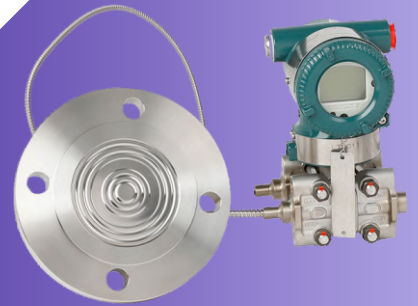
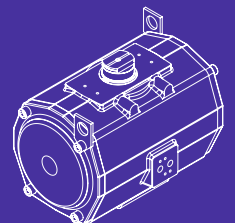
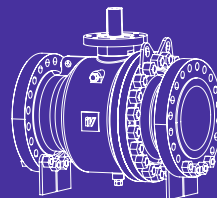
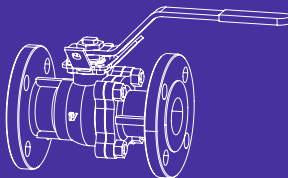
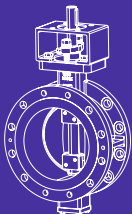
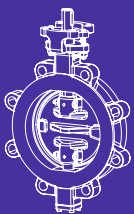
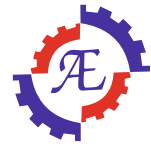


AKSHARDEEP ENGINEERS



Precision in Measuring. Perfection in Control. Proven Performance.





ABOUT US

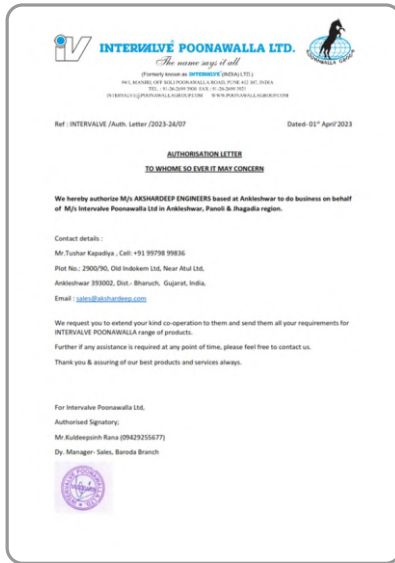
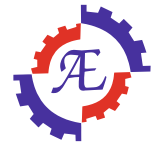
We at “**Akshardeep Engineers**” established in 2013, are pleased to introduce ourselves as one of the innovative and successful supplier company. We are authorised dealer of the highly reliable and productive range of brand “FORBES MARSHALL”, “INTERVALVE” & “EL-O-MATIC”, Our unique blend of experience and expertise enables us to provide cost effective, efficient, flexible and robust solutions to optimize and smooth running of our customer's business.

We have 2,700 Sq. Feet of land area, with a total infrastructure of 3,420 Sq. Feet, which includes office space, a go-down area, assembly unit, testing facilities, and a servicing unit. This space supports our operations, ensuring the timely delivery of products and providing comprehensive service support to effectively meet our clients' needs.

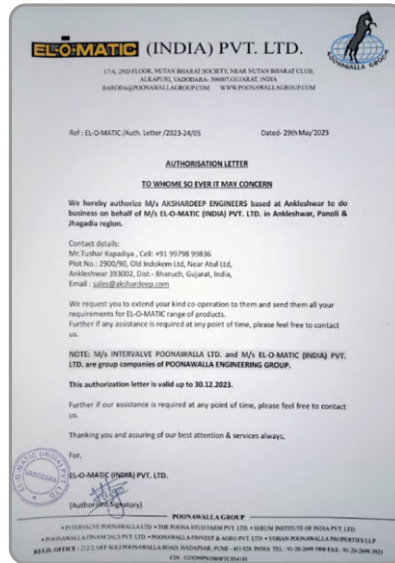
Our strengths include quick delivery, reliable service support, high-quality products, technical expertise, a customer-focused approach, and a strong commitment to customer satisfaction.

We also serve industries such as Chemicals and Pharma, Fertilizers, Oil & Gas, Power Plants, Refineries, Steel, and other allied industries.

AUTHORISED CHANNEL PARTNER



INTERVALVE POONAMWALA PVT. LTD.



EL-O-MATIC INDIA PVT. LTD.

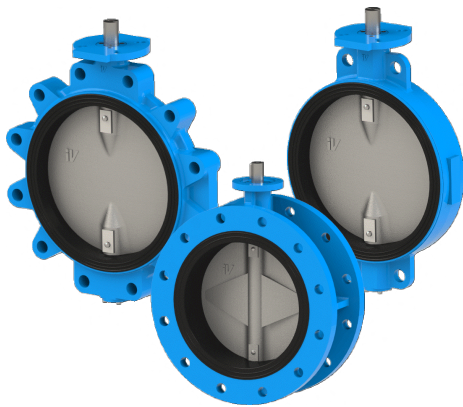


FORBES MARSHALL (HVY) PVT. LTD.

