

- Safety
- Reliability
- Accuracy

# Control Valve Product Range

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## CONTROL VALVE SOLUTION



**Valution**  
Valve + Solution

We have found and solved the various problems of many valves on site of customers, visiting there directly.



# 01

## Product Ranges



**TA Series :** Tank Angle Valves

**GL Series :** Globe Valves

**EB Series :** Eccentric Ball Valves

**VB Series :** Segment V-Ball Valves

**FB Series :** Floating Ball Valves

**TB Series :** Trunnion Ball Valve

**DV Series :** Eccentric Butterfly Valves

**AV Series :** Automatic Re-circulation Check Valves (Pump Protection Valves)

**TV Series :** Triple Offset Butterfly Valves

**LD Series :** Lined Diaphragm Valves

**DH Series :** Desuperheaters

**PD Series :** Steam Let Down Valves

**GV Series :** Guide Vane Actuators

**Actuators :** Pneumatic Diaphragm & Cylinder Actuators

**Self Acting Regulators :** Pressure Regulating Valves

# 02

## Product Introduction



### **TA Series : Tank Angle Valves**

- Tank Mounted & Ram seal (45°) type Plug & Seat Inserted (45° or 90°) type
- Sizes 1" to 16", Pr. Ratings 150# to 1500#
- Body materials A351 CF3/8(M), Titanium, Other Alloy
- Trim materials suitable for liquids containing corrosive slurry or solids
- TSO achievement with a metal seat construction
- On-off or Control fulfillment



### **GL Series : Globe Control Valves**

- Body style : Single & Double Seated, 3-Way, Angle
- Sizes 1" to 16", Pr. Ratings 150# to 4500#
- Trim style : Contoured, Cage-balanced, Multi-holes, Disk stacks
- Body materials : WCB, WC6, WC9 & CF3/8(M), Other Alloy
- Trim materials suitable for liquids containing corrosive slurry or solids
- Flow Characteristics : EQ-%, Linear, Modified-% & Customized available
- HART, Smart E/P Control fulfillment





## **EB Series : Eccentric Ball Control Valves** **VB Series : Segment V-Ball Control Valves**

- Excellent friction resistance reduction effect by eccentric axis for EB
- Modified EQ-% flow characteristics implementation by V-shaped ball for VB
- Wide rangeability and high flow capacity
- Size 1" to 20", Pr. ratings 150# to 600#
- Body materials CS, SS, Ni-Alloy, Titanium
- Simple flow path and lightweights, less torque
- Good control performance at a valve small opening degree

## **DV Series : Eccentric Butterfly Valves** **TV Series : Triple Offset Butterfly Valves**

- Ideal control valve for low pressure mass flow
- Size 1" to 20" Pr. Ratings 150# to 600#(DV) and 900#(TV)
- Wafer, Lug, Double Flange connections
- Lightweight body makes budget-friendly
- Simple and affordable design for easy maintenance



## **AV Series : Automatic Re-circulation** **Check Valves (Pump Protection Valves)**



- Protect a centrifugal pump from low flow overheating
- Size 1" to 14", Pr. rating 150# to 2500#
- Body materials CS, SS, Ni-Alloy, Titanium
- Multiple pressure letdown, cavitation prevention
- Reverse flow prevention
- Low flow detection
- Re-circulation flow pressure control



## GV Series : Guide Vane Actuators

- Turbo compressors flow control inlet guide vane
- Easy calibration with groundbreaking full scale direct detection
- Adjust the control turndown ratio for better accuracy
- Special control instruments and indicator
- Easy calibration and maintenance
- Improve the accuracy of air flowrate and high efficiency of the compressor

## PD Series : Steam Let Down Valves (PRDS)

- Combined pressure and temperature reduction in one compact design
- Single seat angle style valve
- Body material : High quality casted body, High temperature-resistant forged alloy body
- Bolt bonnet or pressure seal bonnet
- Quick change seat for easy maintenance
- Robust guiding for less wear
- Multi nozzle desuperheater design
- Variant actuations : Pneumatic, Electric, Hydraulic



## LD Series : Lined Diaphragm Valves

- Compact design : Diaphragm valve with pneumatic actuator
- Body material : Cast Iron, Ductile Iron, Carbon Steel or Stainless Steel with Rubber, Poly-Propylene, PTFE, PFA Lined
- Sizes : 1" to 10"
- Pr. Ratings 150# to 300#
- Temperature : -15 to 93°C
- Options : Handwheel, Position Indicator, Limit Stopper, Positioner, Solenoid Valve, Limit Switch, Air Filter Regulator



## **Custom engineered valves : 3-way diverting angle valve for air dryer application**

- Tailor-made 3-way diverting valve with a solenoid valve for air chamber
- Maintain the existing pipe lines to minimize the asset management
- One inlet port, two outlet ports and one purge port
- Repairable in place



## **Bellows sealed globe control valves for poly silicon applications**

- Extension bellows sealed bonnet for anti-emission
- Quick change seat and zero seat leakage
- Special buffing for body inner wall
- Tungsten carbide coating trims
- Various fluid applicable : Silicon Tetrachloride, Trichlorosilan, H<sub>2</sub> etc.



