

Kara Technology News®



KTN®
Kara Technology News

**YOUR GLOBAL
PARTNER**



INDUSTRIAL VALVES

BALL VALVES

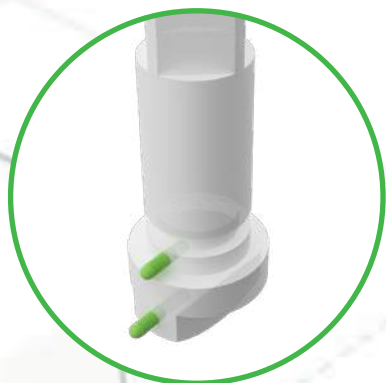
- Simple and effective design -

Safety lock consisting of a bolt that prevents unwanted movement of the valve

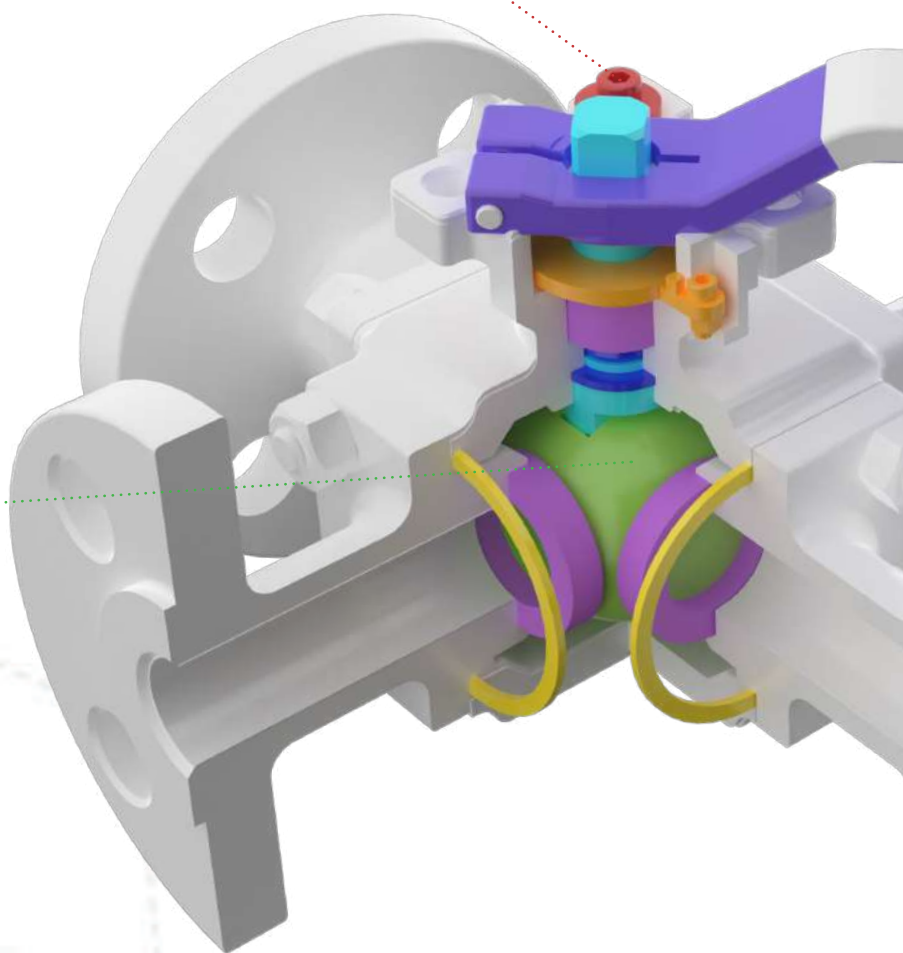
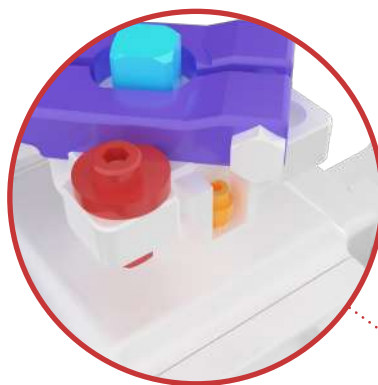
Clamp handle which helps to move the stem smoothly and safely

The **packing gland** ensures sealing integrity on the valve preventing leaks that could lead to environmental contamination or safety hazards. It also extends lifespan of the packing material protecting from external elements such as dust, dirt or debris.

T shaped **blowout proof stem** to prevent expulsion



Electrostatic device, which consist in electrostatic springs placed between the ball and stem to ensure that all metal parts of the valve are grounded. This guarantees the electrical continuity of the parts to work safely with flammable fluids.



AVAILABLE FEATURES

ANTI-EJECTABLE STEM	ANTISTATIC DEVICE	FIRE SAFE	FDA CONFORMITY PFA LINING
HIGH PRESSURE SERVICE	HIGH TEMPERATURE SERVICE	CRIOGENICAL SERVICE	ELECTROPOLISHED STEEL

Design standards: API, ASME, ISO, EN, BS, DIN, JIS, GB.

Available aleations: CF8M, CF8, CF3, CF3M, CN7M, LCB, WCB, WC6, WC9, C5 and other material upon your request.

Pressure ratings: Class 150/300/600/900/1500 | PN 16/25/40/63/100/160 | JIS 10K/20K/30K/40K/63K/110K.

Certifications: API 6D, API 608, API 607, TSG, ISO9001, ISO14001, OHSAS18001, DVGW W534, CE, TS 16949, SIL.



AVAILABLE DESIGNS

SOFT SEAT					METAL SEAT		
THREADED ENDS	FLANGED ENDS	CLAMP ENDS	WAFER	LINED	THREADED ENDS	FLANGED ENDS	WAFER

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Our DIN flanged valves counts with **firesafe construction**. When a fire breaks out in the surrounding area, the valve seat is burned, and the ball moves backward under the force of the medium, contacting with the body's fire-proof lip to assist in sealing and reducing medium leakage.

For efective sealing, lubrication and leaking prevention our ball valves are provided with:

- PTFE resilient seats, which excellent chemical resistance, low friction coefficient for smooth operation. We can provide metal seats for high temperature and pressure.
- Self lubricant multiseal graphite packing for high temperature resistance and mechanical properties. Packings can be made in PTFE for its high resistance to chemical, acids and solvents.

The stem is reinforced by crucial components as PTFE thrust washer, which helps to support the stem and reduce friction during operation, ensuring smooth movement of the ball. A viton O-ring is used to create a tight seal between the ball and the valve body, preventing leaks and ensuring proper functioning of the valve.

