

NOVEL

VALVES INDIA PVT. LTD

An ISO 9001-2015 Certified Company



Preface

An ISO 9001-2015 company, promoted by the technocrats having experience of over two decade in Valves technology. The company is engaged in Design, Development, Manufacturing and supply of quality Industrial Valves. The company has the expertise and facilities to meet growing demand of process and other allied industries for standard and customized valves for wide range of applications.

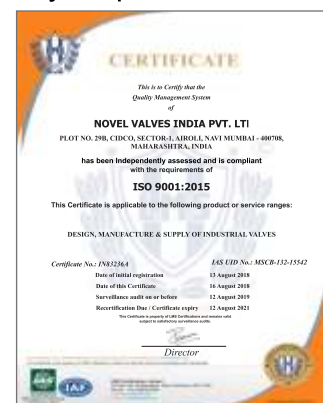
Our wide range of products comprises of Cast Steel, Stainless Steel & Alloy Steel Ball Valves (Metal to Metal Seated & Soft Seated), Double Block & Bleed Ball Valves, Gate, Globe & Check Valves (High Pressure & Pressure Seal Type), Butterfly Valves (Metal Seated, Soft Seated and Triple Offset Design) Dual Plate & Single Plate Check Valves, Control Gate Valves, Control Butterfly Valves, Bellow seal Gate & Globe Valve, Diaphragm, Sluice & Safety valves as per client's specific requirements in size ranging from ½" to 36" & pressure rating from 150# to 2500#. The Valves can be supplied with Electric Actuator , Pneumatic Actuator and Gear operations.

Qualified professional & experienced engineers are part of our team to provide the industry with **High Quality & Cost Effective** products along with best suitable engineering solutions & support to our esteemed clients. We believe in continuous improvements & product innovation to keep ourselves competent.

The company through creativity & innovations is ultimately projecting itself to the forefront of today's Oil & Gas, Petrochemicals, Power, Fertilizer, Chemicals & other allied industries. Extensive technical knowledge of our professionals backed by sound manufacturing capabilities enable us to provide one – stop solutions for all types of Industrial Valves.

The Company adheres to the applicable international standards of manufacturing and testing. We look forward to working with new customer to solve their unique piping needs as they fit in our range of products. We kindly request you to give us opportunity to serve you in best possible way and to prove our commitment in solving your problems and add value to your process applications.

Pravin Nimkar
Director





Ball Valve



Speciality Features		Specifications	
Size: 2"-36"(50NB-900NB)		Design	API 6D / ASME B16.34 / BS 5351 / BS17292
Class: 150-2500		Face to Face	ASME B16.10 / API 6D
Single / Two / Three Pieces CS SS Alloy DSS MOS		End to End	BW / Flanged
Trunion / Floating Ball, Full & Reduced Bore		End Flange	ASME B16.5 / DIN / BS / IS
Anti -Static Device		BW End	ASME B16.25
Blow-out Proof Stem		Test	API 598 / BS 6755 / 12266
Fire Safe Design		Fire Safe	API 607 / 6FA
Low Emission		Special	NACE MR-01-75 / 0103
Actuation Hand lever, Gear Box, Pneumatic / Electrical Actuator / Hydraulic			
Speciality-Metal To Metal Seat			

Features		Specifications	
Size: 1/2"-16" (15mm - 400mm)		Design	ASME B16.34
Class: 150-300-600		Face to Face	ASME B16.10 / DIN
3 Piece / 4 Piece CS, SS & AS MOC		End to End	SW Type / Flange End / BW
T Port & L Port Design		BW End	ASME B16.25
Anti -Static Device			
Blow-out Proof Stem		Test	API 598 / BS 6755
Fire Safe Design		Fire Safe	API 607 / 6FA
Low Emission		Special	NACE MR-01-75 / 0103
Actuation Hand lever, Gear Box, Pneumatic / Electrical Actuator / Hydraulic			
Speciality-Metal To Metal Seat			

3 Way & 4 Way Ball Valves



Double Block & Bleed Ball Valves



Features		Specifications	
Size: 1/2"-12" (15NB-300NB)		Design	ASME B16.34 / API 6D
Class: 150-1500		Face to Face	ASME B16.10 / DIN
Three Piece CS / SS Alloy Steel MOC		End	RF / FF / RTJ
Trunion Mounted / Floating		End to End	ASME B16.5 / ASME B16.25
Full & Reduced Bore		Test	API 598 / BS 6755
Anti -Static Device		BW End	ASME B16.25 / DIN / BS / IS
Blow-out Proof Stem		Test	API 598 / BS 6755
Fire Safe Design		Fire Safe	API 607
Low Emission		Special	NACE MR-01-75 / 0103
Actuation Hand lever, Gear Box, Pneumatic / Electrical Actuator / Hydraulic			
Speciality-Metal To Metal Seat			



