
PRODUCT CATALOG



IoT Compact Electric Actuator



Rated Power: 10W

Output Torque: 20Nm,50Nm

Feature

- **Enhanced Sealing:** One-piece injection molding integrates buttons, lenses, and the upper case to boost sealing.
- **Efficient Heat Dissipation:** The aluminum alloy lower case ensures efficient heat release and guarantees stable long-term operation.
- **Powerful Performance:** A high-performance motor, combined with PWM stepless speed regulation, delivers strong torque.

Control Precision: 0.5%

Rated Voltage: AC220V/DC24V



IoT Short-Pattern Flanged Ball Valve

-20°C~+350°C / DN15~DN40 / 10Mpa, 16Mpa

Material

WCB,SS304/316

Applicable

Water,Petroleum,Nitric acid,Acetic acid, Viscous fluids

Feature

It possesses outstanding corrosion resistance,delivers high cost-effectiveness and is easy to install



IoT Transparent UPVC Electric Ball Valve

-15°C~+60°C / DN15~DN40 / 1.0~1.6Mpa

Material

UPVC,CPVC

Applicable

Water,air,oils,corrosive chemical liquids

Feature

The product boasts easy disassembly, excellent corrosion resistance, and light weight.



IoT Electric Threaded Ball Valve

-30°C~+220°C / DN15~DN40 / 1.0~1.6Mpa

Material

WCB,SS304/316

Applicable

Neutral Gases and Liquids

Feature

It possesses outstanding corrosion resistance,delivers high cost-effectiveness and is easy to install



IoT Electric Flange Ball Valve

-20°C~+350°C / DN15~DN40 / 1.0~1.6Mpa

Material

A105,SS304/316/316L,WCB,FZG1Cr18Ni9-Ti

ZG1Cr18Ni12Mo2Ti

Applicable

Water, petroleum, nitric acid-based fluids, acetic acid-based fluids, viscous fluids

Feature

Double-sided spherical shape, zero leakage, and PTFE sealing.



IoT Metal-Seated Electric Butterfly Valve

-30°C~+60°C / DN15~DN40 / 0.1~1.6MPa

Material

WCB,SS304/316

Applicable

Water, hot water, cold water, steam, oil products, air, natural gas

Feature

L/T ports for fluid reversing, diverting and converging; bidirectional zero-leakage sealing; compact, lightweight, easy installation and maintenance.



IoT Metal-Seated Electric Butterfly Valve

0°C~120°C / DN15~DN40 / 0.1~1.6MPa

Material

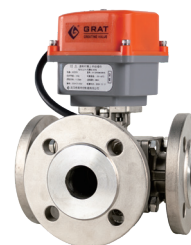
WCB,SS304/316

Applicable

Water, hot water, cold water, steam, oil products, air, natural gas

Feature

Reliable sealing, low flow resistance, stable diversion. Flanged, high-pressure, large-bore ready.



IoT Wafer Electric Butterfly Valve

-20°C~+120°C / DN40~DN65 / 0.1~2.5Mpa

Material

WCB,SS304/316,QT450-10,HT200,HT250

Connection Type

Flange / Wafer Connection

Applicable

Water, oil products, gases, corrosive media

Feature

No pin disengagement, bidirectional sealing, and extended service life of refractory materials.



IoT Electric PTFE-Lined Butterfly Valve

-50°C~+160°C / DN40~DN65 / 1.0~1.6Mpa

Material

WCB,QT450-10,HT200,HT250

Connection Type

Flange / Wafer Connection

Applicable

Sulfuric acid, hydrofluoric acid, phosphoric acid, chlorine gas, strong alkalis, aqua regia

Feature

Perfluorinated anti-corrosion, lip seal extended service life, and PTFE zero leakage.



Quarter-Turn Electric Actuator



Output Torque:50Nm~2500Nm
Rated Voltage:AC110V/AC220V
 AC380V/DC24V
Ambient Temperature:-30°C ~ 60°C
Feature
 Compact size, light weight, accurate valve opening adjustment, and adaptability to complex working conditions.