OUR ACHIEVEMENTS



CONCENTRIC BUTTERFLY VALVES PRODUCT RANGE



Bonded Seat Butterfly Valve

Model	IVGKL/IVGKB/IVTLB/IVDF
Size Range	40 NB to 1200 NB
Pressure Rating	PN10 & PN16
Face to Face	API 609 Cat-A / ISO 5752 Tab 5/ BS EN558
End Connection	Wafer / Lugged / Double Flanged
Seat Design	Bonded
Operator	Hand Lever / Gear Box / Actuator

Material of construction

Body: CI* / SGI / WCB / CF8 / CF8M

Disc: SGI / WCB / CF8 / CF8M

Seat: NITRILE, EPDM, NEOPRENE, HYPALON, VITON, SILICON

Replaceable Seat Butterfly Valve

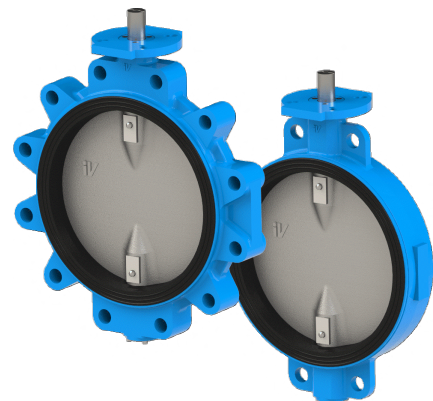
Model	IVGKR/IVTL
Size Range	50 NB to 600 NB
Pressure Rating	Up to PN10
Face to Face	API 609 Cat-A / ISO 5752 Tab 5/ BS EN558
End Connection	Wafer / Lugged
Seat Design	Replaceable
Operator	Hand Lever / Gear Box / Actuator

Material of construction

Body: CI* / SGI / WCB / CF8 / CF8M

Disc: SGI / WCB / CF8 / CF8M

Seat: NITRILE, EPDM, NEOPRENE, HYPALON, VITON, SILICON



PTFE Seated Butterfly Valve

Model	IVTFE
Size Range	50 NB to 300 NB
Pressure Rating	Up to PN10
Face to Face	ISO 5752 Tab 5/ BS EN558
End Connection	Wafer
Seat Design	Replaceable [PTFE / GFT with Backup Ring]
Operator	Hand Lever / Gear Box / Actuator

Material of construction

Body: SGI / WCB / CF8 / CF8M

Disc: CF8 / CF8M / SPL ALLOYS

Seat: PTFE / RPTFE



HIGH PERFORMANCE BUTTERFLY VALVES PRODUCT RANGE



Soft Seated Double Offset Butterfly Valve

Model	IVEX-T
Size Range	50 NB to 600 NB
Pressure Rating	ASME Class #150, #300
Operating Temp.	-50°C ~ +220°C (Depending upon MOC)
End Connection	Wafer / Lugged / Double Flanged
Seat Design	Replaceable [PTFE / GFT]
Operator	Hand Lever / Gear Box / Actuator

Material of construction

Body: WCB / CF8 / CF8M
Disc: WCB / CF8 / CF8M
Seat: PTFE / RPTFE

Metal Seated Double Offset Butterfly Valve

Model	IVEX-M
Size Range	50 NB to 600 NB
Pressure Rating	ASME Class #150, #300
Operating Temp.	-50°C ~ +500°C (Depending upon MOC)
Face to Face	API 609, ASME B16.10, EN 558
End Connection	Wafer / Lugged / Double Flanged
Seat Design	SS / Inconel

Material of construction

Body: WCB / CF8 / CF8M / SPL ALLOYS
Disc: WCB / CF8 / CF8M / SPL ALLOYS
Seat: INCONEL-625 / SS 316



Triple Offset High Performance Butterfly Valve

Model	IVTEX
Size Range	80 NB to 750 NB
Pressure Rating	ASME Class #150, #300, #600
Operating Temp.	-50°C ~ +540°C (Depending upon MOC)
End Connection	Wafer / Lugged / Double Flanged
Seat Design	Laminar Seal
Operator	Hand Lever / Gear Box / Actuator

Material of construction

Body Seat: STELLITE Gr.21 / STELLITE Gr.6 / 13% CHROME WELD OVERLAY
Body: WCB / LCB / LCC / CF8 / CF8M / SPL ALLOYS / B148 GR.C95800
Disc: WCB / LCB / LCC / CF8 / CF8M / SPL ALLOYS / B148 GR.C95800
Laminar Seal: SS304 / SS316 / SS316L / INCONEL WITH GRAPHITE



2 Pcs Design, Floating Ball Valve (Soft & Metal Seated)

Size Range	15 NB to 250 NB
Pressure Rating	ASME Class #150, #300, #600, #900, #1500, #2500
Operating Temp.	-29°C ~ + 425°C (Depending upon MOC)
Testing Std	API 6D / BS EN ISO 5208 / API 598 / BS EN ISO 17292
Face to Face	ASME B 16.10
End Connection	Flanged
Operator	Hand Lever / Gear Box / Actuator

Material of construction

Body: Carbon Steel / Stainless Steel / Duplex / Alloys

Ball: Carbon Steel / Stainless Steel / Duplex / Alloys

Seat : PTFE / GFT / CFT / DEVLON / PEEK / METAL (CRC / TCC / ST)