Gate Valve & Pressure Seal Gate (Bolted Bonnet) Valve



Features		Specifications	
Size: 1/2"-36" (15NB - 900NB)		Design	ASME B16.34 / API 600 5352 API 600 / 603 / 602 / IS 14846
Class: 150-2500		Face to Face	ASME B16.10 / DIN
C S / CI SS / Alloys / Monel / Hastalloys / Fabricated MOC		End to End	SW/BW Type / Flanged End / RTJ
Solid / Flexible Wedge / Parallel / Double Disc		BW End	ASME B16.25
Stem Protector, Linkage, Chain Pulley and Bypass arrangement on request		Test	API 598
Specially: Bellow Sealed, Cryogenic and High Temp			
Metal to Metal and Metal to soft seat		Special	NACE MR-01-75
Manual Operated / Gear Box / Pneumatic / Electrical Actuator		End Flange	ASME B16.5 / B16.47/DIN / BS / IS / JIS

Globe Valve & Pressure Seal Globe (Bolted Bonnet) Valve



Features		Specifications	
Size: 1/2"-20" (15NB - 500NB)		Design	ASME B16.34 / BS 1873
Class: 150-2500		Face to Face	ASME B16.10 / DIN IS
C S / CI SS / Alloys / Monel / Hastalloys Steel MOC		End to End	BW Type / Flanged End / RTJ
Parabolic, Regulating, Throttle and Guide Type Plug		BW End	ASME B16.25
Straight "T" type, "Y" type, Angle Type		Test	API 598 / BS 6755
Specially: Bellow Sealed, Cryogenic and High Temp and Bypass arrangement			
Metal to Metal and Metal to soft seat		Special	NACE MR-01-75 / 0103
Manual Operated / Gear Box / Pneumatic / Electrical Actuator			

Swing Check (Bolted cover & Pressure Seal cover) Valve



Features		Specifications	
Size: 1/2"-36" (15NB-900NB)		Design	ASME B16.34 / BS 1868
Class: 150-2500		Face to Face	ASME B16.10 / DIN / IS / BS
C S / CI / SS / Alloys / Monel / Hastalloys MOC		End to End	BW Type / Flanged End / RTJ
Self Operated / Dash Pot / Counter Weight		End Flange	ASME B16.5 / ASME B16.25
Non Slam arrangement on request		Test	API 598 / BS 6755
Wafer Type / Ball Type / Piston Type / Spring Loaded			
Metal to Metal and Metal to Soft seat		Special	NACE MR-01-75 / 0103
Rubber Lining on request			



Butterfly Valve



Features	Specifications
Size	1 1/2" - 42" (40NB -1050NB)
Type:	Wafer, Lugged, Flanged
MOC	CI / DI / CS / SS / DSS
Face to Face	API 609, BS 5155, DIN 3202, IS 13095
Flange:	DIN, BS, ANSI, IS
Mounting Flange:	ISO5211
Pressure Rating:	PN 2.5 - 25
Actuation:	Hand lever, Gear box, Pneumatic / Electrical actuator
Application:	HVAC, Water Supply & Sewag, Food & Beverage, Chemical/ Petrochemical / Processing, Power and Utilities, Paper and Pulp, Ship Building and Steam
Speciality	Double Offset / Triple Offset

Features

Size: 2"-36" (50NB - 900NB)
 Class: 150-2500
 C S / CI / SS / Alloys / Monel / Hastalloys /
 Fabricated MOC
 Self Operated
 Multi Door
 Spring Loaded / Retainer Less
 Metal to Metal and Metal to Soft seat
 Rubber Lining on request

Specifications

Design API 6D / API 594
 Face to Face API 6D / API 594
 End to End Wafer Type / Flanged
 End Flange ASME B16.5 / B16.47/ DIN / BS IS /
 JIS
 Test API 598 / 6D

Dual Plate check Valve



Forged Valve



Features

Size: 1/2"-2" (15mm - 50mm)
 Class: 150-2500
 C S / SS / Alloys / Monel / Hastalloys Steel
 Material Construction
 Manual Operated / Pneumatic / Electrical Actuator
 Straight "Y" type,
 Specially: Bellow Sealed, Cryogenic and High Temp
 Metal to Metal and Metal to Soft seat

Specifications

Design API 602 / BS 5352 / BS 15761
 Face to Face Manufacturing Standard
 End to End SW / BW Type / Screwd
 End ASME B16.11 / B 1.20.1
 BW End ASME B16.25
 Test API 598 / BS 6755
 Special NACE MR-01-75