Multi-turn Electric Actuator



Number of Rotations:0~25 Rotations
Output Torque:50Nm~200Nm
Rated Voltage:AC110V/AC220V
 AC380V/DC24V
Ambient Temperature:-30°C ~ 60°C
Feature
 High torque output for deep valve opening/closing, high-precision stroke control for accurate working conditions, and strong environmental adaptability.

High-Speed Electric Actuator



Actuation Time:1s~6s
Output Torque:50Nm~500Nm
Rated Voltage:AC110V/AC220V
 AC380V/DC24V
Ambient Temperature:-30°C ~ 60°C
Feature
 Equipped with rapid opening and closing capability, it can complete valve opening and closing actions in a short time, enabling quick control of fluids.

Smart Electric Actuator



Functional modules: Optional
Output Torque:50Nm~600Nm
Rated Voltage:AC110V/AC220V
 AC380V/DC24V
Ambient Temperature:-30°C~60°C
 (Temperature-Resistant Type: -50°C ~70°C)
Feature
 Integrating precise automatic control, remote monitoring and diagnosis, fault self-alarm, and low energy consumption.

Small-Flow Electric Control

≤350°C / DN15 / 1.6~6.4Mpa

Material

WCB,SS304/316/316L

Connection Type

Flange / Wafer Connection

Applicable

Fluids,Gases

Feature

It ensures smooth pipeline operation,excellent heat dissipation,and strong sealing performance.



Solar & Wind Powered Smart Control Valve

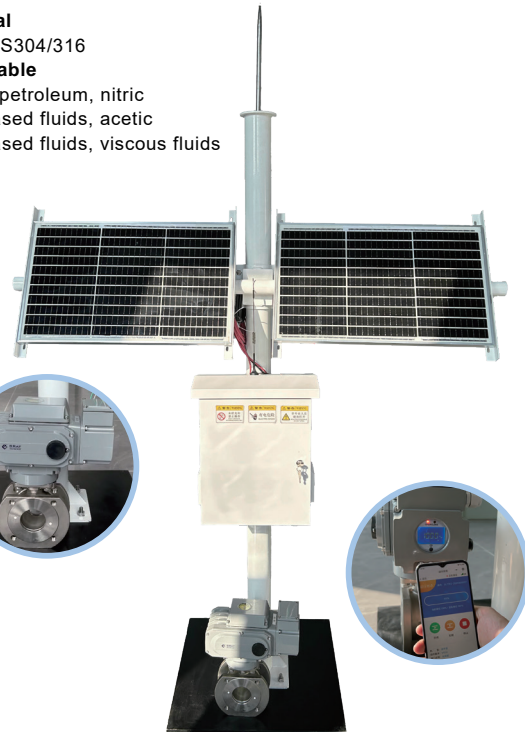
-20°C~+350°C / DN15~DN200 / 1.6~6.4Mpa

Material

WCB,SS304/316

Applicable

Water, petroleum, nitric acid-based fluids, acetic acid-based fluids, viscous fluids



PTFE/PFA-Lined Electric Ball Valve

-15°C~+120°C / DN15~DN100 / 1.0~1.6Mpa

Material

WCB,ZG1CrM0,ZG1Cr18Ni9Ti,SS304/316

Applicable

Acid,Alkali,Salt,Chlorine Gas,Steam,Aqua Regia,Pulp

Feature

Integral casting of ball and valve stem, lip-type elastic sealing, and full-bore floating ball.



Sanitary Five-Way Electric Ball Valve

-30°C~+60°C / DN15 / 1.6~6.4Mpa

Material

WCB,SS304/316/316L

Applicable

Fluids,Gases

Feature

It ensures smooth pipeline operation,excellent heat dissipation,and strong sealing performance.



Feature

- **4G-enabled Remote Monitoring & Control:** It integrates a 4G communication module, allowing users to monitor in real time and control remotely via mobile phone.
- **Dual Power Supply for Off-Grid Use:** It comes with photovoltaic and wind power generation devices, enabling operators to use it in all power-free environments.
- **Long-Lasting Battery Operation:** It is equipped with a large-capacity battery, which supports users to operate it continuously for 2 weeks.