## **Custom Engineered on/off & control ball valves**

- Fit to existing face to face dimension by customized end
- Custom fit with specific actuator, E/P Positioner, solenoid valve etc.
- Suitability for control and on-off function
- Demanded fluid applicable : PTA, Powder, Slurry etc.



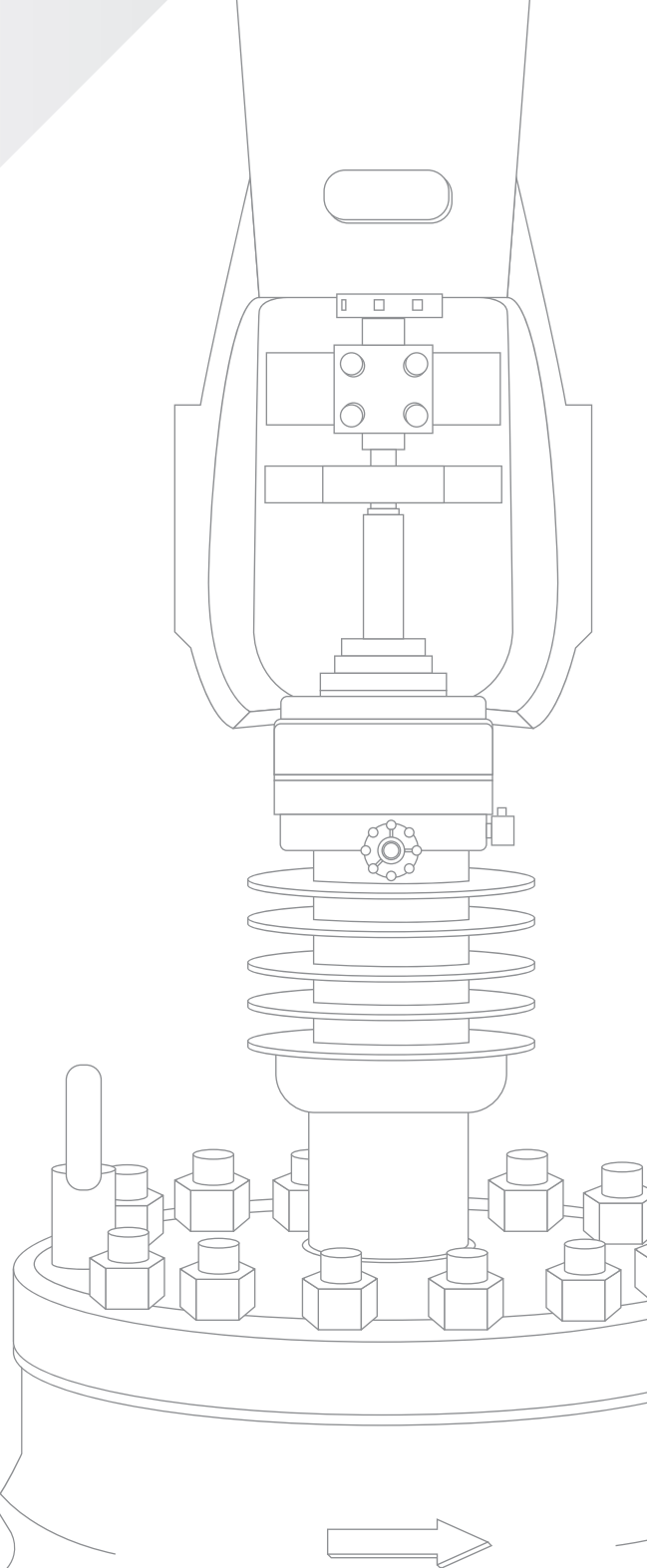
# 03

## After Market Introduction

### WE DELIVER THE SOLUTIONS FOR

- Abundant technical experts provide the best optimal solution
- Excellent quality guaranteed tailor made valve provider
- Leading technology and services provider for end-to-end process control
- Leading aftermarket provider with offerings for oil & gas, power and process industries





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