C-type Channels

Size : 1/8" to 4"

Pre. & Temp. Rating : Dependent on Tube / Pipe Size & MOC

Tube & Pipe Material : MS / SS304 / SS316 / Inconel / Monel /
Hastelloy-C/ Duplex / Other Material on Customer Request



High Pressure Valves

Design Type : 2 Way, 3 Way, Straight Type / Angle Type

Body Design : Square Body / Rectangle Body / Forged Body

End Conn. Type & Size : Screwed 1/4", 3/8" & 1/2" (NPT, BSP, BSPT & UNF) / Tube(1/4", 3/8", 9/16", 3/4" & 1")

Pressure Rating : 0 to 1380 Bar (20,000 Psi)

Temperature Rating : - 73 C to +204 C

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex

Body & Seat Packing : PTFE / PEEK / POM

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



High Pressure Fitting

Design Type : 2,3 & 4 Way, Straight Type / Angle Type

Body Design : Square Body / Rectangle Body / Hex Body /Tube

End Conn. Type & Size : Screwed 1/4", 3/8" & 1/2" (NPT, BSP, BSPT & UNF) / Tube(1/4", 3/8", 9/16", 3/4" & 1")

Pressure Rating : 0 to 4137 Bar (60,000 Psi)

Temperature Rating : as per Raw Material of Fittings

Material : SS304 / SS316 / Inconel / Monel / Hastelloy-C/ Duplex

Special Features : 100% leakage test for seat and shell.

Complete Material Traceability.

Also available with Material compliance to NACE MR-01-75.



Hydraulic Needle Valves

Design : DIN ISO 228 / ANSI B1.20.1 / SAE J514 / DIN 2353
Valve Type Design : 2, 3 & 4way Straight & Angle Type
Valve Body Design : Square Body, Hex Body & Forged Body
End Conn. Size : 1/4" to 2" / 06L to 42L / 08S to 38S
End Conn. type : Screwed(BSP / NPT / UNF) & Tube (Metric)
Pressure Rating : 0 to 525 Bar (8000 Psi)
Temperature Rating : - 60 C to +300 C
Body Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone
Ball & Stem Packing : PTFE / POM(Delrin) / PEEK
Material : MS / SS304 / SS316 & Other Material on Request
Special Features : 100% leakage test for seat and shell.



DV (Direction Valves)

Design : DIN ISO 228 / ANSI B1.20.1 / SAE J514 / DIN 2353
Valve Type Design : 2, 3 & 4Way Straight Type
Valve Body Design : Square Body, Hex Body & Forged Body
End Conn. Size : 1/4" to 2" / 06L to 42L / 08S to 38S
End Conn. type : Screwed(BSP / NPT / UNF) & Tube (Metric)
Pressure Rating : 0 to 525 Bar (8000 Psi)
Temperature Rating : - 60 C to +300 C
Body Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone
Ball & Stem Packing : PTFE / POM(Delrin) / PEEK
Material : MS / SS304 / SS316 & Other Material on Request
Special Features : 100% leakage test for seat and shell.



DRV (Flow Control Valves)

Design : DIN ISO 228 / SAE J514
Valve Type Design : 2 Way Straight Type
Valve Body Design : Square Body, Rectangle Body & Forged Body
End Conn. Size : 1/4" to 2"
End Conn. type : Screwed(BSP / UNF / Metric)
Pressure Rating : 0 to 525 Bar (8000 Psi)
Temperature Rating : - 60 C to +300 C
Body Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone
Ball & Stem Packing : PTFE / POM(Delrin) / PEEK
Material : MS / SS304 / SS316 & Other Material on Request
Special Features : 100% leakage test for seat and shell.



Hydraulic NRV

Design Standard : ASME B16.34 / BS 5352/ API 6D / API 594

Body Design : 1PC & 2PC (Horizontal / Vertical Both Type)

Body Design : Hex Body, Square Body & Round Body

End Conn. Size : 1/4" to 2"

Conn. type : Screwed (BSP, UNF & Metric)

Pressure Rating : 0 to 525 Bar (8000 Psi)

Temperature Rating : - 60°C to +300°C

Packing: Nitrile(NBR) / EPDM / Viton(FKM) / Silicone

Material : MS A105

Special Features : 100% leakage test for seat and shell.