CPVC Electric Flanged Ball Valve

-15°C~+60°C / DN15~DN100 / 0.1~1.6Mpa

Material

PVC, CPVC, UPVC

Connection Type

Flange / Double Union Connection

Applicable

Water, air, oils, corrosive chemical liquids

Feature

Corrosion resistance, easy disassembly, and simple maintenance.



Sanitary Tri-Clamp Electric Ball Valve

-50°C~+160°C / DN10~DN100 / 1.0~1.6Mpa

Material

SS304/316

Applicable

Water, Steam, Oil, and Pharmaceutical Liquids

Feature

Easy installation, convenient cleaning, and hassle-free maintenance.



Electric Vacuum V-Port Ball Valve

-30°C~+150°C / DN25~DN600 / Vacuum

Material

Stainless Steel

Applicable

Gases, Low-Viscosity Fluids

Feature

Strong sealing performance, favorable cost, and convenient operation.



Cryogenic Electric Ball Valve

-196°C~+150°C / DN15~DN100 / 1.6~4.0Mpa

Material

SS304/316L

Applicable

Low-Temperature Liquid / Gaseous State

Feature

Suitable for ultra-low temperature scenarios, fire-resistant, and capable of preventing abnormal pressure rise.



Electric Vacuum Butterfly Valve

-30°C~+150°C / DN25~DN300 / Vacuum

Material

Stainless Steel

Applicable

Gases, Low-Viscosity Fluids

Feature

Strong sealing performance, favorable cost, and convenient operation.



Metal-Seated Electric Butterfly Valve

≤540°C / DN50~DN1200 / 0.6~4Mpa

Material

Carbon Steel, SS304/316/316L, Stainless Steel

Applicable

Water, oil, gas, and various high-temperature or impurity-containing media

Feature

The valve features low opening resistance and achieves zero leakage.



Ventilation Electric Butterfly Valve

0°C~450°C / DN50~DN200 / 0.1~1.6Mpa

Material

A3 Steel, Heat-Resistant Steel, SS304/316

Applicable

Dust-laden flue gas, air, coal gas

Feature

Steel plate welding, large gap to prevent jamming, and no internal connecting rods or bolts.



Electric Flange Butterfly Valve

-30°C~+60°C / DN40~DN800 / 0.1~2.5Mpa

Material

WCB, SS304/316, QT450-10

HT200, HT250

Applicable

Water, oil products, gases, corrosive media

Feature

Zero leakage, strong compatibility, and low maintenance costs.



UPVC Electric Butterfly Valve

-15°C~+60°C / DN80~DN400 / 1.0Mpa

Material

UPVC, CPVC

Applicable

Water, air, oils, corrosive chemical liquids

Feature

The product boasts easy disassembly, excellent corrosion resistance, and light weight.



Wafer Type Electric Butterfly Valve

-30°C~+60°C / DN40~DN800 / 0.1~2.5Mpa

Material

WCB, SS304/316, QT450-10

HT200, HT250

Connection Type

Flange / Wafer Connection

Applicable

Water, oil products, gases, corrosive media

Feature

No pin disengagement, bidirectional sealing, and extended service life of refractory materials.



Explosion-Proof Electric Actuator



Ex db II C T6 Gb
Ex tb IIIC T80°C Db
Output Torque:50Nm~2500Nm
Rated Voltage:AC110V/AC220V/AC380V/DC24V
Feature
 It delivers stable and precise power output, combines safety protection and reliable control performance, and meets the automation needs of high-risk scenarios.



Multi-turn Explosion-Proof Electric Actuator



Ex db II B T4 Gb
Output Torque:50Nm~200Nm
Number of Rotations:0~25 Rotations
Rated Voltage:AC110V/AC220V/AC380V DC24V
Feature
 Capable of outputting high torque for precise valve control, suitable for various high-torque demand valves in high-risk scenarios.

Explosion-proof V-Port Ball Valve

-20°C~+350°C / DN15~DN200 / 1.6~6.4Mpa

Material
 WCB,SS304/316
Applicable
 Water, petroleum, nitric acid-based fluids, acetic acid-based fluids, viscous fluids
Feature
 Zero leakage, minimal material retention, and compact size.