TECHNICAL SPECIFICATIONS

TEMPERATURE RANGE	-200°C ~ 720°C
CONFIGURATION	FLOATING BALL / TRUNNION BALL
WAYS	2-5

STANDARD MATERIALS

BODY	CARBON STEEL		STAINLESS STEEL	
	A105	WCB	CF8M	F316L
SEAT	PTFE / RPTFE / METAL			
BALL	CF8M / F316L			

INDUSTRIAL VALVES

BUTTERFLY VALVES

- Light and compact -

AVAILABLE DESIGNS

SOFT SEAT

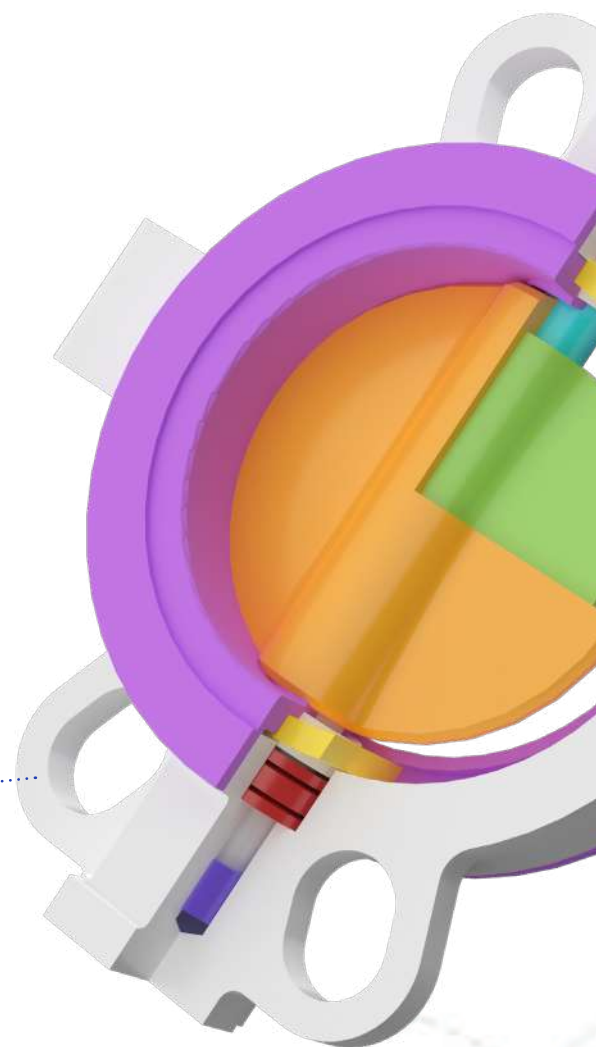
WAFER EPDM	LUG EPDM	WAFER PTFE	WAFER PTFE PFA DISC	DOUBLE FLANGE	CLAMP ENDS
					

AVAILABLE SEATS UNDER REQUEST

MATERIAL	WORKING TEMP.	MEDIA APPLICATIONS
BUNA-N (Nitrile Rubber)	-25°C ~ 100°C	Oils, hydrocarbons, gas, air, water
EPDM (Copolymer)	-35°C ~ 130°C	Water, sea water, steam, diluted acids
VITON (Fluoroelastomer)	-20°C ~ 200°C	Oils, hydrocarbons, acids
NEOPRENE (Polychloroprene)	-20°C ~ 100°C	Alkaline, bases, water
NR (Natural Rubber)	-40°C ~ 80°C	Glycols, abrasive media
SR (Silicon Rubber)	-60°C ~ 190°C	Water, food, drinks
HYPALON (Chlorosulfonate Polychloroprene)	-20°C ~ 125°C	Acids, mineral bases, alcohols, hydrocarbons
TEFLON (Polytetrafluoroethylene)	-35°C ~ 150°C	Acidity alkaline



Locating holes in the wafer version provide quick and precise alignment during the valve installation eliminating the disc interference with the adjacent pipe.



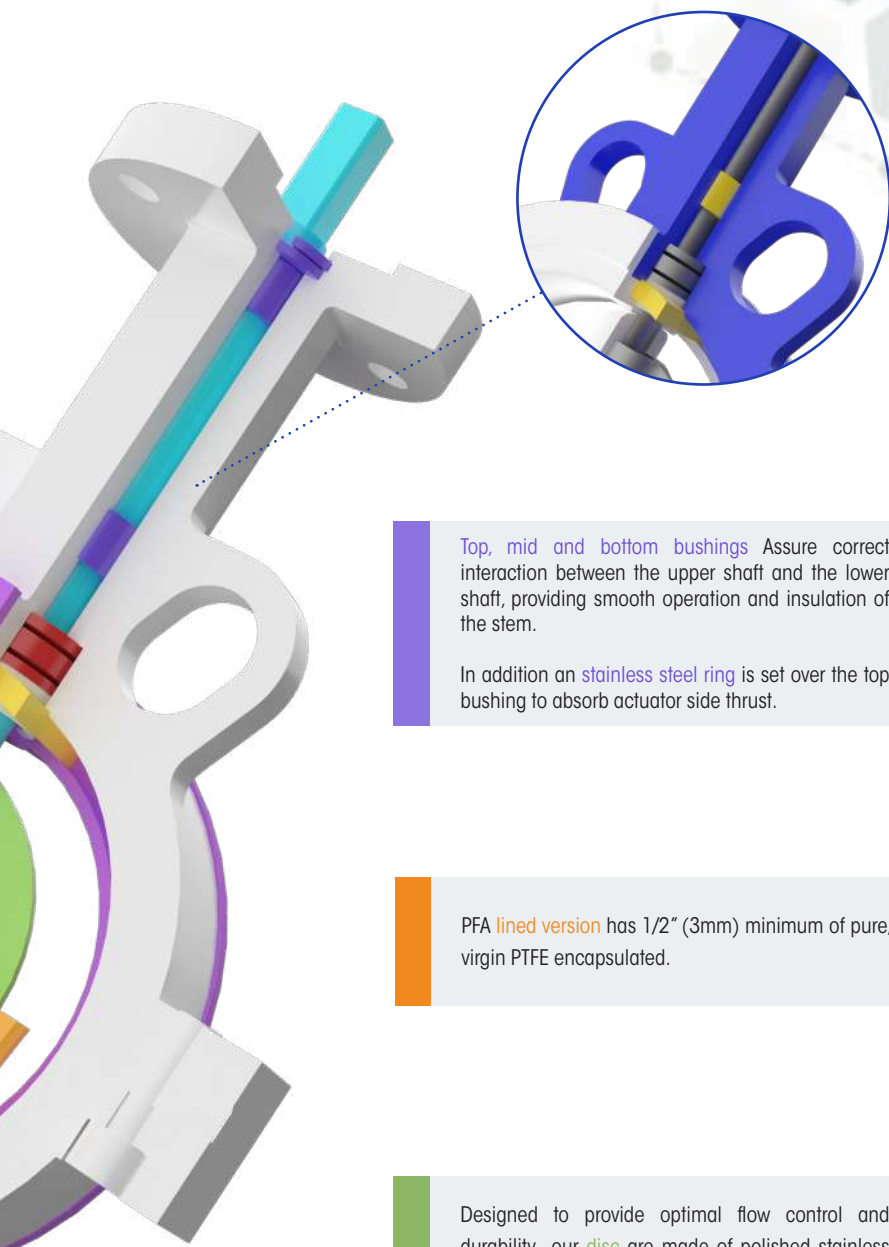
Our seat design is specially machine with a curvature from the inner seat area to the edges, minimizing contact forces between the disc and the disc as it approaches. This unique seat geometry permits lower torques and reduces seat wear.

Design standards: EN593, API609, BS5155, MSS SP-67.

Available materials: Cast iron, ductile and other material upon your request.

Pressure ratings: 16Bar (DN50-250) 10 Bar (DN300-900).