Features: Fire Safe, Full Bore, Anti-Static, Live Loading Stem, Solid Ball, Top ISO Pad

2/3 Pcs Design, Trunnion Mounted Ball Valve (Soft & Metal Seated)

Size Range	50 NB to 700 NB
Pressure Rating	ASME Class #150 to Class #2500
Operating Temp.	-29°C ~ + 250°C (Depending upon MOC)
Face to Face	ASME B16.10
End Connection	Flanged
Operator	Hand Lever / Gear Box / Actuator

Material of construction

Body: Carbon Steel / Stainless Steel / Duplex / Alloys

Ball: Carbon Steel / Stainless Steel / Duplex / Alloys

Seat : PTFE / GFT / CFT / DEVLON / PEEK / METAL (CRC / TCC / ST)



3 Pcs Design Ball Valves

Size Range	15 NB to 50 NB
Pressure Rating	ASME Class #800
Testing Std	BS EN ISO 5208 / API 598 / BS EN 12266-1
Face to Face	Manufacturing Standard
End Connection	Socket Weld, Screwed & Butt Weld
Seat Design	PTFE / MPTFE / TFM 1600 / RPTFE / DEVLON / PEEK

GATE, GLOBE & CHECK VALVES PRODUCT RANGE



Cast Steel – Gate, Globe & Swing Check Valves

Size Range	50NB to 1000NB
Pressure Rating	ASME Class #150, #300, #600
Design Std	API 600 / BS 1873 / BS 1868
Testing Std	API 598
Trim Options	1 / 5 / 8 / 12 / 16
Face to Face	ASME B16.10
End Connection	Flanged & Butt Weld

Forged Steel - Gate, Globe & Lift Check Valves

Size Range	15NB to 50NB
Pressure Rating	ASME Class #150 to Class #2500
Design Std	API 602
Testing Std	API 598
Trim Options	1 / 5 / 8 / 12 / 16
Face to Face	Manufacturing Standard
End Connection	Flanged, Socket Weld, Screwed & Butt Weld



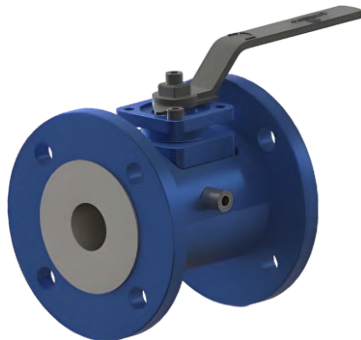
Dual Plate Check Valves

Size Range	25NB to 1500NB
Pressure Rating	ASME Class #150, #300, #600
Design Std	API 594
Testing Std	API 598
Seat Options	EPDM / PTFE / 13 Cr. / SS316 / SS304 / ST
Face to Face	API 594
End Connection	Flanged / Wafer

Single Piece Wafer Type Check Valves

Model	IVC / IVCT
Size Range	25NB to 900NB
Pressure Rating	Up to PN16
Testing Std	API 598
Face to Face	Manufacturing Standard
End Connection	Wafer
Seat Design	Replaceable





Jacketed Floating Ball Valve (Single Piece Flanged End)

Size	15mm to 250mm NB
Pressure Rating	ASME #150 & ASME #300
Temp. Range	-35°C to 280°C (Depending upon MOC)
Design Standard	API 6D Rev 23; ISO 17292 Rev 2004
Face to Face Dimension	ASME B16.10 Rev 2009
Body Material	Stainless Steel / Carbon Steel / Alloys
Fire safe design as per API-607, Cavity filler available	
One Piece Body Design, Double Sealing of Body insert	

3 Way Floating Ball Valve

Type	T Port & L Port
Size	15mm to 100mm NB
Design Standard	API 6D Rev 23; ISO 17292 Rev 2004
Face to Face Dimension	ASME B16.10 Rev 2009
Pressure Range	ASME #150 & ASME #300
Temp. Range	-35°C to 280°C (Soft Seated)
Body Materials	Stainless Steel / Carbon Steel / Alloys
Body cavity fillers available, Low emission packing	



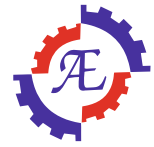
Tank Bottom Ball Valve

Type	Flush Bottom Ball Valve
Size	15mm to 250mm NB
Pressure Rating	ASME #150, ASME #300, ASME #600
Temp. Range	35°C to 280°C (Soft Seated)
Body Materials	Stainless Steel / Carbon Steel / Alloys
End Flanges	ASME B16.5 2013
Cavity free, Angled stem design, Direct mounting to vessel flange	

Lined Valves

Type	Ball Valves, Butterfly valves & Plug Valves
Size Range	15mm to 300mm (Depend on Type)
Body MOC	WCB, CF8 & CF8M
Ball, Disc & Plug MOC	CF8 & CF8M
Lined MOC	PFA, Antistatic PFA, TFM & FEP





Disc Check Valve

Size Range	15 NB to 150 NB
Pressure Rating	PN 25 / PN 40
Leakage Class	IV (Metal Seated) & Class VI (Zero leakage in soft seat)
Operating Temp.	-25° C to 200° C
Operation	Self Acting

