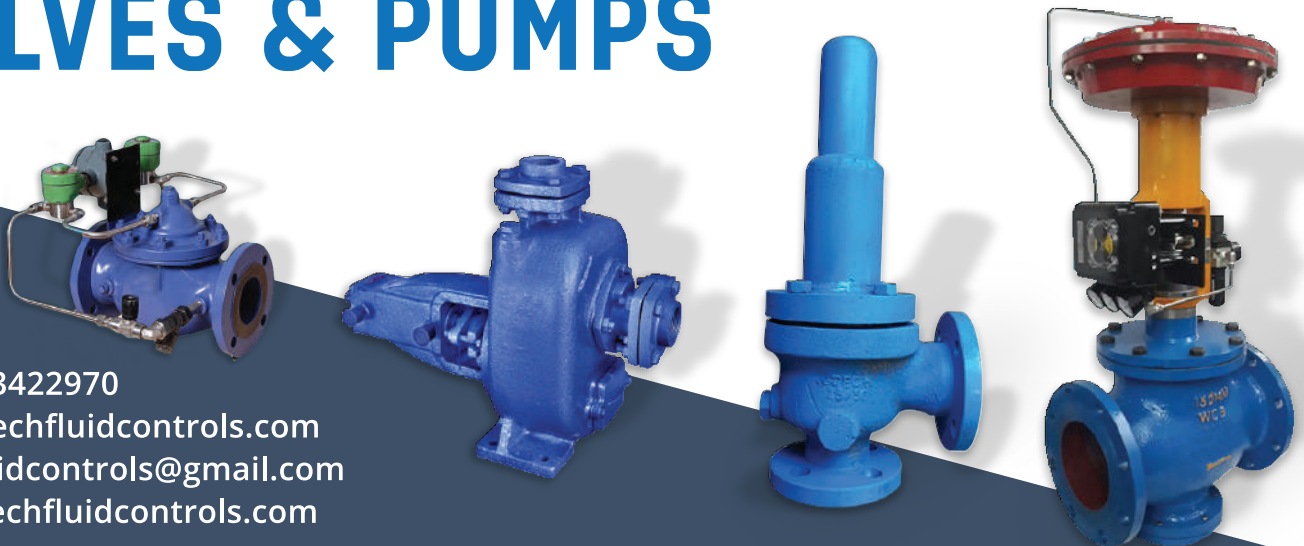


AN ISO 9001:2015 CERTIFIED COMPANY

EXCELLENCE IN QUALITY VALVES & PUMPS



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ABOUT US

K-TECH FLUID CONTROLS is a leading manufacturer of all types of industrial valves and industrial pumps. It offers comprehensive valves and pumps solutions that meet specific requirements of clients. **K-TECH FLUID CONTROLS** offering innovative and effective products. The company has a state-of-the-art manufacturing facility that is equipped with sophisticated machinery in order to produce the best Products. The company is led by a team of entrepreneurs, who have a rich experience in the industry. They keep a tab on the latest trends in the industry whilst employing the latest practices in terms of technology and management.

K-TECH FLUID CONTROLS for a wide and comprehensive range for Various types of Industrial, Instrumentation Valves and Industrial pumps who have been serving to clients in several countries world-wide. We are a long established company producing wide range of manual, automatic, pneumatic, electrical actuated, industrial valves, instrumentation valves, and industrial pumps which are precision designed to provide best solutions to industries like Oil and Gas, Refineries, Chemicals & Process Industries, Petrochemicals & Fertilizer Plants, Pharmaceuticals, Thermal Power Stations & Nuclear Plants, Textiles, Sugar Breweries & Distilleries, Sewage & Water Treatment, Ship Yards & Marine Management and others.

We also are dedicated to making our products and manufacturing process environmental friendly. We are an ISO 9001:2015 Certified Company who believes in having advanced engineering capabilities and innovation driven focus to continuously expand our offering of Best Quality Industrial, Instrumentation Valves and Industrial Pumps.