Certifications: ISO9001, CE, WRAS, ACS, DNV, ABS, RINA.



An **extended neck** design which allows 2" of operating distance between the pipe and easy access for actuator assembly.

Top, mid and bottom bushings Assure correct interaction between the upper shaft and the lower shaft, providing smooth operation and insulation of the stem.

In addition an **stainless steel ring** is set over the top bushing to absorb actuator side thrust.

Two sets of **disc springs** to compensate and properly compress the deformation on the body. It imposes elastic forces on the press sleeve, compacts the "O" ring and seat, and improves axial sealing.

PFA lined version has 1/2" (3mm) minimum of pure, virgin PTFE encapsulated.

A resilient **seat energizer** is extended completely around the seat, including the disc hub to provide enough uniform force for bubble-tight shut off.

Designed to provide optimal flow control and durability our **disc** are made of polished stainless steel or other compatible materials under request.

1 or 2 pieces **stem** made of stainless steel or other quality alloys, completely sealed and designed to withstand the operating conditions of the valve efficiently. Strong precision key on the upper side to attach handle or actuator.

TECHNICAL SPECIFICATIONS

TEMPERATURE RANGE	-35°C ~ 200°C
TYPE	WAFFER / LUG / DOUBLE FLANGE
PRINCIPLE	CONCENTRIC / DOUBLE ECCENTRIC

STANDARD MATERIALS

BODY	IRON	CARBON STEEL	STAINLESS STEEL
	GG25	WCB	CF8M
SEAT	WRAS EPDM / PTFE		
DISC	CF8M		

INDUSTRIAL VALVES

GLOBE VALVES

- Robust and reliable -

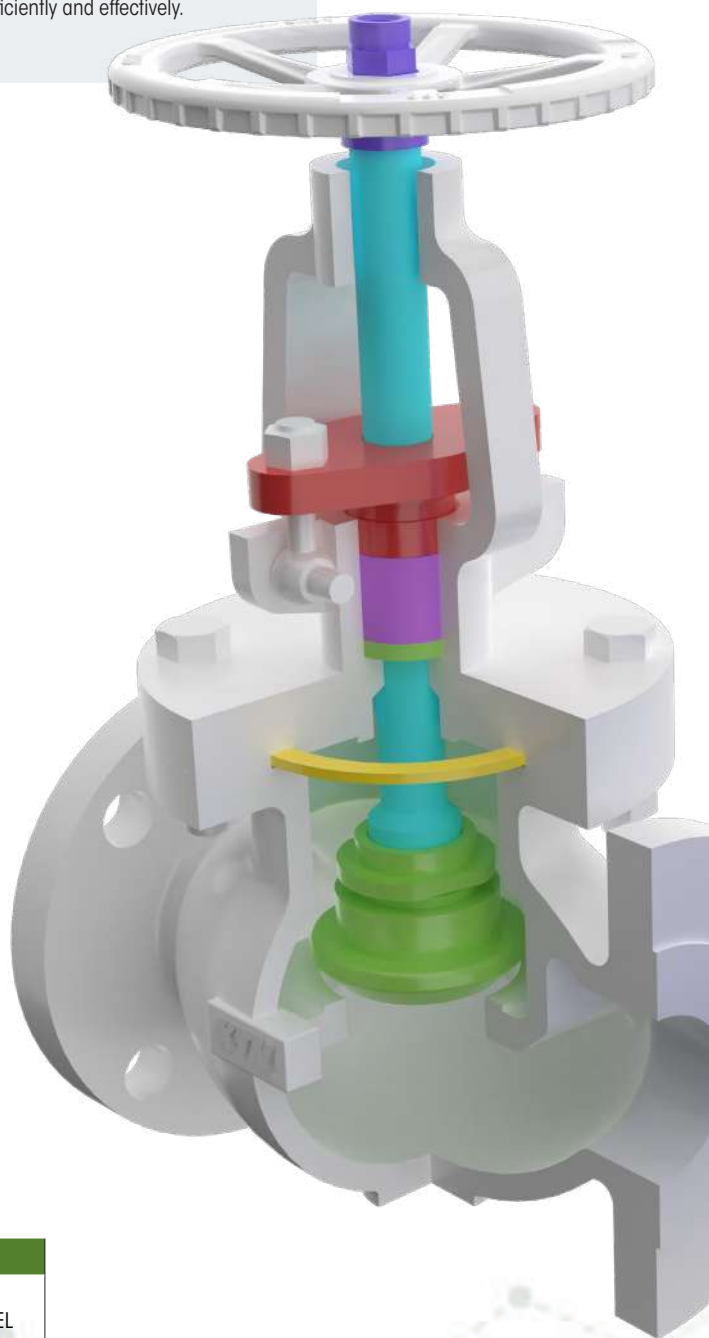
To ensure perfect stem isolation, **stem nut** D2 or BS 1873 standard bronze are set in our flanged globe valves, bronze stem nuts have high wear and corrosion resistance.

Packing gland compresses the packing around the valve stem to create a tight seal, ensuring that the valve operates efficiently and effectively.

Corrugated heat-resistant **graphite gasket** for rapid adaptability between the body and the bonnet and made to withstand dramatic temperature changes.

Strong and rigid stainless steel **stem** that complies with the main manufacturing standards, making it almost indestructible.

Our **graphite packing** is used because of its excellent sealing properties and high temperature resistance. Graphite is a self-lubricating material that can withstand high pressures and temperatures, making it ideal for creating a tight seal around the valve stem. This helps prevent leakage of the fluid being controlled by the valve and ensures smooth operation of the valve over time.



TECHNICAL SPECIFICATIONS

BODY	FORGED CARBON STEEL	FORGED STAINLESS STEEL	CAST CARBON STEEL	CAST STAINLESS STEEL
	A105	316	WCB	CF8M
SEAT	A105+STL	316+STL	WCB+STL	316
WEDGE	13Cr+STL	316L	13Cr	316
TRIM	5	12	8	10
ENDS	NPT/SW	NPT/SW	ANSI	ANSI
°C	-29°C ~ 425°C			

Design standards: BS1873, API600, API6D, API602.

Available aleations: Forged carbon steel, forged stainless steel, cast carbon steel and cast stainless steel.

Pressure ratings: Class 150/300/600/900/1500.

Certifications: ISO9001, ISO14001, OHSAS18001, API6D, API600, API609, API594, CE, API607/6FA/6FD.