Full View Sight Glass

Type	IC Casting, Bas Stock, T Bush
Size Range	15 NB to 150 NB
W/P	MS, SS 304, SS 316, SS 316L and PP, PTFE Lined
Design Temp.	Up to 200°C depending upon the type
Design Pressure	Up to 10 Kg/cm ² depending upon the type



Double Window Sight Glass

Size Range	25 NB To 150 NB (Above on Req.)
Body & Cover	WCB, CF8, CF8M & CF3M
Design Temp.	Up to 200°C depending upon the type
Design Pressure	Up to 20 Kg/cm ² depending upon the type
Glass	Toughened Glass

Y-Type Strainer

Size Range	25 NB To 150 NB (Above on Req.)
Pressure Rating	150# & 300#
Body & Cover	WCB, CF8, CF8M & CF3M
Mesh	SS304, SS316, SS316L & Duplex Steel
Mesh Number	20, 30, 40*, 60, 80, 100



Basket Type Strainer

Size	25 NB To 600 NB (Above on Req.)
Pressure Rating	150# & 300#
Body & Cover	CS, SS304, SS316 & SS316L
Mesh	SS304, SS316, SS316L & Duplex Steel
Mesh Number	20, 30, 40*, 60, 80, 100



Pneumatics Actuator Product Range

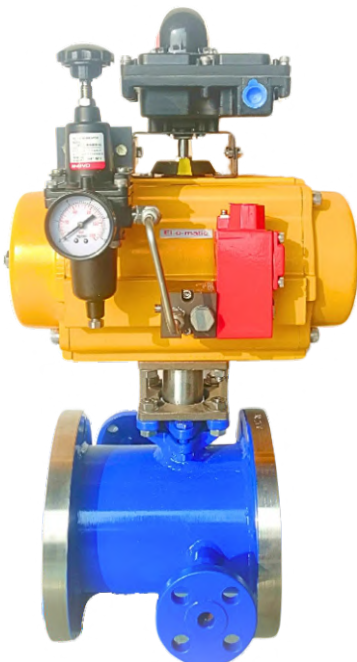
Type	Single Acting (SA) & Double Acting (DA)
P-Series	4 to 4022 Nm@3-7 Bar, Min 6 & Max 14 springs
E-Series	4 to 1423 Nm@3-6 Bar, Min 3 & Max 6 Springs
Operating Pressure	SA: 3 to 8 Bar
Body MOC	Aluminium / Carbon Steel / Stainless Steel
Specials Design	3 Lug patented
Life	5 Lakh Cycle (Min.)

ON-OFF Valves Automation

Akshardeep Engineers is a trusted provider of valve automation solutions, offering high-quality and reliable valves for various industrial applications. With years of experience, we design, assemble, and supply actuator valves built for durability and performance.

At Akshardeep Engineers, we focus on delivering the right product at the right price and on time. Whether it's a single actuator or a complex project, our Valve Automation Center supports both domestic and international needs.

On-Off valves are essential components in industries where precision flow control, safety, and reliability are critical. These valves serve the primary function of either fully opening or fully closing the flow of media in a system. Commonly employed in industries such as oil & gas, chemical processing, water treatment, and pharmaceuticals, on-off valves ensure safe and efficient operations across a wide range of applications.



Key Features

- Reliable Performance
- Quick Operation
- Integrating seamlessly into SCADA or DCS systems.
- High Safety Standards : Applications
- Rapid Closure Mechanism
- Fail-Safe Design
- High Durability, Reliability
- Remote Operation / Automation / Digital Partial Stroke
- Fire safe, SIL 3

Which type of valves can be automated?

All types of rotary valves can be automated, Rotary valves are commonly used in systems where flow control needs to be achieved by rotating a valve element to either open, close, or regulate the flow.

Common types of rotary valves that can be automated:



Ball Valve



Butterfly Valve



Plug Valve



PFA Line Valve

Why Choose Us?



Expertise & Experience

With over 10 years in the valve assembly industry, our team is highly skilled in providing the best solutions for flow control needs.



Quality Assurance

We use only premium materials and components in our assemblies. Each valve is tested for reliability and compliance with industry standards.



Timely Delivery

We maintain a large stock in Ankleshwar to ensure quick and reliable delivery of our products. Our efficient assembly process guarantees that orders are completed and delivered on time, helping clients maintain smooth operational efficiency.



Customization

We understand that every client has unique needs, which is why we offer custom ON/OFF actuator valve assemblies to suit specific requirements.



After-Sales Support

We are committed to customer satisfaction. Our service unit and personnel provide after-sales support to keep your valve systems efficient and reliable.

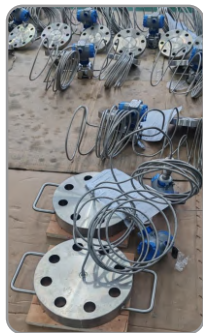
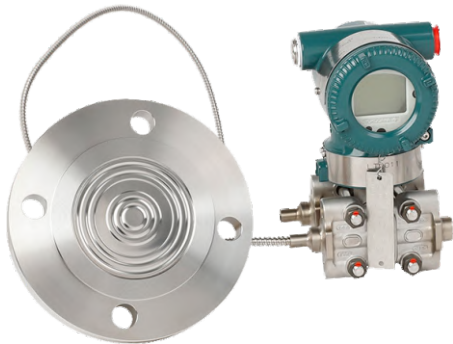
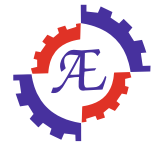


Quality Product At Better Prices

By purchasing in bulk directly from the OEM and keeping our overhead costs low, we can offer high-quality products at more affordable prices, providing cost-effective solutions for our customers.

