



# 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

Size: 1/2"-16" (15mm - 400mm)  
Class: 150-300-600  
3 Piece / 4 Piece CS, SS & AS MOC  
T Port & L Port Design

Anti -Static Device

Blow-out Proof Stem

Fire Safe Design

Low Emission

Actuation Hand lever, Gear Box, Pneumatic / Electrical Actuator / Hydraulic

Speciality-Metal To Metal Seat

## Specifications

Design ASME B16.34  
Face to Face ASME B16.10 / DIN  
End to End SW Type / Flange End / BW  
BW End ASME B16.25

Test API 598 / BS 6755

Fire Safe API 607 / 6FA

Special NACE MR-01-75 / 0103

## 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 & Sewage, 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	Specifications
Size: 1/2"-2" (15mm - 50mm)	Design API 602 / BS 5352 / BS 15761
Class: 150-2500	Face to Face Manufacturing Standard
C S / SS / Alloys / Monel / Hastalloys Steel Material Construction	End to End SW / BW Type / Screwed
Manual Operated / Pneumatic / Electrical Actuator	End ASME B16.11 / B 1.20.1 BW End ASME B16.25
Straight "Y" type,	Test API 598 / BS 6755
Specially: Bellow Sealed, Cryogenic and High Temp	
Metal to Metal and Metal to Soft seat	Special NACE MR-01-75



**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	

**Plug Valve**



Features	Specifications	
Size: 1/2"-16" (15mm - 400mm)	Design	ASME B16.34 / API 599 / BS 5158 / IS 10459
Class: 150-300-600	Face to Face	ASME B16.10
Two / Three Way CI / CS / SS body	End to End	Flanged / Screwed / BW
Hand Lever / Gear Box / Hydraulic / Electrical Actuator	End Flange	ASME B16.5 / DIN / BS / IS
Jacketing / Inverting with Spring Load	BW End	ASME B16.25
PTFE Sleeve body	Test	API 598 / BS 6755
Isolation and Reversing		
Hardened Sleeve and Plug		

**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





### 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

### DIN Globe Valve



Features		Specifications	
Size: 1/2"-16" (15mm - 400mm)		Design	ASME B16.34 / DIN 3356
Class: PN 6 - PN 320		Face to Face	DIN 3202
Material Construction: CS / CI / SS / Alloy / Monel / Hastalloys		End to End	BW Type / Flanged End / RTJ
Y Type and Angle Type Construction		End Flange	ASME B16.5 / DIN / BS / IS
Plug design- Regulating Disk, Soft Seat, Throttling Type Guided Disk		BW End	ASME B16.25
Removable Plug Design		Test	DIN 3230
High Temp. Cryogenic etc.		Pneumatic Test	API 598 / BS 6755
Low Emission		Special	NACE MR-01-75
Actuation : Hand Wheel, Gear Box. Pneumatic / Electrical Actuator			
Speciality		Bellow Seated Arrangement	



### '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,	Pneumatic Test API 598 / BS 6755
Normal Flow rate can be provided	Special As per client's requirement

### Basket Type Valve



### Cryogenic Valve



Features	Specifications
Size: 1/2"-24" (15mm - 600mm) BS	Design ASME B16.34 / BS 5351 / API 6D / 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	





## Our Expertise

Through Conduit Gate Valve



Motorised Valve



Rising Stem Ball Valves



Flush Bottom Valve



Top Entry Ball Valves



Y Type Cast Valve

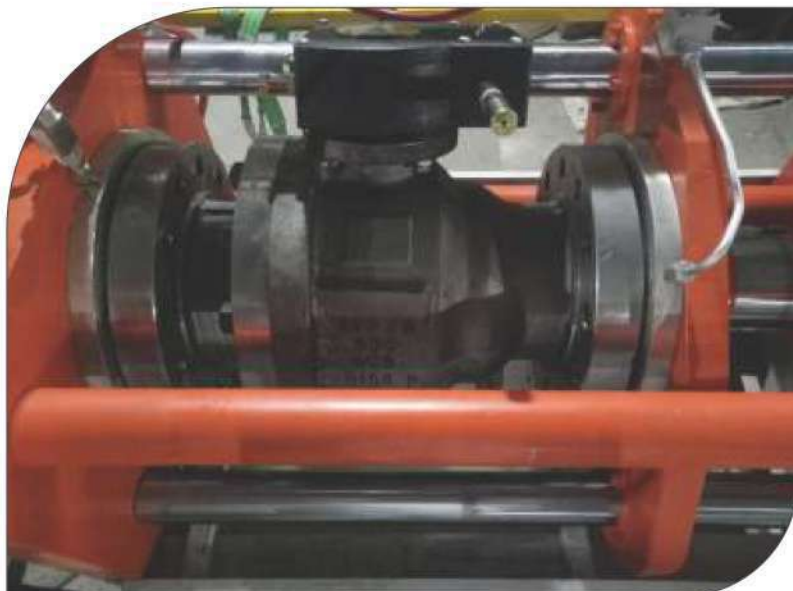


NON Slame Check Valve  
Axial Flow Check Valve





## The Facilities



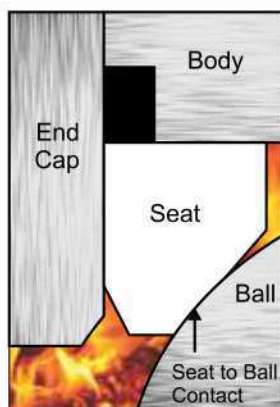
Hydraulic and Pneumatic Testing



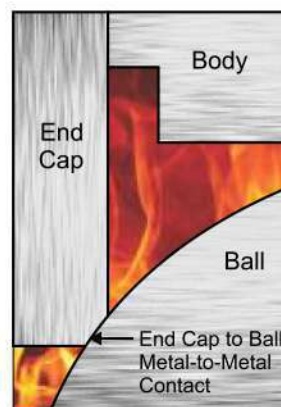
Cryogenic Testing



Fire Safe Testing



Pre-Burn



Post-Burn





**NOVEL**  
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**An ISO 9001 - 2015 Certified Company**

• Registered Office & Works - 1 •

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Sector - 1, Airoli,  
Navi Mumbai - 400708,

• Thane, Works - 2 •

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S V Road, Thane, India - 400 607

• Delhi Office •

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