AVAILABLE DESIGNS

METAL SEAT

NPT / SW FORGED CS



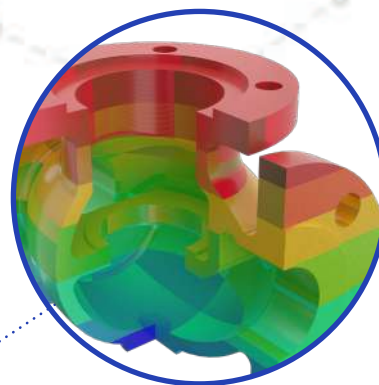
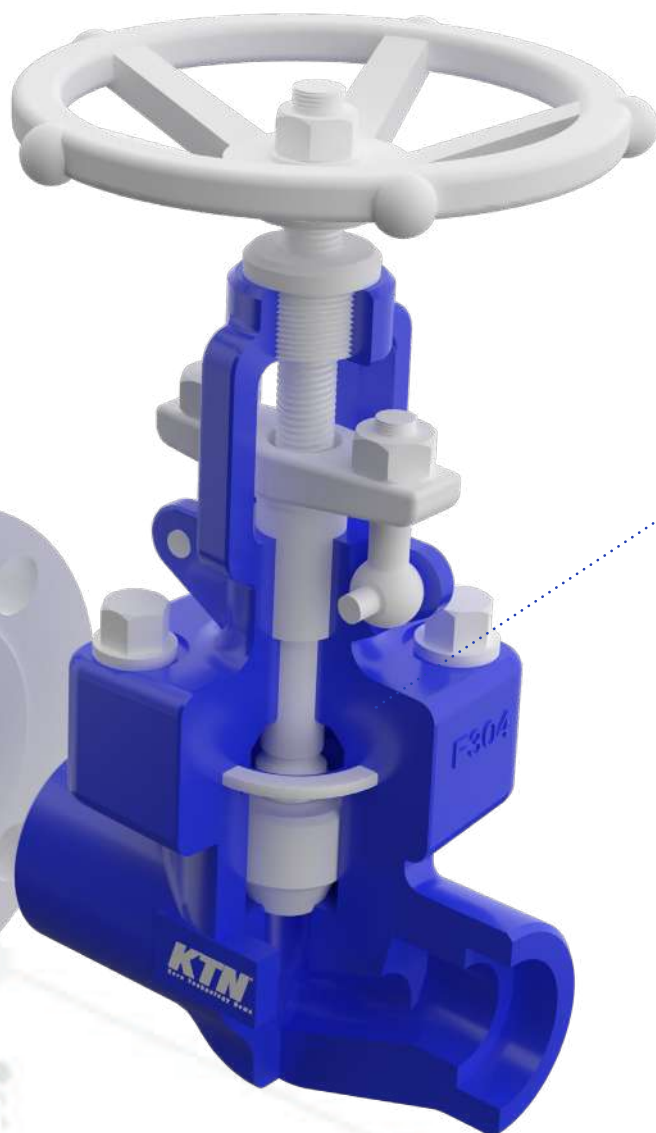
NPT / SW FORGED SS



FLANGED CAST CARBON



FLANGED CAST STAINLESS STEEL



Body is designed with casting software to optimize the parameters of the manufacturing process. This software greatly minimizes the probability of casting defects such as shrinkage, porosity and cracks.

Manufacturing includes pouring of the casting to reduce internal defects in the castings, and heat treatment of the casting to improve the mechanical properties of the materials, eliminating residual stresses and improving the machinability of the metal. Our manufacturing process is fully compliant with the standard but also exceeds it's thickness by 10%.

Fully adjustable wedge making it ideal for improved performance and flow accuracy. Combining ASTM A29M 1020 nut and ASTM A351 CF8M wedge to meet API 598 destruction test requirements.

INDUSTRIAL VALVES

GATE VALVES

- Durability and performance -

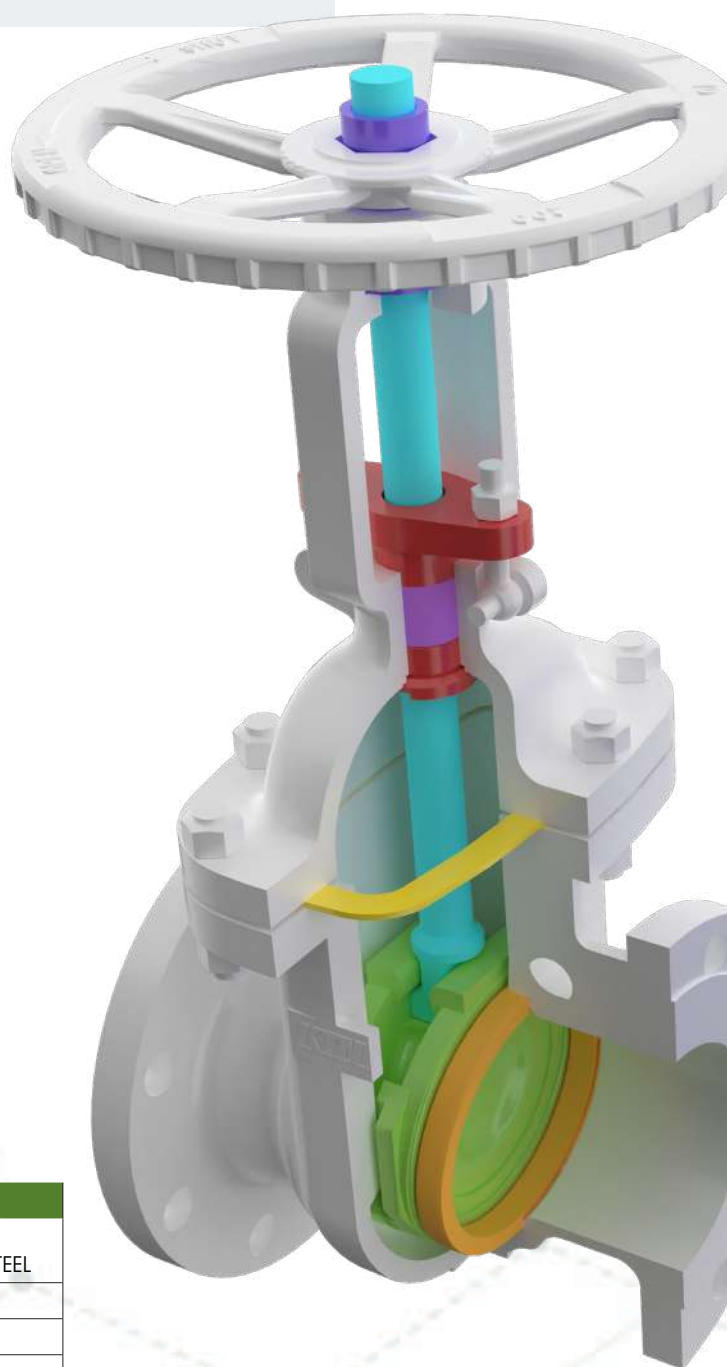
To ensure perfect stem isolation, **stem nut** D2 or API600 standard bronze are set in our flanged gate valves, bronze stem nuts have high wear and corrosion resistance.

Packing gland compresses the packing around the valve stem to create a tight seal, ensuring that the valve operates efficiently and effectively.

Corrugated heat-resistant **graphite gasket** for rapid adaptability between the body and the bonnet and made to withstand dramatic temperature changes.

Strong and rigid stainless steel **stem** which meets API600 standard which makes it almost undestructable

Our **graphite packing** is used because of its excellent sealing properties and high temperature resistance. Graphite is a self-lubricating material that can withstand high pressures and temperatures, making it ideal for creating a tight seal around the valve stem. This helps prevent leakage of the fluid being controlled by the valve and ensures smooth operation of the valve over time.



TECHNICAL SPECIFICATIONS

BODY	FORGED CARBON STEEL	FORGED STAINLESS STEEL	CAST CARBON STEEL	CAST STAINLESS STEEL
	A105	316	WCB	CF8M
SEAT	A105+STL	316+STL	WCB+STL	316
DISC	13Cr+STL	316L	13Cr	316
TRIM	5	12	8	10
ENDS	NPT/SW	NPT/SW	ANSI	ANSI
°C	-29°C ~ 425°C			

Design standards: API600, API602.