Our Mission

Our mission is to provide efficient and cost-effective valve actuation systems that meet the needs of our customers in industries such as oil & gas, water treatment, HVAC, chemical processing, and manufacturing.



Introduction

We do the Diaphragm Seal Replacement Work with BADOTHERM INDIA.

Badotherm India is a joint venture of Badotherm Holland Inc, Founded in 1957 in Dordrecht, the Netherlands, Badotherm has developed itself into a leading global manufacturer and solution provider of Diaphragm Seal Systems.

Badotherm India is a fully-equipped seal and calibration service unit.

It was the first company in India to provide high quality chemical seals and offers a complete repair service.

Next to our vast range of standard Diaphragm Seal Systems, we specialize in the engineering and manufacturing of specials Diaphragm Seal Systems, being for extreme temperature, challenging spans and pressures, a wide variety of exotic and high end materials, as well as custom designs seals.

Why change diaphragm seal?



Damage or Wear

Over time, diaphragm seals can become worn out, cracked, or damaged due to the pressure, temperature, or chemical exposure they endure.



Chemical Corrosion

In processes where the diaphragm is exposed to harsh chemicals or corrosive environments, the material can degrade, reducing its effectiveness.



Pressure Fluctuations

In systems with fluctuating or extreme pressures, the diaphragm may become over stressed, leading to deformation or damage. If the diaphragm becomes distorted or loses its shape, it can affect the pressure measurement or control system.



Temperature Extremes

Diaphragm seals exposed to high or low temperatures may lose their integrity, especially if the materials aren't suitable for those conditions. This can cause leaks, reduced accuracy, or total failure.



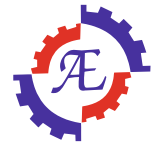
Clogging or Blockage

Diaphragm seals can become clogged with particulate, sludge, or other materials in the fluid they are measuring. This can cause incorrect readings or the inability to measure pressure accurately.



Contamination or Leakage

If the diaphragm seal begins to leak, the system's fluid or gas may mix with other components or materials, compromising the accuracy and integrity of the pressure readings.



Benefit of Diaphragm Seal Replacement



Reduces Maintenance Cost

Pay only for the diaphragm seal, cutting down overall maintenance expenses. The transmitter cost is significantly reduced.



Innovation of Diaphragm Seal

Enables connection changes, material of construction (MOC) changes, and application adaptability, offering more flexible and cost-effective solutions



Reduces PT-DPT Inventory

No need to keep multiple PT-DPT transmitters in inventory, reducing the need for excess stock.



Reduces Delivery Time

The delivery time is much shorter compared to the transmitter manufacturer, improving lead times and operational efficiency.



Accuracy

Maintains the same level of accuracy as traditional systems, ensuring that performance standards are upheld.



Reliability

The reliability of the seal replacement transmitter is the same as that of a new diaphragm transmitter

Diaphragm Seal Configuration

Diaphragm MOC

Stainless Steel,
Hastelloy,
Duplex 2205,
Nickel 201,
Tantalum,

Fill Fluid

BSO-18 (-10/+315°C)
BSO-22 (-50/+225°C)
BSO-36 (-45/+170°C)
BSO-48 (-20/+420°C)
BSO-01 (-110/+100°C)

Coating Solution

PTFE(40 & 80 µm)
PFA (40 & 80 µm)
FEP
Gold (25 & 40 µm)
Silver

Process Connection

Flange: 1" To 4"
CL 150# To 2500#
(RF, LMF, FF, SGF, RJF,
SFF, SMF, LTF, STF,
LGF LFF)

Female Thread
¼" NPT – 2" NPT
G1/4 – G2 (BSP)

Male Tread
¼" NPT – 1.5" NPT
G1/4 – G1.5(BSP)

Which diaphragm seal can be replaced?

Any Brand



Any Types of Seal



Flanged
Diaphragm Seals

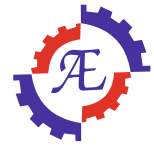


Threaded
Diaphragm Seals



Clamped
Diaphragm Seals

PRESSURE & TEMPERATURE TRANSMITTER



Pressure Diff Pressure Transmitter

Base Accuracy From $\pm 0.06\%$ of URL, Optional: 0.04% of URL
Span Limits 16 to 105000KPa, 64 in H₂O to 15228 PSI
Make Yokogawa, Emerson, ABB, Endress+Hauser
Full Compliance with PED Category III
SIL2 and SIL3 Certification Available

Differential Pressure Transmitter

Base Accuracy From $\pm 0.06\%$ of URL, Optional: 0.04% of URL
Span Limits 0.05 to 16000KPa; 0.2 to 2320 PSI
Make Yokogawa, Emerson, ABB, Endress+Hauser
Full compliance with PED Category III
SIL2 and SIL3 certification available