IT IS **OUR VISION** TO ACHIEVE GLOBAL DOMINANCE IN THE MARKET BY FOLLOWING A STRICT QUALITATIVE APPROACH AND IMPLEMENTING THE BEST BUSINESS PRACTICE TO ACHIEVE ALL OUR DESIRED GOALS.

OUR MISSION IS TO CONSTANTLY INNOVATE PRODUCTS AND SERVICES THAT BEST SATISFY OUR CLIENTS; TO BE SYNONYMOUS WITH WORLD-CLASS QUALITY AND BEST BUSINESS PRACTICES IN THE MARKET; TO REGULARLY UPGRADE METHODS AND SERVICES AS PER GLOBAL REQUIREMENTS.

AUTOMATION VALVES & SOLUTIONS



PRESSURE REDUCING VALVE

K-TECH Self – actuating, internally Pilot & Piston operated, Globe type, Full lift, Spring & Diaphragm actuated, Pressure reducing / regulating valve, also known as Down Stream Pressure Control Valve.

Size: ½" – 8" (15NB - 200NB)

Rating: BS10 Table H, Class 150 & 300

End Connection: Screwed (BSP/BSPT/NPT) OR Flanged End

Material: Carbon Steel, Alloy Steel & Stainless Steel

Fluid Supported: Steam



PILOT OPERATED PRESSURE REDUCING VALVE

K-TECH Pilot operated for control of gas & air pressure. In single stage, pressure reduction can be achieved very precisely up to 1/10th of the inlet pressure. Pilot operated Regulator gives very precise downstream pressure and very low fluctuation. They are extensively used as active and monitor control in series for Natural Gas Pressure Reducing System. Valve has very high flow Capacity and very precise regulation with the help of Pilot.

Size: 50NB - 200NB

Rating: Class 150 & 300

Material: Carbon Steel & Stainless Steel

Fluid Supported: Nitrogen & Gas



GAS PRESSURE REGULATOR

K-TECH Gas Pressure Regulators are Self-Actuated - Spring & Diaphragm operated for precise control of Gas pressure for maximum combustion efficiency in commercial gas installation. The Regulators maintain the outlet pressure steadily irrespective of varying inlet pressure in the pipeline.

Size: ½" - 6" (15NB - 150NB)

Rating: Class 150 & 300

Maximum Inlet Pressure: 20 kg/cm²

Minimum Outlet Pressure: 50 mm WC

Material: Carbon Steel & Stainless Steel

Fluid Supported: Nitrogen & Gas



SAFETY & THERMAL RELIEF VALVE

K-TECH Safety & Thermal Relief valves are designed and manufactured in compliance with API/ASME Section VIII – Division I for small and medium capacity application for use on vapor, gas and liquid for over pressure protection.

Size: 15 X 25, 20 X 25, 25 X 25, 25 X 40, 40 X 50, 50 X 50

Rating: Screwed, Flanged, S.W

Material: Cast Steel, Alloy Steel and Stainless Steel

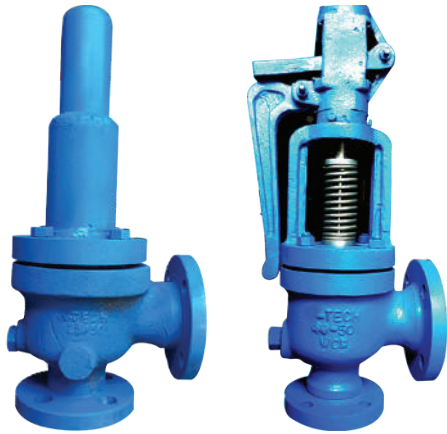
Design: API AND ASME

Accessories: Lever, Soft seating, Test Gag etc.