Quick Release Coupling (QRC)

Design : ISO 7241-1 (Series A and B) / ISO 16028,

Design Type : Straight-through, Single check valve, and Double check valve QRCs,

Valve Body Design : Round Body & Hex Body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed (BSP / NPT / BSPT / Metric), Tube End, Hose End

Pressure Rating : 0 to 525 Bar (8000 Psi)

Temperature Rating : - 60 C to +300 C

Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone

Material : MS / SS304 / SS316 & Other Material on Request

Special Features : 100% leakage test for seat and shell.



Hydraulic Ball Valves

Design : API 608 / ISO 17292 / ASME B16.34

Valve Type Design : 2, 3 & 4way Straight & Angle Type

Valve Body Design : Square Body, Hex Body & Forged Body

End Conn. Size : 1/4" to 2" / 06L to 42L / 08S to 38S

End Conn. type : Screwed(BSP / NPT / UNF) & Tube (Metric)

Pressure Rating : 0 to 525 Bar (8000 Psi)

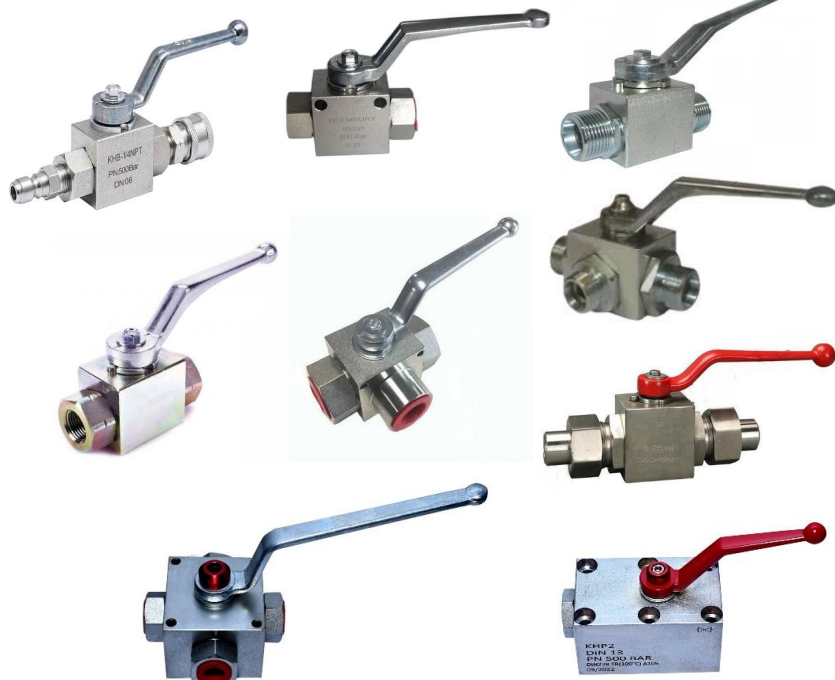
Temperature Rating : - 60 C to +300 C

Body Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone

Ball & Stem Packing : PTFE / POM(Delrin) / PEEK

Material : MS / SS304 / SS316 & Other Material on Request

Special Features : 100% leakage test for seat and shell.



Hydraulic Pipe Fittings

Design Standard : JIS / DIN ISO 228

Design Type : Hex Nipple, Reducing Hex Nipple, Swivel Connector, Bulkhead Union, Swivel Union, Hex Plug, Male Elbow, Swivel Male Elbow, Swivel Union Elbow, Male Tee, Swivel Branch Tee, Swivel Run Tee, Swivel Union Tee, Swivel Crass, Male Crass

Body Design : Round Body, Hex Body & Forged Body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed (BSPM(C-Type) / BSPF(D-Type)

Pressure Rating : 0 to 525 Bar (8000 Psi)

Temperature Rating : as per Material

Material : MS / SS304 / SS316 & Other Material on Request



Hydraulic Tube Fittings

Design Standard : DIN 2353 / EN 8434-1

Design Type : Connector, Union, Elbow, Tee, Crass, Tube Cap & Tube Plug,

Body Design : Round Body, Hex Body & Forged Body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed (BSP / NPT / UNF / Metric) and
Tube OD 06L to 42L & 08S to 38S

