



Fluid Handling & STEAM Thruflow Stainless Steel Universal Ball Valves

Ball Valve Technical Specification FORGED STEEL HIC Manufactured

Universal Ball Valves ensures unrestricted straight through flow in industrial services & maintenance like steam flow, gas transmission, fluid flow, fluid pressure, water flow, etc used widely in chemicals, fertilizers, hydraulic equipments, pharmaceuticals, petrochemicals, refineries, other business industries, in a way, body is made of carbon steel chrome plated/brass/SS304/SS316, ball of SS304/SS316, spindle of SS304/SS316, seals made of teflon, handle made of aluminium /M.S with end connections as per requirements, suitable to withstand working pressures from 350 psi to 7800 psi, and temperature from -400C to + 2000C with proper selection of body and spindle material.

Ball Valve Technical Specification FORGED STEEL HIC Manufactured

- High Pressure Flow Control Valve Full Bore Single piece Square Body.
- Plumbing & Irrigation Water Valve Low Pressure Round Body.
- Pump & Pipe Valve 3 piece Round Body Nil Maintenance Management.
- Flanged Ball Valve Medium Pressure 3 Piece Round Body Nil Repair Maintenance.
- Stainless Steel Industrial Valve Low Pressure Round Regular Port.
- " 3 Way Valve Stainless Steel Ball 'T' port i.e., bi-directional flow, 'L' port i.e., one direction flow.
- 3 piece Round Body 1/8" (3mm) to 4" NB (100mm).

Contact For Quote:

HIC INTERNATIONAL CO. (Industrial Valve Products Forged Steel Body Div.)

D-136, Shankar Road, New Delhi - 110060, India

Phone: 91-11-6547 2400, 2874 5120

Fax: 91-11-2874 2791

E-mail : universal@hic-india.com; belts@universaldelhi.org

Website : <http://www.rubber-steel-industrial-products.com>

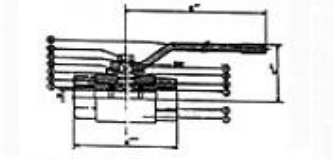
Key personnel : Mr. Anil Gupta, President



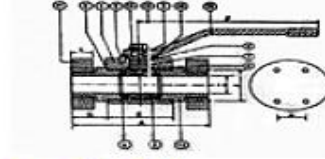
Fluid Handling & STEAM Thruflow Stainless Steel Universal Ball Valves



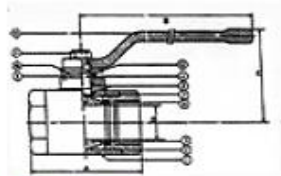
End Connections: BSP/NPT/BSPT flanged to BS/ASA/DIN Standards and compression fittings.



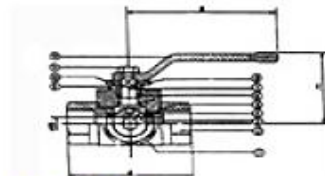
1. Ball Valve
Forged Square Body Single pc
Full Bore screwed upto 550 bar



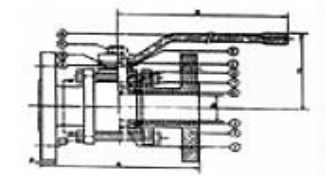
2. Ball Valve
Round Body Regular Port
Flanged wp upto 70 bar



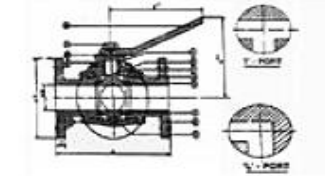
3. Ball Valve
Three Pc Round Body
Full Bore screwed upto 70 bar



4. Ball Valve
3 pc Round Regular Port
Flanged wp upto 70 bar



5. Ball Valve
Bar Stock Round Regular Port SS304
screwed wp upto 35 bar



6. Ball Valve
3Way Body Full Bore L or T port wp upto 100 bar

- * Valve With **Low** Operational **Torque** * **Positive** Shut-Off Leak Proof
- * Compact & **High Pressure Flow** Capacity Ball Valve
- * Scale Formation Eliminated



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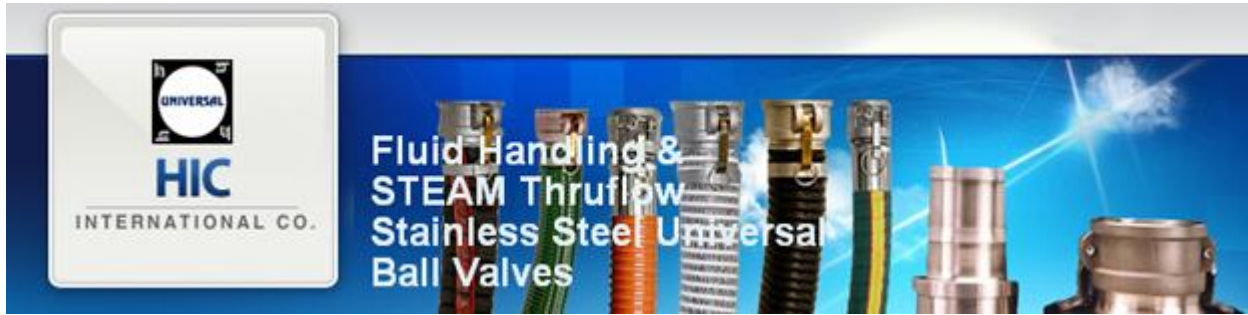
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Website : <http://www.rubber-steel-industrial-products.com>