Knife Edge Gate Valve



Features		Specifications	
Size: 2"-24" (50NB - 600NB)		Design	ASME B16.34 / MSSP 81
Class: PN 2.5 - PN 25		Face to Face	ASME B16.10 / MSSP 81
C S / Cl / SS / Alloys / Monel MOC		End to End	Flanged End / Lug Type
Bonnet and Without Bonnet Construction			
Stem Protector, Chain Pulley arrangement on request	Test		API 598 / BS 6755
Speciality : Tear Gum Rubber Sleeve Arrangement for Slurry Service (Fail Free Valve)			
Metal to Metal and Metal to Soft seat			
Speciality		Tear Gum rubber Sleeve Arrangement for Slurry Service	
Manual Operated / Gear Box / Pneumatic / Electrical Actuator			

Features

Size: 1/2"-16" (15mm - 400mm)

Class: 150-300-600

Two / Three Way Cl / CS / SS body

Hand Lever / Gear Box / Hydraulic / Electrical Actuator

Jacketing / Inverting with Spring Load

PTFE Sleeve body

Isolation and Reversing

Hardened Sleeve and Plug

Specifications

Design ASME B16.34 / API 599 / BS 5158 / IS 10459

Face to Face ASME B16.10

End to End Flanged / Screwed / BW

End Flange ASME B16.5 / DIN / BS / IS

BW End ASME B16.25

Test API 598 / BS 6755

Plug Valve



Control Valve



Features		Specifications	
Size: 1/2"-16" (15mm - 400mm)		Design	ASME B16.34
Class: 150-2500		Face to Face	ISA 75.03 (upto 600) & ISA 75.16 (900 & above)
Two / Three Way CS / SS / Silloys / Monel / Hast Alloys Material Construction		End to End	Flanged / Screwed / SW / BW
Direct and Reverse Actuator Diaphragm Type, Spring Return		End Flange	ASME B16.5 / DIN/ BS / IS
Electric Actuator with Integral Starter, Input 4 to 20 mA		BW End	ASME B16.25
Smart / Electropneumatic / Pneumatic I/P Converter	Test		FCI-70-2 (ANSI B 16.104)
Position Transmitter	Special		NACE MR-01-75
Actuation: Pneumatic / Electrical Actuator			
Speciality		Cage with Pressure Balancing Arrangement	



Diaphragm Valve



Specifications

Size	25 MM to 300 MM
Design Code	BS 5156
Pressure Rating	PN 06 - 16
MAT. Of. CON	CS / SS / ALLOYS / CI
Actuation :	Hand Wheel, Pneumatic Cylinder
Lining	Rubber, Teflon, Ceramic

Features

Size: 3/8"-10" (10mm - 250mm)
 Class: 150-2500
 C S / CI / SS / Alloys / Monel / Hast Alloys / MOC
 Open / Closed / Lever
 Spring / Dead weight
 SemiNozzle / Full Nozzle
 Specialty: Bellow Sealed, Cryogenic and High Temp
 Metal to Metal and Metal to Soft seat

Specifications

Design ASME B16.34 / API 526 / 520
 Face to End API 526
 End to End SW / SCR Type / Flange End
 End Flange ASME B16.5 / DIN / BS / IS / JIS
 SW End ASME B16.11
 Test API 527
 Set Pressure Test As per client specification
 Special NACE MR-01-75

Safety Valve



DIN Globe Valve



Features

Size: 1/2"-16" (15mm - 400mm)
 Class: PN 6 - PN 320
 Material Construction: CS / CI / SS / Alloy / Monel / Hastalloys
 Y Type and Angle Type Construction
 Plug design- Regulating Disk, Soft Seat, Throttling Type Guided Disk
 Removable Plug Design
 High Temp. Cryogenic etc.
 Low Emission
 Actuation : Hand Wheel, Gear Box. Pneumatic / Electrical Actuator
 Speciality Bellow Seated Arrangement

Specifications

Design ASME B16.34 / DIN 3356
 Face to Face DIN 3202
 End to End BW Type / Flanged End / RTJ
 End Flange ASME B16.5 / DIN / BS / IS
 BW End ASME B16.25
 Test DIN 3230
 Pneumatic Test API 598 / BS 6755
 Special NACE MR-01-75



Glandless Piston Valve



Features	Specifications	
Size: 1/2"-12" (15 mm - 300 mm)	Design	ASME B16.34
Class: PN 6 - PN 64	Face to Face	DN 3202
Material Construction: CS / CI / SS / Alloy / Monel / Hast Alloy	End to End	BW / Flanged
Effective Sealing area more than Globe Valve	End Flange	ASME B16.5 / DIN / BS / IS
100 % tight shut off	BW / SW End	ASME B16.25 / B16.11
Fire proof	Test	DIN 3230
Scrap Free valve		
High Temperature		
Actuation : Hand Wheel, Gear Box, Pneumatic / Electrical Actuator		