Explosion-Proof Metal-Seated Ball Valve

≤350°C / DN15~DN350 / 1.6~6.4Mpa

Material
 WCB,SS304/316/316L
Connection Type
 Flange / Wafer Connection
Applicable
 Slurry (Mineral Slurry), Coal Slurry, Pulp (Paper Pulp), Water, Oil Products, and Gases
Feature
 It ensures smooth pipeline operation, excellent heat dissipation, and strong sealing performance.



Explosion-proof Flanged Ball Valve

-20°C~+350°C / DN15~DN40 / 1.0~1.6Mpa

Material
 A105,SS304/316/316L,WCB
 FZG1Cr18Ni9Ti,ZG1Cr18Ni12Mo2Ti
Applicable
 Water, petroleum, nitric acid-based fluids, acetic acid-based fluids, viscous fluids
Feature
 Double-sided spherical shape, zero leakage, and PTFE sealing.



PTFE Explosion-proof Butterfly Valve

-50°C~+160°C / DN40~DN65 / 1.0~1.6Mpa

Material
 WCB,QT450-10,HT200,HT250
Connection Type
 Flange / Wafer Connection
Applicable
 Sulfuric acid, hydrofluoric acid, phosphoric acid, chlorine gas, strong alkalis, aqua regia
Feature
 Perfluorinated anti-corrosion, lip seal extended service life, and PTFE zero leakage.



Remote-Controlled Explosion-proof Plug Valve

-29°C~+121°C / DN50, DN80 / 35~105Mpa

Material
 35CrMo
Connection Type
 1502 Union Type Connection
Applicable
 Water, oil, Petroleum



Feature

- **Efficient & Convenient:** 90° rotation for quick opening and closing, simple operation, and improved work efficiency.
- **Excellent Performance:** Straight-through flow channel with low resistance, excellent sealing to prevent leakage, and adaptability to high-pressure environments.
- **Safe & Adaptable:** Explosion-proof design for high-risk scenarios, and corrosion-resistant materials suitable for acidic media.
- **Resistant to Complex Working Conditions:** High-strength materials + special coating, suitable for high-pressure, corrosive, and remote control scenarios.

Pneumatic Ball Valve

-20°C~+350°C / DN15~DN200 / 1.6~6.4Mpa

Material

WCB,SS304/316

Applicable

Water, petroleum, nitric acid-based fluids, acetic acid-based fluids, viscous fluids

Feature

Zero leakage, minimal material retention, and compact size.



Pneumatic Flanged Ball Valve

-20°C~+350°C / DN15~DN40 / 1.0~1.6Mpa

Material

A105,SS304/316/316L,WCB

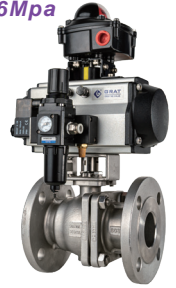
FZG1Cr18Ni9Ti,ZG1Cr18Ni12Mo2Ti

Applicable

Water, petroleum, nitric acid-based fluids, acetic acid-based fluids, viscous fluids

Feature

Double-sided spherical shape, zero leakage, and PTFE sealing.



pneumatic control valve

-30°C~+60°C / DN15 / 1.6~6.4Mpa

Material

WCB,SS304/316/316L

Applicable

Food, lubricating grease, fibrous fluid, water, oil products, gas

Feature

It features light and easy operation, enabling tight shut-off with only a 90-degree pneumatic rotation and a small operating torque, while offering high regulation accuracy and a large turndown ratio up to 300:1.



UPVC Pneumatic Three-Way Ball Valve

-15°C~+60°C / DN15~DN100 / 0.1~1.6Mpa

Material

PVC,CPVC

Connection Type

Flange / Double Union Connection

Applicable

Water,air,oils,corrosive chemical liquids

Feature

Simple and quick disassembly, corrosion resistance, and wide application range.



Pneumatic Three-Way Ball Valve

-30°C~+60°C / DN15~100 / 0.1~6.4Mpa

Material

WCB,SS304/316

Connection Type

Flange / Female Thread Connection

Applicable

Neutral Gases and Liquids

Feature

Multi-path rapid switching, strong adaptability, and long-term maintenance-free operation.