Pressure Range: 1.5 Bar to 140 Bar

Temperature Range: (-40 Deg D To +300 Deg C)

Fluid Supported: Liquid, Gas & Steam



SAFETY PRESSURE RELIEF VALVE

K-TECH - SAFETY/PRESSURE RELIEF VALVES are designed and manufactured in compliance with API 520 Type / ASME Section VIM - Division I for High performance application for use on vapor, gas and liquid for over pressure protection. These conventional Safety / Pressure Relief Valves are versatile, safe & interchangeable.

Size: 25 x 50 NB to 250 x 350 NB

Rating: 150 # to 2500 #

Material: Cast Steel, Alloy Steel and Stainless Steel

End Connection: Flanged End

Design: API, ASME

Accessories: Lever, soft seat, Test Gag, Bellows etc.

Pressure Range: 0.7 to 90 Kg/cm²

Temperature Range: (-40 Deg D To +538 Deg C)

Fluid Supported: Liquid, Gas & Steam



PNEUMATIC CONTROL VALVE

K-TECH Globe type Control valves are available for any control application. Built to take the punishment imparted by many processes, including extreme pressure drops, the valve is backed by the most respected name in the valve industry.

Size: 1" – 16" 25NB - 400NB

Rating: 150, 300, 600, 900 & 1500 Class

Material: Cast Steel, Stainless Steel, Alloy Steel, Hast Alloy, etc.

End Connection: Flanged, Butt-weld & Socket-weld

ACCESSORIES (OPTIONAL)

- Positioner (Pneumatic, Electro Pneumatic & Smart)
- Pressure Transmitter
- I/P Converter
- Solenoid Valve
- Limit Switches
- Air Filter Regulator
- Manual Hand Wheel
- All models available with Direct and Reverse Acting Actuators



INDUSTRIAL VALVES & SOLUTIONS



BALL VALVE

Size: 1/2" to 20"

Type: Two Way, Three Way, Four Way Ball Valves

Design: 1Pc, 2Pc & 3Pc / Fire Safe, Jacketed, Multiport Design / PTFE (PFA/FEP) Lined

End Connection: Screwed End (BSP/BSPT/NPT) Socket Weld / Flanged End, Butt Weld End

Pressure Rating ASA: 150#, 300#, 600#, 900#, 1500#

Operation Available: Manual, Gear Operated, Electro Pneumatic, Electric Actuated, Cylinder, etc.

Port: Full Port & Regular Port

MOC: Cast Iron / Cast Steel / Forged Steel / SS 304 / 316, SS 304L / 316 L, PTFE / POLYPROPYLENE Lined.



GATE VALVE

Type: O S & Y Type, Rising Spindle, Bolted Bonnet

End Connection: Screwed End (BSP/BSPT/NPT) Socket Weld / Flanged End, Butt Weld End

Pressure Rating ASA: 150#, 300#, 600#, 900#, 1500#

Operation Available: Manual, Gear Operated, Electrically, Cylinder Operated

MOC: Cast Iron, / Cast Steel / SS 304 / 316, SS 304L / 316L



GLOBE VALVE

Size: 1/2" TO 20"

Type: O S & Y TYPE Rising Spindle, BOLTED BONNET

End Connection: Screwed End (BSP/BSPT/NPT) Socket Weld / Flanged End, Butt Weld End

Pressure Rating ASA: 150#, 300#, 600#, 900#, 1500#

Operation Available: Manual, Gear Operated, Electrically, Cylinder Operated

MOC: Cast Iron / Cast Steel / FCS / SS 304 / 316, 304L / 316L



BUTTERFLY VALVE

Size: 1" TO 20"

Type: Wafer Type, Lug Type, Double Flanged, Damper Type

End Connection: Wafer Type, Lug Type, Flanged End

Pressure Rating ASA: 150#, 300#, 600 #, 900#

Operation Available: Manual, Gear Operated, Electro Pneumatic, Electric Actuated, Cylinder, spring and Diaphragm Actuator, etc.

Seat: Rubber Lined / Neoprene / Nitrile / Viton / Silicon / PTFE / EPDM

MOC: Cast Iron / Cast Steel / SS 304 / 316, SS 304L / 316L.