Bellow Seal Valve



Features	Specifications	
Size: 1/2"-24"	Design	ASME B16.34 / BS 5352 / API 600 / BS 1873 / API 602
Class: 150-2500	Face to Face	ASME B16.10
CS / SS / ALLOY / MONEL / Hastalloy Body	End to End	SW / BW / Flanged
Hand lever, Gear Box, Pneumatic / Electrical Actuator	End Flange	ASME B16.5 / DIN / BS / IS
Cycling 2000 / 10000 / 20000	SW / BW End	ASME B16.11 / B16.25
Service : Chlorine, Hot oil, Gas, High Temp.	Test	API 598 / BS 6755
Speciality : Bellow Failure Indicator on request	Bellow	Inconel / SS / Hast Alloy
Bellow Construction Single Ply / Multiple Ply	Seat	Metal to metal / Metal to soft seat

Cryogenic Valve



Features	Specifications	
Size: 1/2"-24" (15mm - 600mm)	Design	ASME B16.34 / BS 5351 / API 6D / BS 6364
Class: 150-1500	Face to Face	ASME B16.10 / API 6D
Single / Two Three Pieces Cast Steel Body	End to End	Wafer Type / Flanged End / SW
Trunion / Floating Ball, Full & Reduced Bore	End Flange	ASME B16.5 / DIN / BS / IS
Anti-Static Device	BW End	ASME B16.25
Blow-out Proof Stem	Test	API 598 / BS 6755
Fire Safe Design	Fire Safe Test	API 607 / API 6FA
Low Emission	Special	NACE MR-01-75
Actuation : Hand Lever, Gear Box, Pneumatic	Electrical Actuator	
Speciality -196 c 46c	Extended Stem	
Cold & Non Cold Box Application		



'Y' Type Strainer



Features	Specifications
Size	25 MM TO 400 MM
Design Code	BS / DIN / IS
Pressure Rating	150 # 300 #
MAT Of CON	CS / SS / ALLOYS / CI

Features	Specifications
Size: 2" - 40" (50mm - 1000mm)	Design ASME B16.34
Class: 150-300	Face to Face Manufacturer's standard
CI / CS / SS MOC	End to End BW Type / Flanged End
Detachable Mesh On Request	End Flange ASME B16.5 / DIN / BS / IS
Back Washing on Request	BW End ASME B16.25
Mesh Size as per requirement	Test API 598 / BS 6755
On the basis of 50% clogged condition, Normal Flow rate can be provided	Pneumatic Test API 598 / BS 6755
	Special As per client's requirement

Basket Type Valve





Our Expertise

Through Conduit Gate Valve



Motorised Valve



Rising Stem Ball Valves



Fabricated Gate Valve



Top Entry Ball Valves



Flush Bottom Valve



NON Slame Check Valve
Axial Flow Check Valve



Y Type Cast Valve





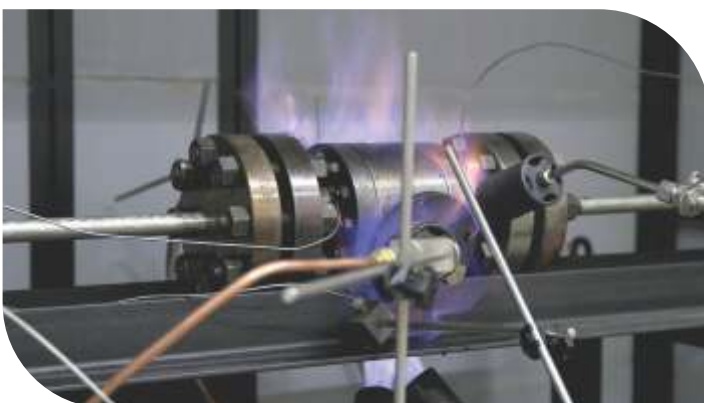
The Facilities



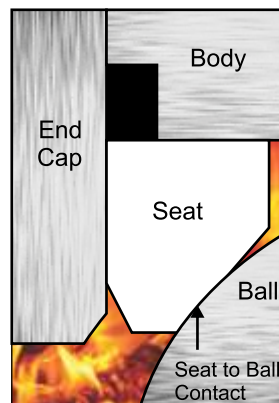
Hydraulic and Pnuematic Testing



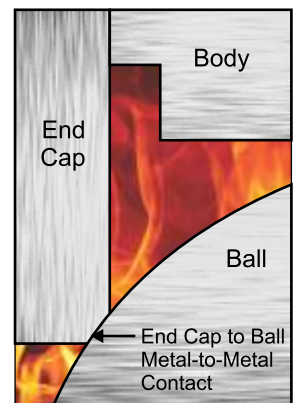
Cryogenic Testing



Fire Safe Testing



Pre-Burn



Post-Burn



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• **Registered Office & Works** •

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