Pressure Rating : 100 Bar to 630 Bar

Temperature Rating : as per Material

Material : MS / SS304 / SS316 & Other Material on Request



37 Deg. JIC Fittings

Design Standard : JIC / SAE J514

Design Type : Connector, Union, Elbow, Tee, Crass, Tube Cap & Tube Plug,

Body Design : Hex Body & Forged Body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed (BSP / NPT / UNF / Metric)

Pressure Rating : 100 Bar to 630 Bar

Temperature Rating : as per Material

Material : MS / SS304 / SS316 & Other Material on Request



Hydraulic But Weld Fittings

Design Standard : DIN 2353 / EN 8434-1

Design Type : Connector, Union, Elbow, Tee, Crass, Tube Cap & Tube Plug,

Body Design : Round Body, Hex Body & Forged Body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed (BSP / NPT / UNF / Metric) and Tube OD 06L to 42L & 08S to 38S

Pressure Rating : 100 Bar to 630 Bar

Temperature Rating : as per Material

Material : MS / SS304 / SS316 & Other Material on Request



'O' Ring Face Seal Fittings

Design Standard : SAE J1453 / ISO 8434-3

Design Type : Connector, Union, Elbow, Tee, Crass, Tube Cap & Tube Plug,

Body Design : Round Body, Hex Body & Forged Body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed (BSP / NPT / UNF / Metric)

O-Ring Material □Nitrile(NBR) / EPDM / Viton(FKM) / Silicone

Pressure Rating : 0 to 420 Bar (6000 Psi)

Temperature Rating : - 60°C to +300°C

Material : MS / SS304 / SS316 & Other Material on Request



Hose Pipes

Hose Pipe Application : Hydraulic & Industrial Hose

Hose Pipe Standard : SAE100, EN853, EN857, IS-444 & IS-446

Hose Pipe Type: R1, R2, R3, R6, R13, R14, R15, R16, R17 & R19

Pipe Design: Single & Double Wire / Yarn Braid / Wrap & Smooth Finish

Hose Pipe Brand: Parker, J K Pioneer, Polyhose, Gates, Global Etc.

Hose Pipe Material : PVC / Rubber / SS Corrugated

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed(BSP / BSPT / NPT / UNF / Metric), TC End, Tube End, SW, BW, Flange end & other thread on request

Pressure Rating : upto 1000 Bar (15000 Psi)

Temperature Rating : - 54 C to +232 C

End Conn. Material : MS / SS304 / SS316 & Other Material on Request

Special Features : 100% leakage test for seat and shell.



Investment Costing Ball Valves

Design : API 6D / EN ISO 17292 / ASME B16.34 / BS 5351

Valve Type Design : 2PC & 3PC Straight Type

Valve Body Design : Costing Body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed(BSP / NPT / BSPT), Socket Weld,
But Weld, Flanged end & other thread on Request

Pressure Rating : upto 1500#

Temperature Rating : - 60 C to +250 C

Body Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone

Ball & Stem Packing : PTFE / POM(Delrin) / PEEK

Material : CF8 / CF8M / WCB & Other Material on Request

Special Features : 100% leakage test for seat and shell.



Gate Valves

Design : API 600 / API 602 / ISO 5211 / ASME B16.34 / BS5150

Valve Body Design : Square Body & Forged body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed(BSP / NPT / BSPT), Socket Weld,
But Weld, Flanged end & other thread on Request

Pressure Rating : upto 1500#

Temperature Rating : - 60 C to +250 C

Body Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone

Ball & Stem Packing : PTFE / POM(Delrin) / PEEK

Material : MS / SS304 / SS316 & Other Material on Request

Special Features : 100% leakage test for seat and shell.



Globe Valves

Design : API 600 / BS1873 / ASME B16.34 / ASME B16.50 & B16.10

Valve Body Design : Square Body & Forged body

End Conn. Size : 1/4" to 2"

End Conn. type : Screwed(BSP / NPT / BSPT), Socket Weld,
But Weld, Flanged end & other thread on Request

Pressure Rating : upto 1500#

Temperature Rating : - 60 C to +250 C

Body Packing : Nitrile(NBR) / EPDM / Viton(FKM) / Silicone

Ball & Stem Packing : PTFE / POM(Delrin) / PEEK

Material : MS / SS304 / SS316 & Other Material on Request

Special Features : 100% leakage test for seat and shell.