CHECK VALVE

Size: ½" TO 20"

Type: Lift Check Type, Swing Check Type, Wafer Check Type, Dual Check Type, Non Slam Disc Check

Pressure Rating ASA: 50#, 300#, 600#, 900#, 1500#

End Connection: Screwed End (BSP/BSPT/NPT) Socket Weld / Flanged End, Butt Weld End

MOC: Cast Iron / Cast Steel / FCS / SS 304 / 316, 304L / 316L.

Operation Available: Manual, Gear Operated, Electrically Operated



KNIFE EDGE GATE VALVE

Size: 1" TO 20"

Type: Uni-directional / Bi-directional

Port: Round Port, "V" Notch, Square Port.

End Connection: Wafer Type, Lug Type, Flanged End

Pressure Rating ASA: 150#, 300#, 600#, 900#

Operation Available: Manual, Cylinder Operated, Electrical Actuator, Pneumatic Actuator with Manual Override.

MOC: Cast Iron / Cast Steel / SS 304 / 316 / 304L / 316L..



STRAINER

Size: ½" TO 20"

Types: Y-TYPE, T-TYPE, POT TYPE, CONICAL TYPE

MOC: C.I. / C.S. / SS 304 / SS 316

Rating: 150#, 300#, 600#

End Connections: Flanged End, Screw End, Butt Weld, Socket Weld



PISTON VALVE

Size: ½" – 8"

End Connection: Screw End, Socket Weld, Butt Weld, Flanged End

Rating: 150#, 300#

MOC: Cast Iron, Cast Steel, SS 304, SS316

INDUSTRIAL PUMP & SOLUTIONS



TYPE - KTC SERIES

Horizontal Centrifugal End Suction Pump

Capacity: Up to 1500 M³/hr

Head: Up to 150 mtr

Discharge Size: Dn 32 to 300 mm

Temperature: Up to 350°C

Speed: Up to 3500 rpm

Pressure: Up to 15 Kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304 L, Duplex Stainless Steel, Super Duplex Stainless Steel, Cast Bronze, Cast Steel, Cast Iron, Hast Alloy - B & C, Alloy-20, etc.



TYPE - KTS SERIES

Horizontal Centrifugal End Suction, Open/Semi Open Impeller Non-Clog Pulp and Paper Stock Pump

Capacity: Up to 650 M³/hr

Head: Up to 56 mtr

Discharge Size: Dn 32 to 200 mm

Temperature: Up to 140°C

Speed: Up to 3500 rpm

Pressure: Up to 5.6 kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304L, Duplex Stainless Steel, Super Duplex Stainless Steel, Cast Bronze, Cast Steel, Cast Iron, Hast Alloy - B & C, Alloy-20, etc.



TYPE - KTP SERIES

Horizontal Centrifugal end Suction Pumps With Semi Open Impeller

Capacity: Up to 42 M³/hr

Head: Up to 46 mtr

Discharge Size: Dn 25 to 50 mm

Temperature: Up to 140°C

Speed: Up to 3500 rpm

Pressure: Up to 4.6 kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304L, Duplex Stainless Steel, Super Duplex Stainless Steel, Cast Bronze, Cast Steel, Cast Iron, Hast Alloy - B & C, Alloy-20, etc.



TYPE - KTFP SERIES

Horizontal Single Stage Side Suction Pumps In Filter Press Application.

Capacity: Up to 200 M³/hr

Head: Up to 100 mtr

Discharge Size: Dn 40 to 100 mm

Temperature: Up to 140°C

Speed: Up to 3500 rpm

Pressure: Up to 10 kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304L, Duplex Stainless Steel, Super Duplex Stainless Steel, Cast Bronze, Cast Steel, Cast Iron, Hast Alloy - B & C, Alloy-20, etc.