Fixed Type Pressure Transmitter

For applications in Gases, Fluids and Hydraulics
Pressure Measuring Ranges -1 to 0 Bar up to 0 to 1600 Bar
Easy Process Implementation
Robust and durable even under extreme conditions

Temperature Transmitters

Type Field Mounted, Head Mounted and DIN Rail mounted
4 to 20 mA with optional HART Interface
Programmable Transmitter For RTD and C/T
Components for OEM Sensor Manufacturers



Orifice Plate Flange Assembly

IBR & Non IBR Size 1/2" to 40" Class 300/600/900/1500/2500
Orifice Carrier Ring Assembly Size 1" to 40"
Integral Orifice Plate Flange Assembly with Meter Run & H-Type Valve Manifold Size - 1/2" to 1 1/2"

ON-OFF VALVES ACCESSORIES PRODUCT RANGE



Electro-Pneumatic Positioner

Motion Type	Linear / Rotary
Acting Type	Single / Double
Protection	WP / Ex D / Ex IA
Features	Feedback, Limit Switch
Make	FORBES MARSHALL, ROTORK-YTC, ROTEX & OTHER

Electro-Pneumatic Smart Positioner

Motion Type	Linear / Rotary
Acting Type	Single / Double
Protection	WP / Ex D / Ex IA
Features	HART® Protocol, Feedback, Limit Switch, Diagnostic
Make	ROTORK-YTC, SIEMENS, ABB, FORBES MARSHALL & OTHER



Solenoid Valves

Type	3/2 Way, 5/2 Way & Convertible
Mounting Type	Namur / Non-Namur
MOC	Aluminium, SS304, SS316
Coil Protection	WP / Ex D / Ex IA
Make	ASCO, IMI NORGREN, ROTEX, AVCON & OTHER

Limit Switch Box

Type	Mechanical Switch / Proximity Sensor
Output Type	Two-Wire (V-15 & NBB3-V3) / Namur (NJ2-V3 & NCB2-V3)
Protection	WP / Ex D / Ex IA
Switch or Sensor Make	HONEYWELL, P&F, TURCK & OTHER



Air Filter Regulator

Size	¼", ½" & 1"
Body Material	Aluminium, Polycarbonate, SS
Make	SHAVO, FESTO, JANATICS, NORGREN & OTHER



Pressure Gauge: SP & GP

Nominal Size	63, 100, 150, 200 and 250mm
Std. Ranges	-760 mmhg to 0, upto 700 kg/cm ²
Protection to IP67	Accuracy class $\pm 1.0\%$ of FS
Stainless Steel Casing	Dry or Liquid Filled Version
W/P Part	SS316, SS316L & Monel
Mounting	Bottom & Back
Compliance to latest EN837-1	
Overload capacity upto 130 % of FSD	
External Zero Adjustment (Optional)	
Jelly Cap Movement, Inbuilt Snubber, IBR Certification	

Low Pressure Sensing Schaffer Diaphragm Pressure Gauge

Nominal Size	100 and 150mm
Std. Ranges	-1000 to 0mmwc & upto 6000mmwc
Protection to IP67	Stainless Steel Casing
Diaphragm MOC	SS316L, Monel 400, Hastelloy-C276, Tantalum
PTFE Protection	PTFE coating & Sheet For Diaphragm, PTFE lining for bottom chamber / flange
Compliance to latest EN837-3	
Overload capacity upto 125 % of FSD	
Accuracy class $\pm 1.6\%$ to 2% of FS	



Low Pressure Sensing Capsule Type Diaphragm Pressure Gauge

Nominal Size	100 and 150mm
Std. Ranges	-1000 to 0mmwc & upto 6000mmwc
Stainless Steel Casing	Dry Unfilled Version
Socket to case	TIG argon welded
Compliance to latest EN837-3	
Overload capacity upto 125 % of FSD	
Protection to IP67	
Accuracy class $\pm 1.6\%$ to 2% of FS	
NABL Traceability Certificate	





Chemical Seal Pressure Gauge

Connection	Threaded, Flanged & Triclover
Transmitting Fluid	Silicon DC200, Silicon Dc704, Halocarbon, Fluorolube oil (Others on request)
Applications	Corrosive Media, High Temperature, Viscous Fluids, Pharma (sanitary connection)
Diaphragm MOC	SS316L, Monel 400, Inconel 825, Hastelloy-C276, Tantalum, Nickel
PTFE Protection	PTFE coating & Sheet For Diaphragm, PTFE lining for bottom chamber / flange

NABL Traceability Certificate

Single Diaphragm Differential Pressure

Nominal Size	100 and 150mm
Std. Ranges	250 mm WC to 10000 mm WC 0 to 0.6 bar upto 0 to 10 bar
Protection to IP67	Accuracy class $\pm 1.6\%$ FS
Stainless Steel Casing	Dry Unfilled Version
Compliance to latest EN837-3	
Static Pressure Max upto 40 Bar	
Also available with contacts	
NABL Traceability Certificate	



Electric Contact Pressure Gauge (Transmitter Options)