Gauge Glass Valves

- Valve Body Design :** Barstock Body & Forged Body
- End Conn. Size :** 1/4" to 1/2"
- End Conn. type :** Screwed(BSP / NPT / BSPT), Socket Weld, But Weld, Flanged end & other thread on Request
- Pressure Rating :** 0 to 420 Bar (6000 Psi)
- Temperature Rating :** - 60 C to +250 C
- Body Packing :** Nitrile(NBR) / EPDM / Viton(FKM) / Silicone
- Ball & Stem Packing :** PTFE / POM(Delrin) / PEEK
- Material :** MS / SS304 / SS316 & Other Material on Request
- Special Features :** 100% leakage test for seat and shell.



TC End Ball Valves & Fittings

- Valve Body Design :** Barstock Body & Forged Body
- End Conn. Size :** 1/2" to 2"
- End Conn. type :** TC
- Pressure Rating :** 0 to 100 Bar (1500 Psi)
- Temperature Rating :** - 60 C to +250 C
- Body Packing :** Nitrile(NBR) / EPDM / Viton(FKM) / Silicone
- Ball & Stem Packing :** PTFE / POM(Delrin) / PEEK
- Material :** SS304 / SS316 & Other Material on Request
- Special Features :** 100% leakage test for seat and shell.

Mini Ball Valves

- Valve Body Design :** Barstock Body & Forged Body
- End Conn. Size :** 1/8" to 1"
- End Conn. type :** Screwed(BSP / NPT / BSPT), Tube & Hose end
- Pressure Rating :** 0 to 35 Bar (500 Psi)
- Temperature Rating :** - 60 C to +250 C
- Seat Packing :** PTFE
- Body & Stem Packing :** Nitrile(NBR) / Vitone
- Material :** Brass / SS304 / SS316
- Special Features :** 100% leakage test for seat and shell.



Flangs & Gaskets

Design Standard : ASME B16.50 / DIN EN 1092-1

Flange Design : Forged Flanged ASTM A 182

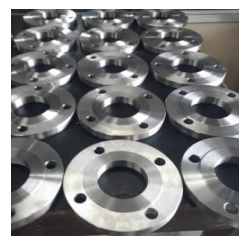
Flange Size : 1/2" to 6"

Flange Type : Weld neck, Slip-on, Socket weld, Lap joint,
Threaded & Blind flanges

Flange Material: MS / SS304 / SS316 & Other Material
on Request

Flange Face: RF / FF / RTJ

Flange Pressure Rating: 150 Lbs ~2500 Lbs &
PN 10 Bar ~ PN 100 Bar



Thermowells

Design Standard : ASME B40.9

Thermowell Design : Barstock Body (Hex, Round) &
Fabricated Body (Flange, Tube, Hex, Round)

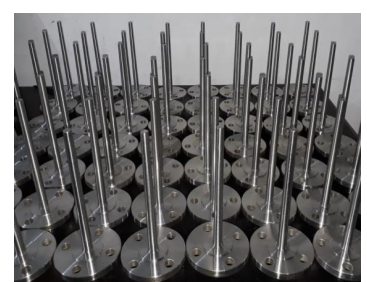
Thermowell Size : 1/2" to 2"

Thermowell Length : Barstock 1000mm Long &
Fabricated upto 3000mm

Thermowell Type: Threaded, Flanged, Socket Weld, Weld-in

Material: SS304 / SS316 / SS310

Pressure Rating: Barstock 6000Psi & Flange class



Pressure Gauges

Design Standard: ASME B40.100 / EN 837-1 / EN 837-3 / IS3634

Gauge Type: SS General Purpose PG, SS Solid Front PG, Phenol Case Solid Front PG, SS Capsule Type PG & SS Electric Contact PG,

Dial Size: DN50, DN63, DN80, DN100, DN150 & DN250

Range : 0 to 1000 Bar

Accuracy : $\pm 0.5\%$, $\pm 1\%$, $\pm 1.6\%$, $\pm 2\%$, $\pm 2.5\%$

Mounting: Bottom / Lower Back / Center Back

Process connection : 1/8" / 1/4" / 3/8" / 1/2" / BSPM / NPTM / TC

Ingress Protection : IP54 / IP65 / IP68

Execution : Dry / Fillable / Filled

Bourdon Tube Type : C-Type / Coil Type / Capsule Type

Bourdon Tube & Socket: SS304 / SS316 / Monel/ HC-276 / Duplex

Case & Bezel: SS304 / SS316 / Phenolic / PBPT / MS Powder Coated

Optional: External Zero Adjustment

Electric Contact : Magnetic / Inductive Contacts

Body & Diaphragm : SS304L / SS316L / Special alloys

Seal Filling Liquid : Silicon oil / Glycerin Oil / Food Grade Oil



Temperature Gauges

Design Standard: EN 13190

Gauge Type: SS Bimetal TG, SS Gas Filled TG, Electric Contact

TG - STD. Glass, Electric Contact TG - Doom Glass.