TYPE - KTLSP SERIES

Vertical Long Shaft Sump Pump

Capacity: Up to 300 M³/hr
Head: Up to 35 mtr
Discharge Size: Dn 25 to 125 mm
Temperature: Up to 50°C
Speed: Up to 2900 rpm
Pressure: Up to 3.5 kg/cm²
Pump Length: Up to 3 mtr
Materials: SS-316, SS-316 L, SS-304, SS-304L, Duplex Stainless Steel, Super Duplex Stainless Steel, Cast Bronze, Cast Steel, Cast Iron, Hast Alloy - B & C, Alloy-20, etc.



TYPE - KTPP SERIES

Polypropylene Corrosion Resistant Centrifugal Pump

Capacity: Up to 295 M³/hr
Head: Up to 60 mtr
Discharge Size: Dn 25 to 100 mm
Temperature: Up to 70°C
Speed: Up to 3500 rpm
Pressure: Up to 6 /cm²
Materials: PP, PPCP, UHMWPE



TYPE - KTHPP SERIES

High Pressure Multistage Pump

Capacity: Up to 75 M³/hr
Head: Up to 280 mtr
Discharge Size: Dn 32 to 65 mm
Temperature: Up to 140°C
Speed: Up to 3500 rpm
Pressure: Up to 28 kg/cm
Materials: SS-316, SS-316 L, SS-304, SS-304L, Cast Bronze, Cast Steel, Cast Iron, etc.



TYPE - KTV SERIES

Polypropylene Corrosion Resistant Vertical Seal / Gland Less Pump

Capacity: Up to 55 M³/hr
Head: Up to 45 mtr
Discharge Size: Dn 25 to 50 mm
Temperature: Up to 70°C
Speed: Up to 3500 rpm
Pressure: Up to 4.5 kg/cm²
Materials: PP, PPCP, UHMWPE



TYPE - KTSP SERIES

Self-Priming Bare Shaft Non-Clog Pump
(Gland Type / Mechanical Seal Type)

Capacity: Up to 650 M³/hr

Head: Up to 50 mtr

Discharge Size: Dn 40 to 200 mm

Temperature: Up to 80°C

Speed: Up to 3500 rpm

Pressure: Up to 5 kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304L, Duplex Stainless Steel, Super Duplex Stainless Steel, Cast Bronze, Cast Steel, Cast Iron, Hast Alloy - B & C, Alloy - 20, etc.



TYPE - KTMSP SERIES

Self Priming Bare Shaft Non-Clog Pumps
(Mechanical Seal Type)

Capacity: Up to 75 M³/hr

Head: Up to 48 mtr

Discharge Size: Dn 32 to 280 mm

Temperature: Up to 90°C

Speed: Up to 3500 rpm

Pressure: Up to 4.8 kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304L, Duplex Stainless Steel, Super Duplex Stainless Steel, Cast Bronze, Cast Steel, Cast Iron, Hast Alloy - B & C, Alloy - 20, etc.



TYPE - KTCP SERIES

Progressive Cavity Screw Pumps

Capacity: Up to 145 M³/hr

Head: Up to 250 mtr

Discharge Size: Dn 25 to 150 mm

Temperature: Up to 120°C

Speed: Up to 600 rpm

Pressure: Up to 25 kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304L, Duplex Stainless Steel, Super Duplex Stainless Steel, Cast Bronze, Cast Steel, Cast Iron, Hast Alloy-B & C, Alloy-20, etc.



TYPE - KTRP SERIES

Multi-Purpose Rotary Gear Pump

Capacity: Up to 195 M³/hr

Head: Up to 100 mtr

Discharge Size: Dn 12 to 200 mm

Temperature: Up to 200°C

Speed: Up to 1500 rpm

Pressure: Up to 10 kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304L, Duplex Stainless Steel, Super Duplex Stainless Steel, Cast Bronze, Cast Steel, Cast Iron, Hast Alloy-B & C, Alloy-20, etc.