Available aleations: Forged carbon steel, forged stainless steel, cast carbon steel and cast stainless steel.

Pressure ratings: Class 150/300/600/900/1500.

Certifications: ISO9001, ISO14001, OHSAS18001, API6D, API600, API609, API594, CE, API607/6FA/6FD.



AVAILABLE DESIGNS

METAL SEAT

NPT / SW FORGED CS



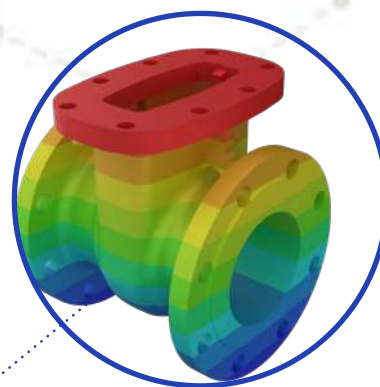
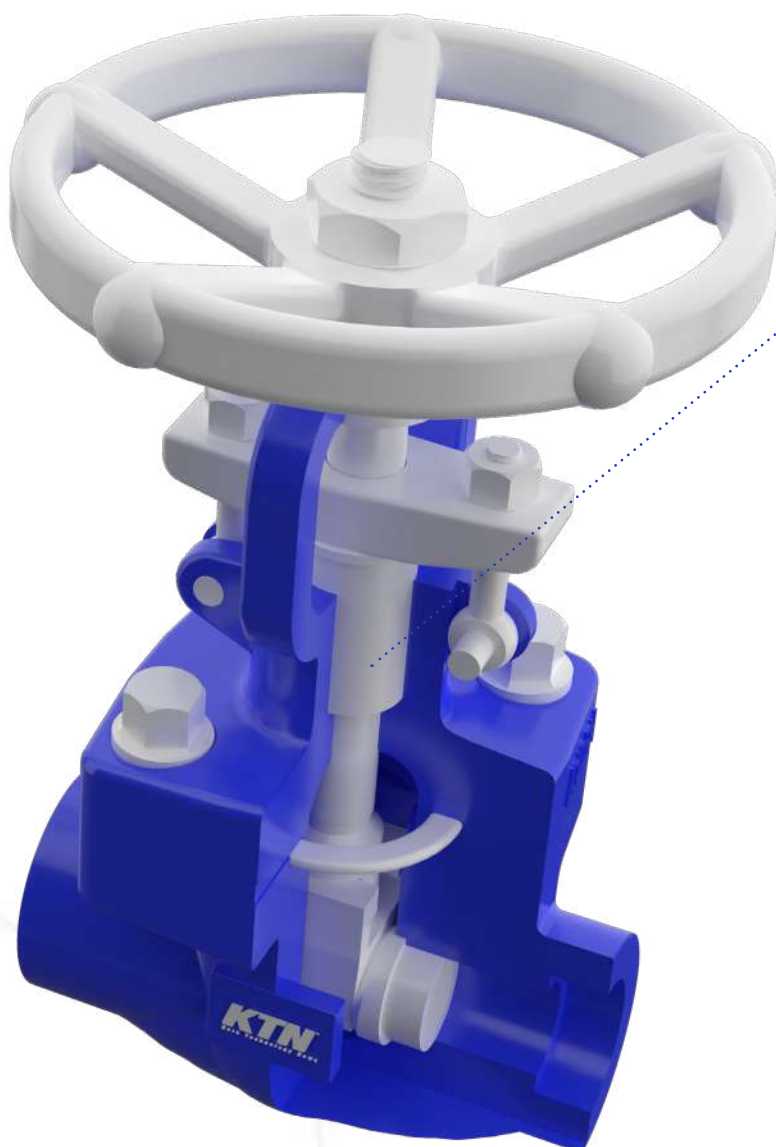
NPT / SW FORGED SS



FLANGED CAST CARBON



FLANGED CAST STAINLESS STEEL



Body is designed with casting software to optimize the parameters of the manufacturing process. This software greatly minimizes the probability of casting defects such as shrinkage, porosity and cracks.

Manufacturing includes pouring riser to reduce internal defects of castings, and casting heat treatment to improve mechanical properties of materials, eliminate residual stress and improve machinability of metal. Our manufacturing process totally meet API standard, the average thickness exceeds the standard by 10%.

Fully open/close **disc** which makes it great for improving flow performance and reducing fluid resistance. CA15+13Cr (size 2"-4") or WCB+13Cr(Above 5") to meet API600 destruction test requirements.

INDUSTRIAL VALVES

CHECK VALVES

- Backflow prevent -

AVAILABLE DESIGNS

ANSI STANDARD / METAL SEAT

NPT / SW FORGED CS



NPT / SW FORGED SS



FLANGED CAST CARBON



FLANGED CAST STAINLESS STEEL

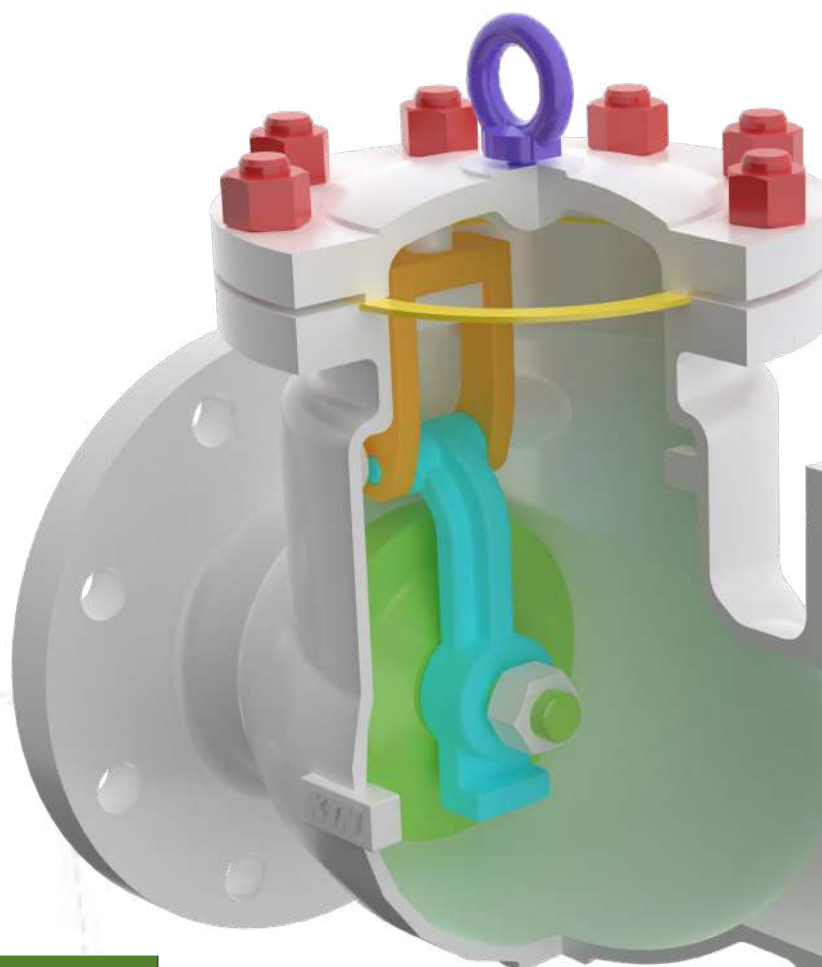


Bolted bonnet which provides a secure seal to prevent leakage and maintain pressure integrity within the valve. This ensures that the valve functions properly and effectively controls the flow of fluids in a piping system.