Dial Size: DN40, DN50, DN63, DN80, DN100, DN125, DN150, DN250

Temp. Range : -100 to 650° C

Accuracy : $\pm$ CL 1

Mounting: Bottom / Center Back / Every angle Clamp with Zero Adj.

Process connection : 1/4" / 3/8" / 1/2" / BSPM / NPTM

Ingress Protection : IP65 / Hermetically Sealed Encloser

Execution : Dry / Fillable

Electric Contact : Magnetic / Inductive Contacts, NO, NC, SPST, DPDT, NONC

Sensing Element : Bimetal Helix, Bourdon Tube with Temperature Compensation

Case & Bezel : SS304 / SS316, Stem / Probe TIG welded with Case



RTD

RTD Type: Nipple Extension Type, Nipple-Union-Nipple Extension Type, Fixed Threaded Connection Type, Adjustable Threaded Connection Type, Transition Joint Type, Plug & Jack Connector Type, Bearing Type, Weld Pad / Surface Mounting Type, RTD Assembly with Tri-clover Connection Type

Element: PT-100 / 500 / 1000, Class A / B; **Range :** -200.....400 / 600° C

Wire Combination : Simplex / Duplex, 2 Wire / 3 Wire / 4 Wire

Accuracy: IEC-751 / DIN 43760; **Sheath Material :** SS316 / SS316L / SS304

Sheath Diameter : 3 / 5 / 6 / 8 / 10mm

Terminal Head Type : Threaded Cover / Hinged / 2 Screwed / Weather-IP65/66/68 / Flame Proof / Explosion Proof / Atex

Terminal Head Material : Die cast Aluminium / SS304 / SS316

Cable Entry : 3/4" ET/NPT, 1/2" NPT, M20; **Head Extension Length :** 50mm upto 250m

Head Extension: Nipple, Nipple-Union-Nipple, Fixed Conn., Adjustable Conn.

Immersion Length: 50 mm upto 10000mm

Process Connection: 1/2" / 3/4" - BSPM / NPTM, M20(M)

Others: Terminal Block PCD-33/46mm, Single / Double Compression Gland

Lead Wire Length : 1000 to 25000mm; **Lead Wire Type:** PTFE / SS Braided / FG

Mounting: Local / No Bracket / With Bracket / 2" Pipe mounting Bracket / Surface Mounting

Weld Pad: Rectangle / Integral Collar



Thermocouples

Thermocouples Type: Nipple Extension Type, Nipple-Union-Nipple Extension Type, Fixed Threaded Connection Type, Adjustable Threaded Connection Type, Transition Joint Type, Plug & Jack Connector Type, Bearing Type, Spring Loaded Bayonet Fittings Type, Weld Pad / Surface Mounting Type, Ceramic Protection tube with flange/Threaded;

Element Type: K / J / T / N / E / R / S / B; **Accuracy :** IEC-584 & ANSI MC96.1;

No. of Sensors : Simplex / Duplex; **Hot Junction:** Ungrounded / Grounded ;

Sheath Diameter : 3 / 5 / 6 / 8 / 10 / 12 mm

Sheath Material : SS316 / SS316L / SS310 / Inconel 600 / SS446 / Ceramic

Terminal Head Type : Threaded Cover / Hinged / 2 Screwed / Weather-IP65/66/68 / Flame Proof / Explosion Proof / Atex

Terminal Head Material : Die cast Aluminium / SS304 / SS316

Cable Entry : 3/4" ET/NPT, 1/2" NPT, M20;

Head Extension Type: Nipple, Nipple-Union-Nipple, Fixed Conn., Adjustable Conn.