TYPE - KDPP SERIES

Plunger Type Dosing Pumps

Capacity: Minimum- 0-0.7 LPH,
Maximum- 0-10,000 LPH

Pressure: Up to 400 kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304L,
Duplex Stainless Steel, Super Duplex Stainless Steel,
Hast Alloy-B & C, Alloy-20 etc.



TYPE - KDDP SERIES

Hydraulically Actuated Diaphragm Type Dosing Pumps

Capacity: Up to 7000 LPH

Pressure: Up to 100 kg/cm²

Materials: SS-316, SS-316 L, SS-304, SS-304L, Duplex
Stainless Steel, Super Duplex Stainless Steel, Super
Duplex Stainless Steel, Hast Alloy-B & C, Alloy-20 etc...,
PP, PVC, PTFE, GFT, Diaphragm – PTFE only

TYPE - KSSP SERIES

Submersible Sewage and Effluent Pump

Capacity: Up to 450 M³/hr

Head: Up to 45 mtr

Temperature: Up to 45°C

HP: 0.75 to 50 (1 to 3 HP In Single Phase)

RMP: Up to 2880

Delivery Size: 32 mm to 200 mm

Solid Size: 100 mm

Connection: Dol, Star Delta, ATS

Voltage and Phase: 415v, 3Phase / 215v, 1 Phase upto 3HP

Insulation/protection: 'F' Class / IP 68

Motor: Two Pole Continues Duty Dry Type Squirrel Cage Induction Motor

Cable: PVC Insulated Double Heated Copper Conductor Flexible Cable

Mechanical Seal: Bi-directional Twin Mechanical Seal With Various
Face Combination Looking to The Application.

MOC: C. I., C. S.

Optional Parts: Impeller, Casing, Wear plate with Various M.O.C. Bronze,
CF8, CF8M, CD4MCU etc.



OUR OTHER PRODUCTS



**FEP-PFA LINED
BALL VALVE**



**FEP-PFA LINED
BUTTERFLY VALVE**



**JACKETED
SIGHT GLASS**



**FEP-PFA LINED
DIAPHRAGM VALVE**



**JACKETED
BALL VALVE**



**PINCH
VALVE**



**PILOT
OPERATED
SAFETY
RELIEF VALVE**



**AUTOMATIC
CONTROL VALVE**



PLUG VALVE



FLUSH BOTTOM VALVE

APPLICATION INSTALLATION LIST

JAS-ANZ



CHEMICAL:

- Sulphuric Acid
- Sodium Hydroxide
- Hydrochloric Acid
- Acetic Acid
- Ammonium Chloride
- Brine
- Chlorosulphuric Acid
- Ethanol
- Phosphoric Acid
- Oleum
- Nitric Acid
- Maleic Acid
- Citric Acid
- Sodium Chloride
- Vinyl Acetate

PETROCHEMICAL:

- Butadiene
- Benzene
- Toluene
- Ammonia
- Methanol
- Vinyl Chloride
- Ethylene Glycol
- Maleic Anhydride
- Acrylonitrile
- Urea
- Formaldehyde
- Phenol
- Styrene
- Ethylene Oxide
- Xylene

PULP & PAPER:

- Pulp Stock
- Shower Water
- White Water
- Chlorine Dioxide
- Sodium Hypochlorite
- Fresh Liquor
- Black Liquor
- Green Liquor
- Drgs Washer
- White Liquor

BREWING:

- Sprague Water
- Chilled Water
- Beer
- Reclaim Water
- Blow Black Beer
- Spent Grain Liquor
- Alcohol Transfer
- Yeast Brink
- Sulphuric Acid
- Caustic

PRIMARY METAL:

- Copper Cyanide
- Sodium Cyanide
- Chromic Acid
- Sodium Sulphate
- Ferric Chloride
- Ferrous Sulphate
- Copper Sulphate
- Ammonium Sulphate
- Silver Cyanide

GENERAL:

- Condensate
- Demonized Water
- Shower Water
- Hot Oil
- Wine
- Sugar Cane Juice
- River Water
- Pond Water
- Cooling Tower Water



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