The **top hook** helps to hold the bonnet in place and provides additional support to keep the valve components aligned and stable.

The **valve lever** is attached to the shaft by a bearing to improve the compatibility between materials and its resistance to wear.

Corrugated heat-resistant **graphite gasket** for rapid adaptability between the body and the bonnet and made to withstand dramatic temperature changes.



TECHNICAL SPECIFICATIONS

BODY	FORGED CARBON STEEL	FORGED STAINLESS STEEL	CAST CARBON STEEL	CAST STAINLESS STEEL
	A105	316	WCB	CF8M
SEAT	A105+STL	316+STL	WCB+STL	316
DISC	13Cr+STL	316L	13Cr	316
TRIM	5	12	8	10
ENDS	NPT/SW	NPT/SW	ANSI	ANSI
°C	-29°C ~ 425°C			

Design standards: API6D, API600, API602, API594, JB/T8937.

Available aleations: Forged carbon steel, forged stainless steel, cast carbon steel and cast stainless steel.

Pressure ratings: Class 150/300/600/900/1500.

Certifications: ISO9001, ISO14001, OHSAS18001, API6D, API600, API609, API594, CE, API607/6FA/6FD.



AVAILABLE DESIGNS

DIN STANDARD / SOFT SEAT

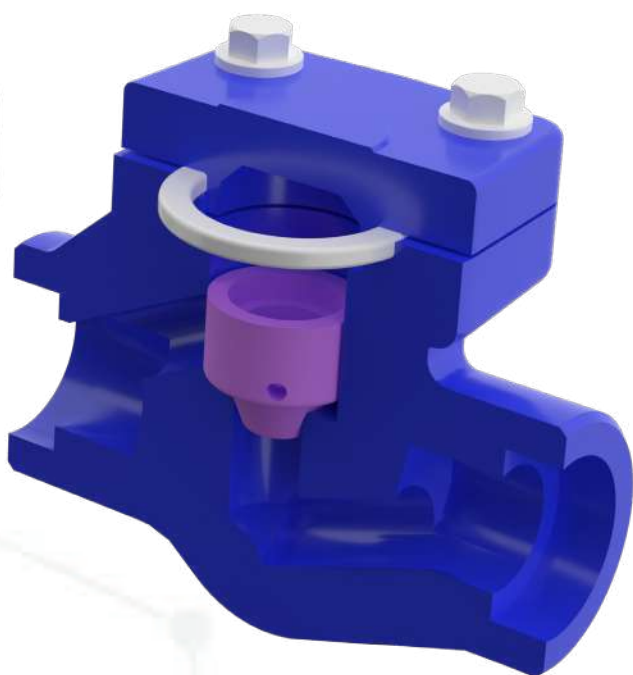
VERTICAL	SWING WAFER	DISC WAFER	DUAL SWING WAFER
			

A **swing hanger** serves as the pivot point for the swinging disc. This hanger allows the disc to swing freely in response to the flow of fluid, opening to allow flow in one direction and closing to prevent backflow in the opposite direction. The swing hanger is crucial for ensuring smooth operation of the swing check valve, as it enables the disc to move easily and effectively, providing reliable flow control and preventing reverse flow in the system.

Body and bonnet constructed from durable high-quality materials such as stainless steel, carbon steel, or ductile iron, ensuring longevity and resistance to corrosion. The seamless integration of seats into the valve body provides a tight seal that prevents leakage without the need for separate seat rings, reducing the risk of misalignment or damage. The interior design of the valve body is optimized to offer a smooth flow path, minimizing pressure drop and turbulence for efficient operation. Additionally, the reinforced construction of the body enables it to withstand high pressures and temperatures, guaranteeing reliable performance in demanding industrial application.

Disc clapper includes a pin to improve mobility around the valve seat, it allows better sealing and more efficient flow control. The pin helps the disc clapper move freely and adjust its position as needed to ensure a tight seal against the valve seat. This mobility is crucial in preventing backflow and leakage, as well as in maintaining the overall performance and reliability of the check valve.

Floating disc allows effective flow control and prevention of backflow in piping systems. The floating disc is designed to move freely within the valve body, responding to changes in fluid pressure to open or close the valve as needed. This design ensures a tight seal when the flow is in the correct direction, preventing reverse flow and leakage. Our disc is made of durable materials such as stainless steel or other corrosion-resistant alloys to ensure longevity and reliable performance.



ACTUATORS AND ACCESSORIES

- Durability and reliability -

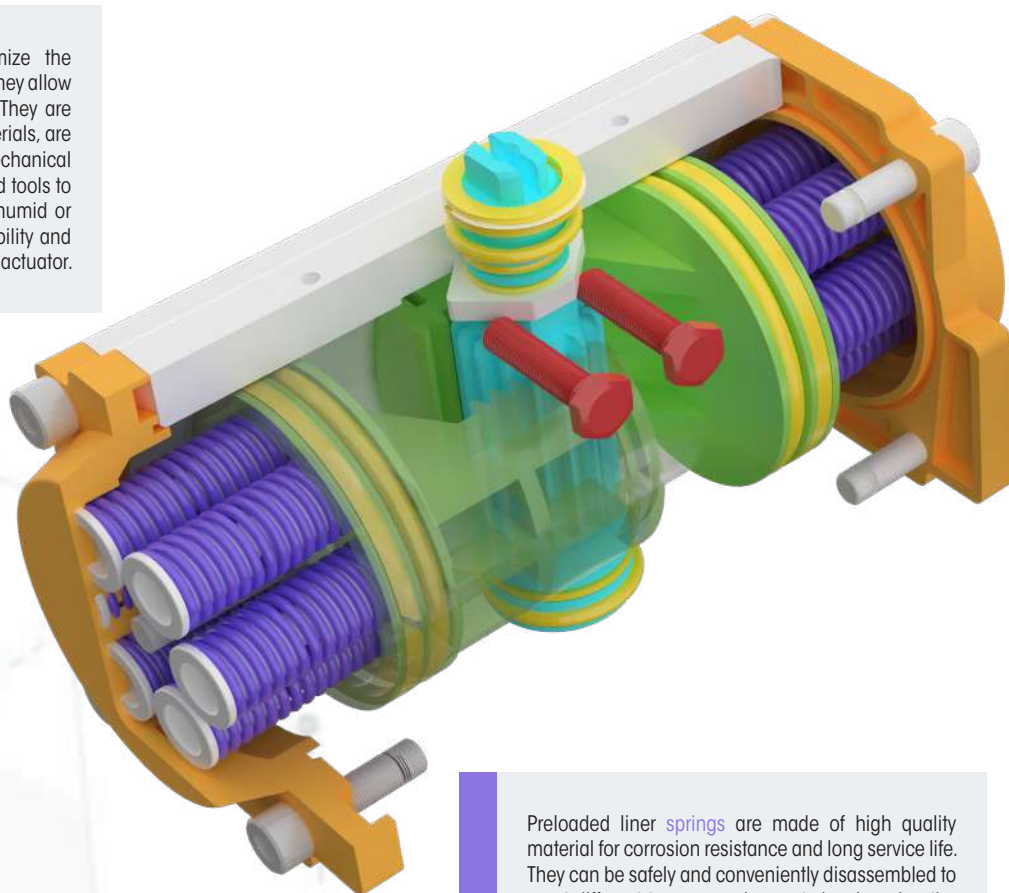
AVAILABLE DESIGNS		
SINGLE ACTING VALVES	ACTUATORS	
SLANTED SEAT VALVE	SINGLE EFFECT ACTUATOR	DOUBLE EFFECT ACTUATOR
		