Key personnel : Mr. Anil Gupta, President



Ball Valves Information To Be Supplied With Enquiry or Order

1. Ball valve design i.e. single pc. sq. forged body & so on.
2. size i.e. 1/4 " or 3/4 " & so on.
3. Body material i.e. brass or SS304 & so on.
4. Spindle material.
5. Handle material.
6. End connections configuration.
7. Working pressure in psi or kg/cm2.
8. Temp. range.
9. Application.
10. 3 way valve Direction Flow Chart while ordering
11. Quantity in nos.

Disclaimer: Information's, written and verbal are provided by HIC, relative to its products which it determines to be reliable & no liabilities of whatsoever nature in regards to its uses. The purchaser of UNIVERSAL brand industrial products should determine for itself the suitability of such products.



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Gases Flow Regulating Needle Valves Technical Specifications

Needle Valve Technical Specification FLOW CONTROL HIC Manufactured UNIVERSAL Brand

Universal Needle Valves ensures easy installation on fluid handling line connections in industrial services such as air flow, gas flow control, water flow, pneumatic valve control, etc used in chemical plants, hydraulics, instrumentations, laboratories, paper mills, process control systems in power plants, refineries, other business industries, in a way, Needle Valve body is made from brass/carbon steel/SS304/SS316, seal material of nitrile/viton/silicon, adjustable knob of aluminum epoxy powder coated with end connections as per requirements, suitable to withstand fluid flow working pressures form 3000psi to 6000psi and temperature upto 250 degree C with proper selection of body and seal materials.

Needle Valve FORGED STEEL Body Product Specification

- Stainless Steel Valve Bar Stock Body Type.
- Forged Steel Valve Type Body.
- Straight Pattern Regulator Valve (in either metal body).
- Needle Valve Sizes : 1/8" (3mm) to 1"(25mm)
- Angular Pattern Flow Meter Valve (in either metal body).

Straight and Angular Pattern Gas Regulator Relief Valves



Stainless Steel Needle
Valve

End Connections: Screwed to BSP/BSPT/NPT thread, socket connection, double ferrule tube fitting.



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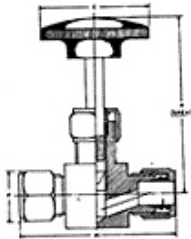
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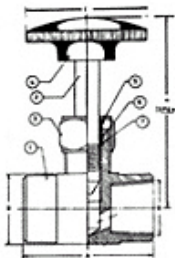
Gases Flow Regulating Needle Valves Technical Specifications



Sectional View & Dimension Details:



Sr. No.	DESCRIPTION	QTY
1	VALVE BODY	1 NO.
2	STEM	1 NO.
3	GLAND NUT	1 NO.
4	HANDLE	1 NO.
5	GLAND	1 NO.
6	TEFLON PACKING	1 NO.
7	PACKING WASHER	1 NO.



Low operating torque Stainless steel stems in all valves Rugged body

Needle Valves Specifications :

Sr. No.	Valve size Z	Drifce in mm	A in mm	B(SQ) in mm	C in mm	H open in mm	A1 in mm	FA/F in mm
1	1/8" NPT	2.35	36	15	28	50	57	11.0
2	1/4" NPT	3.95	44	19	34	55	57	14.2
3	3/8" NPT	5.55	50	25	34	60	65	17.5
4	1/2" NPT	7.95	57	30	55	75	75	22.0
5	3/4" NPT	11.00	68	32	55	85	85	28.0
6	1" NPT	12.70	77	40	70	100	100	38.0



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Gases Flow Regulating Needle Valves Technical Specifications



Needle Valve Information To Be Supplied With Enquiry or Order

1. Needle Valve type i.e. bar stock body or forged body.
2. Pattern i.e. straight or angle.
3. Size i.e. 1/8" or 1/2" & so on.
4. Body material i.e. brass OR SS304 & so on.
5. Seal Material i.e. nitrile or viton & so on.
6. End connections configuration.
7. Working pressure in psi or kg/cm².
8. Temperature range.
9. Valve Application.
10. Quantity in nos.



Instrumentation Needle Valve

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