



ZHENGZHOU PUMP VALVE

Your Valve Supplier since 1995

Company Overview



www.zzcontrols.com



OVER 20 YEARS OF INNOVATION

Welcome to **Zhengzhou Pump Valve MFG Co.**, we are one of the leading manufacturing companies and solution provider in industrial valves for fluid control in power plants, dams ,oil & gas, metallurgy, petrochemical,water treatment industries etc.

"Over the last 50 years, a lot has changed, but one thing hasn't: Our expectations."

With strong technical force , we honored national high-tech enterprises, the State Torch Program, the National Innovation Fund project units .What's more, we are drafting the national standard of steam turbine with a quick-closing valve and hydraulic control valve of inlet turbine. So far, our R&D center with more than 20 national patents and software copyright licenses.

For more than 20 years, Zhengzhou has focused on helping our customers to become better, more efficient processors. Our current family of advanced technologies are all designed specifically to improve throughput, increase quality, reduce scrap and streamline processing.

For decades, based on our extensive know-how and continuous innovation of products and solutions, we are driven to fulfill this commitment to all our current and future customers.





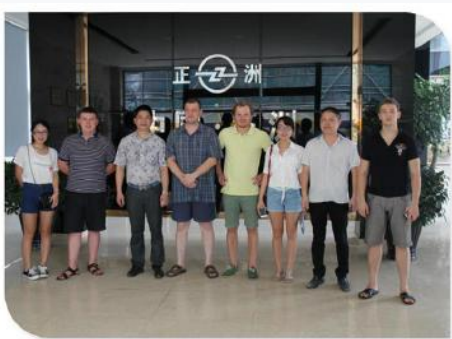
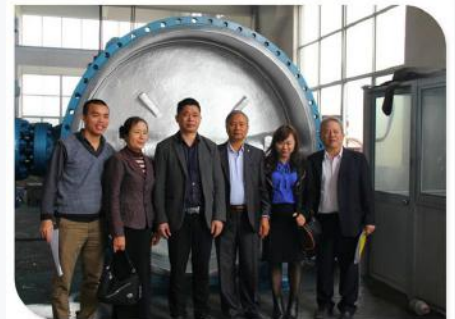
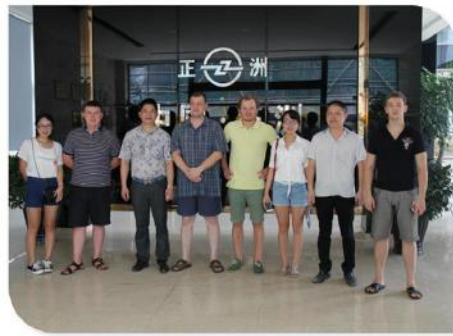
Certificate is the Base of Quality



CUSTOMER VISITING

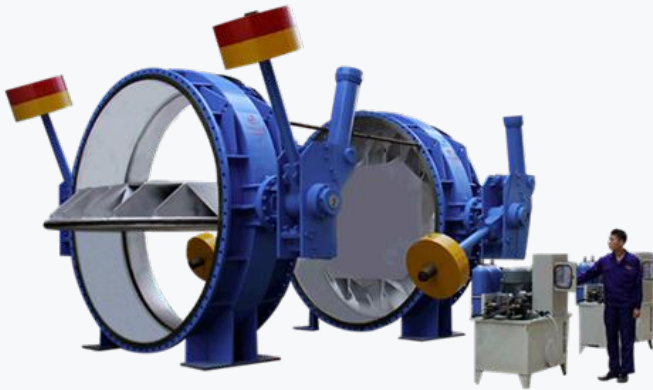


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Counterweight Type Butterfly Valve



Size: DN200~ DN4000

Pressure: PN6 / PN10 / PN16 / PN25 / PN40

Medium: fresh water, sea water, sand water, oil etc.

Body Structure: three eccentric metal sealing or double eccentric rubber sealing

Materials:

Body: Carbon Steel /Grey Cast Iron/Ductile Iron

Disc: Carbon Steel /Grey Cast Iron/Ductile Iron

Seat: EPDM / SS

Electric Plunger Valve



Rated Pressure (MPa) 0.25MPa, 0.6MPa, 1.0MPa, 1.6MPa

Nominal diameter:DN200~2000

Suitable medium: natural river/lake water and mild sewage.

Plunger type Valves are employed when special requirements such as pressure heads and flow rates need to be varied as part of a controlled operation.