Adjustment bolts are essential to optimize the performance and efficiency of the actuator, they allow fine and precise adjustments to be made. They are manufactured with corrosion-resistant materials, are precise and easily accessible, offer good mechanical resistance and are compatible with standard tools to facilitate adjustment and maintenance in humid or corrosive environments, guaranteeing durability and efficiency in the operation of the pneumatic actuator.

End **caps** are coated with polyester powder die-cast aluminum, this can be painted in different colors, PTFE coated or Nickel plated.

High precision **shaft** in nickel-plated steel alloy according to NAMUR, ISO5211 and DIN3337 standards. Customizable dimensions upon special request.

The **bearings and pistons** are designed to avoid metal abrasion and manufactured with high-quality, low-friction materials to increase To further view the useful life cycle, they are also Made for easy cleaning maintenance.



Preloaded liner **springs** are made of high quality material for corrosion resistance and long service life. They can be safely and conveniently disassembled to meet different torque requirements by changing the number of springs.

The **gaskets and seals** of our KTN pneumatic actuator are manufactured with high quality elastomers resistant to compression, abrasion and chemicals. They offer a hermetic seal to prevent compressed air leaks, they are flexible and durable and adapt to the movements of the piston, maintaining their structural integrity over time. Thanks to these characteristics, our joints and seals enjoy a long useful life.

Design standards: 1505211, DIN3337, VdVDE3845, NAMUR.

Available materials: Aluminum.

Pressure ratings: PN8-PN15.

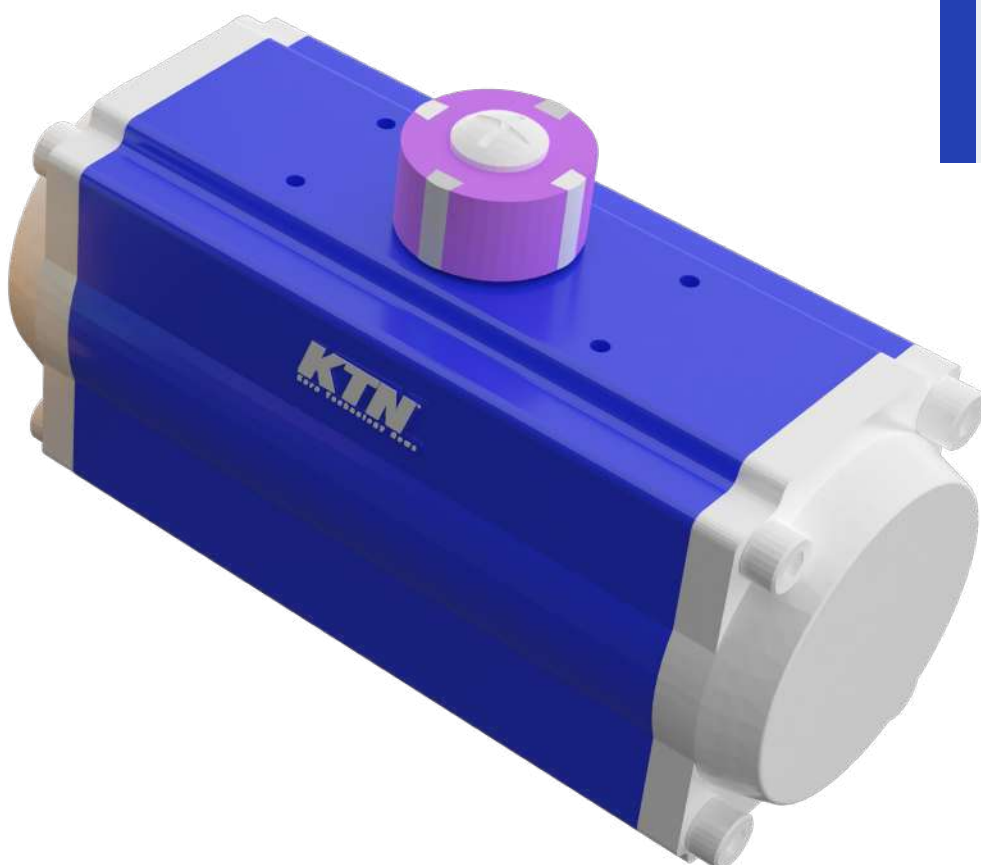
Certifications: ISO9001, CE, ATEX,



AVAILABLE DESIGNS

AUTOMATIZATION ACCESSORIES

INDUCTIVE LIMIT SWITCH BOX	ATEX INDUCTIVE LIMIT SWITCH BOX	MECHANICAL LIMIT SWITCH BOX	SOLENOID VALVE
			



Body according to different requirements, the ASTM6005 aluminum alloy body extrusion can be treated with hard anodized polyester powder, PTFE or Nickel plated, upon special order.

INDUCTIVE LIMIT SWITCH BOXES

TYPE:	INDUCTIVE / ELECTROMECHANICAL
VOLTAGE:	8 VC / 10-30 VC / 5-60 WC
PEPPERL & FUCHS SENSORS:	NBB2-V3-E2 / NBB3-V3-Z4
WORKING TEMPERATURE:	-20°C TO 80°C

The position indicator complies with the standards and specifications of the international NAMUR standard, which facilitates its mounting on all valves governed by the standard, offers protection against electromagnetic interference and surges, is robust and durable and withstands adverse environmental conditions, provides a clear and visible indication of the piston position to facilitate monitoring and control of the automated system.

INSTRUMENTATION

PRESSURE, TEMPERATURE AND ACCESORIES

- Precision in measuring -

AVAILABLE DESIGNS

TEMPERATURE

AXIAL BIMETALLIC THERMOMETER



RADIAL BIMETALLIC THERMOMETER



SWIVELLING BIMETALLIC THERMOMETER



Anti-glare coated **front cover** to improve readability in different lighting conditions and watertight sealing.

Black coloured **pointer** that provides real-time pressure level, calibrated to be precise and responsible.

Polycarbonate lid, is light and offer clear visibility, it protects the inner parts from high mechanical impact or mishandling. Regarding environment polycarbonate is resistant to shattering, which can be important in industrial environments where there may be a risk of breakage or exposure to high-pressure conditions. The material is also resistant to many chemicals and has good thermal stability, making it suitable for a wide range of industrial applications.

Dial made in aluminum which offers durability, corrosion resistance, accurate readings and easy readability.

Stainless steel **precision gears, linkages and robust bourdon tube** with dampening system to minimize needle flutter, design to provide accurate and consistent readings under hard operating conditions.