Nominal Size	100 and 150mm
Std. Ranges	0 to 0.6 kg/cm ² - 700 kg/cm ²
Output	Contact or 4-20 mA
Stainless Steel Casing	Dry unfilled version
Overload capacity upto 130 % of FSD	
Accuracy class $\pm 1\%$ FS (contact accuracy 2.5%)	
Compliance to latest EN837-1	
NABL Traceability Certificate	



Bimetallic Temperature Gauge

Nominal Size	100 and 150 mm
Std. Ranges	-40°C to 400°C
Mounting Options	Direct Bottom, Center Back, Every Angle
Overload Capacity of 130% of FSD	
Accuracy Class Tolerance Class 1 as Per EN 13190	
Stainless steel casing, External zero adjustment (optional)	
Compliance to latest EN13190	
NABL Traceability Certificate	

Gas Filled Temperature Gauge

Nominal Size	100 and 150 mm
Std. Ranges	-50°C to 600°C
Mounting Options	Direct Bottom, Center Back, Every Angle, Panel Mounted & Surface Bottom
Overload Capacity of 130 % of FSD	
Accuracy Class Tolerance Class 1 As Per EN 13190	
Compliance to latest EN13190	
Remote mounting with capillary	



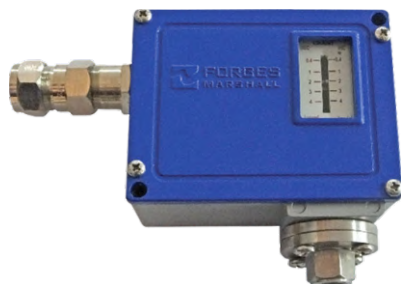
RTD Sensor

No. of Elements	Simplex / Duplex
Element Type	PT-100, (-200 to 450 Deg.)
Accuracy Class	Class A / Class B (As per IEC-60751 / DIN 43760)
Wire Configuration	2 / 3 / 4 Wire (SIMPLEX) / (DUPLEX)
Sheath Material	SS316
NABL Traceability Certificate	

Thermocouple

No. of Elements	Simplex / Duplex
Element Type	J / K / N / R / S / B / T / E
Accuracy Class	Class I / Class II (As per IEC-584.2 / ANSI MC 96.1)
Wire Configuration	2 Wire (SIMPLEX) / 4 Wire (DUPLEX)
Sheath Material	SS316 / Other's on request





Weather/Flame/Explosion Proof Pressure Switch

Type	Diaphragm SS316L / Piston SS316
Accuracy, Repeatability	(+/- 1 % of FSR)
Range	-200mm WC to 40 BAR above 40 BAR Piston type
Enclosure	Aluminium Die Cast LM6 IP 67 & IIB, IIC
Switch Type	Micro switch 1SPDT, 2SPDT Contact

Side Mounted Level Switch

Float	Dia. 42mm, 52mm, 75mm SS316
Enclosure	Weather Proof IP 67 or LM24
Micro Switch Type	Switch 1SPDT, 2SPDT
Process Connection	As Per Requirement
Maximum Pressure	20 Bar

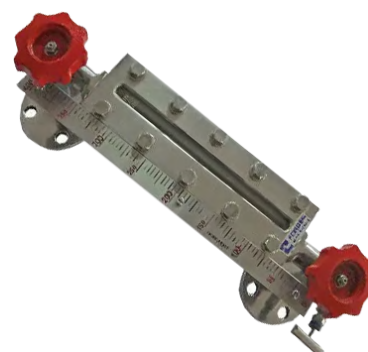


Top Mounted Level Switch

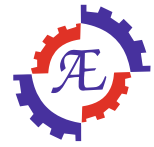
Float	Dia. 28mm, 52mm SS316
Enclosure	Aluminium die cast LM6 IP 67 & IIB, IIC
Reed Switch Type	Switch 1SPST, 1SPDT Hermetically Sealed
Switching Point	1Nos / 2Nos / 3Nos / 4Nos
Process Connection	Flange or Thread

Reflex / Transparent / Tubular

Indicator System	Gauge Glass
Process Connection	Flange / Screwed as per requirement
Distance C – C	250 to 2000mm
Maximum Pressure	Up to 200 kg/cm ² @ 400°C
Maximum Temp.	10 to 250°C



GAUGE ACCESSORIES PRODUCT RANGE



Snubber



Working Pressure Upto 6000 PSI
Connection 1/2"NPT (FxM)
MOC SS316 / SS316L / Monel etc.

Gauge Save



Connection 1/2"NPT (FxM)
MOC SS316 / SS316L / Monel etc.

Gauge Cock (2 Way & 3 Way)



Connection 1/2"NPT (FxF)
MOC SS316 / SS316L / Monel etc.

Manifolds (2 Way, 3 Way, 4 Way, & 5 Way)



Connection 1/2"NPT (FxF) AS STD.
MOC SS316 / SS316L / Monel etc

Syphon



Connection Pigtail / Coil / U-Type
MOC SS316 / SS316L / Monel etc.

Needle Valve



Working Pressure Up to 6000 PSI
Connection 1/2"NPT (FxF) AS STD
MOC SS316 / SS316L / MONEL ETC.