Pneumatic Y-Type Three-Way Ball Valve

-30°C~+250°C / DN50~DN250 / 1.6~4.0Mpa

Material

WCB,SS304/316

Structural Type

Y-Type (120°), Y-Type (135°)

Applicable

Dust,Liquids,Gases

Feature

The flow channel enables 120-degree switching, with a smooth flow path, low resistance, and strong flow capacity.



High-Speed Pneumatic Butterfly Valve

-30°C~+60°C / DN40~DN800 / 0.1~2.5Mpa

Material

WCB,SS304/316,QT450-10

HT200,HT250

Connection Type

Flange / Wafer Connection

Applicable

Water, oil products, gases, corrosive media

Feature

No pin disengagement, bidirectional sealing, and extended service life of refractory materials.



PTFE-Lined Pneumatic Butterfly Valve

-50°C~+160°C / DN40~DN500 / 1.0~1.6Mpa

Material

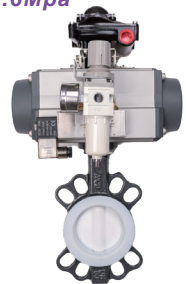
WCB,HT200,HT250,QT450-10

Applicable

Sulfuric Acid, Hydrofluoric Acid, Phosphoric Acid, Chlorine Gas, Strong Alkalis, Aqua Regia, and any other highly corrosive media

Feature

Corrosion resistance, high wear resistance, and zero leakage.



Wafer Type Pneumatic Butterfly Valve

-30°C~+60°C / DN40~DN800 / 0.1~2.5MPa

Material

WCB, SS304/316, QT450-10, HT200, HT250

Connection Type

Flange / Female Thread Connection

Applicable

Water, oil, gas, corrosive media, etc.

Feature

Bi-directional sealing, installation is not restricted by medium flow direction or spatial position, and can be installed in any orientation.



Pneumatic Metal-Seated Butterfly Valve

≤540°C / DN50~DN400 / 0.6~4.0MPa

Material

WCB,SS304/316

Applicable

Water, oil, gas and various high-temperature or impurity-containing media.

Feature

The butterfly plate's convex conical surface fully separates from the seal to prevent solids buildup, ensuring nearly frictionless operation and progressively tighter sealing.



Pneumatic Diaphragm Single-seat Control valve

≤350°C / DN20~DN200 / 1.6\4.0\6.4Mpa

Material

WCB,SS304/316

Connection Type

Flange / Threaded Connection, Welding

Applicable

Water,air,oils,corrosive chemical liquids

Superior Sealing Performance: Adopts high-precision sealing structure design, ensuring no leakage under harsh working conditions such as high pressure and high temperature.

Precise Regulation: Features an optimized built-in flow channel design, enabling stable flow capacity and a wide controllable range.

Stable Operation: Excellent anti-vibration and anti-impact capabilities, with no easy component loosening or performance degradation during long-term continuous operation.



Customized Model



Customized External Design

Precise Dimensional Match: Optimize valve body layout per installation space.

Special Env Adaptation: Custom alloy housings/seals for low-temp, high-temp, high-pressure, strong corrosion.

Integrated Design: One-piece structure reduces pipeline connections (better aesthetics & maintenance).



Customized Mechanical Transmission Parts

Spec Customization: Non-standard gears, drive shafts, etc.

Material Selection: Special materials based on application/working conditions.

Shape Design: Custom-shaped transmission parts for special functions/appearance.



Customized Communication Methods

Protocols: Compatible with mainstream industrial systems; customizable (e.g., Modbus).

Wireless Comm: For remote monitoring; customizable (e.g., 4G).

Signal Types: Customizable (4-20mA, 0-10V analog; RS485, MODBUS digital).



Customized Expansion Modules

Intelligent Display & Signal Module: Custom integrated modules (digital display + signal conversion).

Remote & Multi-Power Module: Custom modules (remote control, multi-DC power, two-wire control).

On-Site Operation Module: Custom modules (on-site buttons, valve position LCD, infrared remote).



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