Head Extension Length : 50mm upto 250m; **Immersion Length:** 50 mm upto 10000mm

Process Connection: 1/2" / 3/4" - BSPM / NPTM, M20(M) / Bayonet ID 12 / 14 mm

Others: Terminal Block PCD-33/46mm, Single / Double Compression Gland

Lead Wire Length : 1000 to 25000mm; **Lead Wire Type:** PTFE / SS Braided / FG

Mounting: Local / No Bracket / With Bracket / 2" Pipe mounting Bracket / Surface Mounting

Weld Pad: Rectangle / Integral Collar



Diaphragm / Remote seals

Diaphragm Seal (Remote Seal) Typ: Flanged Diaphragm Seals, Threaded Diaphragm Seals, Sanitary Diaphragm Seals, Inline Diaphragm Seals, Flush Diaphragm Seals, Capillary Mounted Seals & Direct Mounted Seals;

Dial Size: DN100 & DN150

Range : 0-250mmwc to 0-16 Bar, 0-5mmwc to 600mmwc, 0-1 to 250 Bar

Accuracy : $\pm 0.5\%$, $\pm 1\%$, $\pm 1.6\%$, $\pm 2\%$, $\pm 2.5\%$ Ref. Standrad : EN837-3;

Mounting: Bottom / Center Back

Instrument Connection: 1/4" / 3/8" / 1/2" / BSPF / NPTF

Process connection : 1/4" / 3/8" / 1/2" / BSPM / NPTM / TC / Flanged E

Ingress Protection : IP54 / IP65 / IP68

Execution : Dry / Fillable / Filled

Case & Bezel: SS304 / SS316 / Phenolic / MS Powder Coated

Top & Bottom Chamber: Round Bar, Hex Bar, Square Bar & Forged Flanged

Chamber & Diaphragm : SS316 / Monel / Teflon / Inconel / HC-276

Seal Filling Liquid : Silicon oil / Glycerin Oil / Food Grade Oil / Syltherm

Optional: External Zero Adjustment / Fully Welded / Capillary, Capillary with Armour tube



Pressure Regulator

Our Product Range: Cylinder Regulator; Line Regulator; Line Regulator without Shot/Off Valve; Bench Mount Regulator without shut/off Valve; Gas Supply Panel; Changeover Panel - Semi-Auto / Semi-Auto with Alarm system / Fully-Auto; Gas Sampling Bottle; Gas Purification and control Panel for GC / AAS / ICP; Gas Distribution Panel; Pre-Heater; Pre-Heater with Single / Double Stage Regulator; Pre-Heater with Piston Regulator (Knob/Key Operated); Multi Cylinder Manifold; PRV 1/2" / 1" High Flow Version Diaphragm / Piston type, Regulator 1/2" & 1" High Flow Version Diaphragm / Piston Type, Back Pressure Regulator Diaphragm / Piston Type, Gas Filters,

Features: Single / Double Stage Type, Diaphragm / Piston Type, Knob / Key Operated, Single / Double Gauge Type, Safety Valve Facility (Optional), Variable outlet connection, wall Mounting arrangement, SS316 Piston for good protection against Burst & Corrosion

Technical Data:

Body & Bonnet: SS304 / SS316 / Brass Chrome plated / Monel / HC-276

Piston / Diaphragm : SS316 / Monel / HC-276; **Seal :** PTFE / PCTFE

Working Temp.: -50 to +200° C; **Inlet / Outlet PG:** SS304 / SS316L / Brass

Outlet Working Pressure: Max 0-18 Bar / Max 0-50 Bar / Max 0-150 / Max 0-250 Bar

Inlet /Outlet Connection: 1/8" , 1/4" , 3/8" and 1/2" (PU / ODCF / BSP / NPT)

Use of Gases: N₂ / H₂ / AIR / He / Ar / O₂ / Co₂ / N₂O / CH₄ / NH₃ / HCL / Cl₂ / CO / SO₂ / LPG / C₂H₂ / CNG





Our Major Clients



We Export



Dubai



USA



Iran



Kuwait



Qatar



Bahrain



Malaysia



Bangladesh



New Zealand



Italy



Germany



Iraq



Australia



Sri Lanka



South Africa



Dk-Lock[®]

D K Valves & Fitting

Registered office

**B509, Sunshine Tower, Geeta Nagar
Near Sardar Vallabhbhai Patel School, Vapi,
Valsad, Gujarat, India, Pin Code: 396191**



+91 7397871355



info@dkvalvesfitting.com



www.dkvalvesfitting.com