Thermowell

Type Barstock / Fabricated
Connection Screwed, Flanged, and on Request
Construction Straight, Full Taper, Stepped and Partial Taper
Head Round, Round with Spanner Slots / Hexagonal
Stem Material SS304, SS316 / Others on request
Protection PTFE Coating, PTFE Line, PFA Line, Sleeves Hastelloy C
Tests and Certi. IBR, Radiography, Ultrasonic Testing, Dye Penetration Testing, NACE Conformity for W/P



Control Valves

Nominal Size	½" - 16"
Material of body	WCB, CF8M, CF8, LCB,
Seat	SS316, SS410, SS440C Hardened
Seat Leakage	Metal-to-Metal Leakage Class IV, Opt. Leakage Rate Class V Leakage Class VI (0 - 180°C) (ANSI 150 and 300 only)

Flow Meter

Electromagnetic Flowmeters
Coriolis Mass Flowmeters
Ultrasonic Flowmeters
Vortex Flowmeters
Variable Area Flowmeters



Process Analytics

Conductivity Sensors
PH and ORP Sensors
Dissolved Oxygen Sensors
Field Mounted Transmitters
Panel Mounted Transmitters

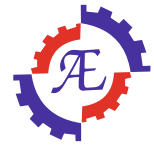
Steam Trap

Thermodynamic Steam Trap
Ball Float Traps
Single Orifice Float Trap
Two Orifice Float Trap
Bimetallic Thermostatic Steam Trap

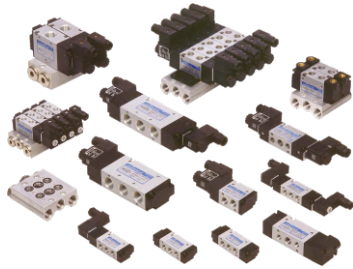


Safety Relief Valves

Type	25 NB x 50 NB To 250 NB x 350 NB
Pressure Range	0.7 to 90 Kg/cm ²
Temp. Range	-40°D to +538°C
Fluid Supported	Liquid, Gas & Steam
Certification	IBR / EIL / CCOE
Construction Materials	Cast Steel, Stainless Steel / L.C.B. / WC6 etc



Solenoid Valves



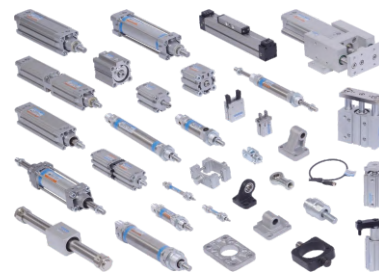
Pulse Valves



Angle Seat Valves



Air Cylinder



Filter, Regulator, & Lubricator



One Touch Fitting



SS & Copper Tube



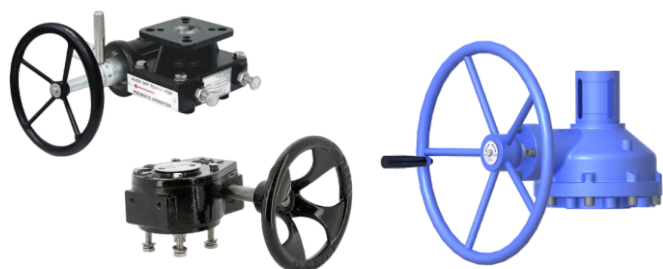
SS Double Ferrule Fitting



Brass Sible Ferrule Fitting



Gearbox & Manual Override



VALVE SERVICES



AKSHARDEEP ENGINEERS is a leading industrial valve repair services company located in Ankleshwar, India. With dedicated Valve Repair Service Center in Ankleshwar, we specialize in repairing, testing, and maintaining industrial valves of any size, age, type, make, rating, material of construction (MOC), and temperature. Our team is committed to delivering exceptional valve services, ensuring the highest standards of quality, reliability, and performance.

Routine Valve Repair Services Include (Depending on Valve Type)

- Inspection
- Strip and clean
- Buffing & Machining
- Gland Packing & Body Joint Gasket Change
- Seat welding repairs
- Seat grinding & lapping
- Hydrostatic body test
- Seat leakage test
- Spray painting
- In house inspection and acceptance

Additional Services

- Mounting of actuators to valves
- Mounting of positioners to actuators
- Calibration of positioners



Why Choose AKSHARDEEP ENGINEERS?



Experience & Expertise

Over 18 years of combined experience in the valve servicing industry.



Skilled Technicians

Our technicians are highly trained and possess deep knowledge of valve repair and maintenance.



Competitive Pricing

We provide cost-effective valve repair solutions without compromising on quality or safety.



Comprehensive Solutions

We handle valves of any size, type, and rating, offering tailored solutions for each customer.



Commitment to Quality

We are dedicated to delivering top-quality services that meet or exceed industry standards.



Customer Focussed

We prioritize customer satisfaction by understanding your specific needs and consistently delivering superior products and services.

Mission Statement

Our mission is to provide high-quality, reliable, and efficient valve repair services to meet the unique needs of our clients. Through our expertise and commitment to excellence, we aim to be the trusted partner for all valve servicing requirements in Ankleshwar and beyond.

OUR CLIENT



AKSHARDEEP
ENGINEERS

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