Hydro Power Ball Valve(Spherical Valve)



Nominal diameter : DN300 ~ DN3500
Nominal pressure : PN2.5 ~ PN160
Suitable medium : water, sea water , sediment water, oil , etc.
Medium temperature : ≤ 80
Valve open time : 10 to 240 seconds (adjustable)
Quick closing time: 3 to 60 seconds (adjustable)
Slow closing time: 6 to 90 seconds (adjustable)
Fast off angle : $70^{\circ} \pm 10^{\circ}$
Slow off angle : $20^{\circ} \pm 10^{\circ}$
Full state minimum flow resistance coefficient : 0
Optional control power supply : AC220V, DC220V, DC110V, DC24V

Hydraulic Butterfly Valve System Unit



including

- main butterfly valve
- hydraulic power station
- expansion coupling
- two ends connection pipeline
- bypass system
- air valve
- draining valve



0.3s Spring Type Quick Close Valve



Nominal diameter : DN150 ~ DN2800

Nominal pressure : PN2.5 ~ PN40

Suitable medium : water , steam, gas , oil, etc.

Medium temperature : ≤ 425

Valve open time : 10 to 90 seconds (adjustable)

Normal off valve : 10 to 90 seconds (adjustable)

Quick closing valve : 0.3 to 0.8 seconds

Full state minimum flow resistance coefficient : 0.1

Power supply : AC380V

Optional control power supply : AC220V, DC220V,
DC110V, DC24V

0.3s Quick Close Valve



Nominal diameter : DN150 ~ DN2000

Nominal pressure : PN2.5 ~ PN40

Suitable medium : water , steam, gas , oil, etc.

Medium temperature : ≤ 400

Valve open time : 10 to 90 seconds (adjustable)

Normal off valve : 10 to 90 seconds (adjustable)

Quick closing valve : 0.3 to 0.8 seconds

Full state minimum flow resistance coefficient : 0.1

Power supply : AC380V

Optional control power supply : AC220V, DC220V,



Hydraulic Eccentric Hemisphere Ball Valve



Nominal diameter : DN150 ~ DN1500
Nominal pressure : PN2.5 ~ PN64
Suitable medium : water, sea water , sediment water, oil , etc.
Medium temperature : ≤ 80
Valve open time : 10 to 120 seconds (adjustable)
Quick closing time: 1.5 to 30 seconds (adjustable)
Slow closing time: 6 to 120 seconds (adjustable)
Fast off angle : $70^{\circ} \pm 10^{\circ}$
Slow off angle : $20^{\circ} \pm 10^{\circ}$
Full state minimum flow resistance coefficient : 0.1
Optional control power supply : AC220V, DC220V, DC110V, DC24V



Pneumatic(Hydraulic) Check Valve

Nominal diameter : DN150 ~ DN1800
Nominal pressure : PN2.5 ~ PN40
Suitable medium : water , steam, gas , oil, etc.
Medium temperature : ≤ 425
Quick off valve : 0.3 to 0.8 seconds
Full state minimum flow resistance coefficient : 0.1
Optional control power supply : AC220V, DC220V, DC110V, DC24V
Remote fault interlock fast off
Remote signal types : passive switch signal



Bypass Valve

Hydraulic needle valve is mainly used for the inlet valve of the bypass pipe Hydropower Station. By the governor as a working oil source , control valve opening and closing .



Stem Extension Butterfly Valve

Stem extensions are valve handle extensions, designed for valves located areas are inaccessible or buried.They provide a direct connection between the actual valve stem and the relocated valve handle.

Carbon steel, 304SS or 316SS single piece stem



Vaccum Break Valve

Mainly used for container, pipe , duct or vessel when the system is running or stopped due to a negative pressure or vacuum gradually increased . The valve can automatically open , breaking the vacuum effect to avoid piping and other equipment produce flat , concave split etc. protecting the equipment.



Dismantling Joint

Nominal pressure: PN10/ PN16

Nominal diameter: DN50~2000

Body: Ductile iron (Ductile Iron GGG50, GJS500-7, GGG40)

Ring: Ductile iron



Electric Control Cabinet

The electrical control panels are designed and manufactured to suit a client's required specifications

Components are sourcing certificated supplier: Schneider, Omron, Simens...



Hydraulic Transmission Part (Actuator)

Hydraulic spare part



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Our Senior Engineers are available around the world for site visits to provide technical assistance and training services to our customers.