Design standards: ASME-B.40.1 / EN837-1.

Available aleations: Aluminum, stainless steel, brass.

Scales: -20°C ~ 200°C | -1 ~ 40 Bar More scales under special request.

Certifications: ISO9001, CE, EAC, NSF, UL.



AVAILABLE DESIGNS

PRESSURE		ACCESSORIES FOR INSTRUMENTATION
AXIAL PRESSURE GAUGE	RADIAL PRESSURE GAUGE	3000 / 6000 PSI NEEDLE VALVE
		

Stainless steel 304 case with exceptional corrosion resistance, durability, hygienic properties, aesthetic appeal, and temperature resistance. Stainless steel 304 ensures the gauge can withstand harsh conditions, maintain structural integrity over time, and provide accurate pressure measurements in industrial settings requiring cleanliness and high-temperature resilience.

BIMETALLIC THERMOMETER

TYPE:	INDUCTIVE / ELECTROMECHANICAL
VISOR:	BOROSILICATE GLASS
PROTECTION:	IP 65
WORKING TEMPERATURE:	-20°C ~ 200°C
SCALES:	-20°C ~ 60°C
	0°C ~ 120°C
	0°C ~ 150°C
	0°C ~ 200°C

PRESSURE GAUGES

TYPE:	INDUCTIVE / ELECTROMECHANICAL
VISOR:	POLYMER LYD
ACCURACY:	GRADE A
WORKING TEMPERATURE:	-20°C ~ 65°C
SCALES:	-1 ~ 0 Bar
	0 ~ 2,5 Bar
	0 ~ 4 Bar
	0 ~ 6 Bar
	0 ~ 10 Bar
	0 ~ 16 Bar
	0 ~ 25 Bar
	0 ~ 40 Bar
	-1 ~ 5 Bar
	-1 ~ 9 Bar
	-1 ~ 15 Bar
	-1 ~ 24 Bar
	-1 ~ 0 Bar
	0 ~ 2,5 Bar
	0 ~ 4 Bar
	0 ~ 6 Bar
	0 ~ 10 Bar
	0 ~ 16 Bar
	0 ~ 25 Bar
	0 ~ 40 Bar

Stainless steel socket connection with corrosion resistance, strength, durability, hygienic properties, and temperature resistance. Ensures accurate pressure measurement in various industrial settings while maintaining stability and reliability under harsh conditions.

SIGHTGLASS, EXPANSION JOINTS & STRAINERS

- Fitting your needs -

SIGHTGLASS AVAILABLE DESIGNS

BODY:	CF8M / WCB (PFA LINED)	SIZE:	DN15-100
GLASS:	TEMPERED GLASS	TEMPERATURE RANGE:	-20°C ~ 180°C
GASKETS:	PTFE	ENDS:	BSP/DIN *NPT/ANSI
INSTALLATION:	VERTICAL/HORIZONTAL	PRESSURE:	PN16
			

Our sightglass helps you to visually inspect the fluid thanks to its turbulence tab, they are made from durable tempered glass, a material with a low coefficient of thermal expansion, which means it does not crack like regular glass. Its flexibility and durability ensure a popular choice for a variety of uses, including high corrosion and food applications.

STRAINERS AVAILABLE DESIGNS

BODY:	CF8M / WCB (PFA LINED)	SIZE:	DN15-100
MESH:	≤ DN50 Mesh 20 ≥ DN65 Mesh 12	TEMPERATURE RANGE:	-20°C ~ 180°C
GASKETS:	PTFE	ENDS:	BSP/DIN *NPT/ANSI
INSTALLATION:	VERTICAL/HORIZONTAL	PRESSURE:	PN16
			

Our filters trap solid particles or separate liquids from solids through a filtration process, ensuring that the final product meets quality standards and regulatory requirements. They're made of high quality stainless steel, mesh is customizable under special request.

EXPANSION JOINT AVAILABLE DESIGNS

BELLOW:	EPDM (WRAS) / PTFE (FDA)	SIZE:	DN15-100
WAVES:	1 / 5	TEMPERATURE RANGE:	-20°C ~ 180°C
FLANGE:	GALVANIZED WCB	ENDS:	BSP/DIN *NPT/ANSI
INSTALLATION:	VERTICAL/HORIZONTAL	PRESSURE:	PN16
			

Our expansion joints excel at absorbing thermal expansion, vibration, and movement in piping systems or ductwork. These joints are designed to allow for the controlled movement of equipment or structures due to temperature fluctuations, mechanical vibrations, or other external forces. Bellows are made of WRAS certified EPDM for drinkable water or FDA certified pure PTFE for food or corrosive media.

*Under special request

A range of essential accessories to complement any process installation, ensuring its **efficiency, safety and durability**.



FLANGE GUARDS AVAILABLE DESIGNS

BODY:	PP - ONE TIME MOLDING	PPF - POLYPROPYLENE FIBER	PVC - POLUVINYL CHLORIDE
FEATURES:	360° FULL TRANSPARENT DISPLAY	PTFE ROPES	FULL VISION / WARNING LEAK STRIP
CONNECTION:	PIN	HOOK AND LOOP FASTENER	HOOK AND LOOP FASTENER
WORKING TEMP:	-15°C ~ 90°C	-15°C ~ 90°C	-15°C ~ 90°C
MEDIA:	HIGH CORROSIVES	HIGH CORROSIVES	HIGH CORROSIVES
BODY:	PTFE - TEFLON	PTFE - ROUNDED TEFLON FIBER	PTFE AND TRANSPARENT PTFE
FEATURES:	PTFE ROPES	FLANGE VISION / WARNING STRIP	FLANGE VISION / WARNING STRIP
CONNECTION:	PTFE ROPES / HOOK AND LOOP FASTENER	PTFE ROPES / HOOK AND LOOP FASTENER	PTFE ROPES / HOOK AND LOOP FASTENER
WORKING TEMP:	-35°C ~ 230°C	-35°C ~ 230°C	-35°C ~ 230°C
MEDIA:	HIGH CORROSIVES	HIGH CORROSIVES	HIGH CORROSIVES
BODY:	PURE PTFE FIBER - PVC SIGHTGLASS	GALVANIZED STEEL	STAINLESS STEEL
FEATURES:	FLANGE VISION / WARNING STRIP	LONG LIFE SERVICE / DEVIATION PORT	LONG LIFE SERVICE / DEVIATION PORT
CONNECTION:	PTFE ROPES / HOOK AND LOOP FASTENER	PIN	PIN
WORKING TEMP:	-35°C ~ 230°C	-50°C ~ 500°C	-50°C ~ 500°C
MEDIA:	HIGH CORROSIVES, UV RAYS AND WEAR	HIGH PRESSURE AND HIGH TEMPERATURE	HIGH PRESSURE AND HIGH TEMPERATURE

Our flange covers purpose is to contain any potential leaks that may occur at the flange connection point. This helps to prevent hazardous substances from escaping into the environment, reducing the risk of accidents, injuries, and environmental contamination. Flange guards also provide a barrier against spray-outs or mist formation, which can be harmful to personnel working in the vicinity of the piping system. You may see above, a list of our available materials which are the most commonly used in every industry.



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WHEREVER YOU ARE
KTN CAN HELP YOU,
CHECK OUT
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