

Quick-Opening Valve



Product Introduction:

Designed for efficient industrial fluid control, the quick on-off valve features fast opening and closing to quickly cut off or conduct media, suitable for chemical, water supply and drainage and other working conditions. Compact in structure and easy to operate, it has excellent sealing performance and corrosion resistance, stably copes with complex media, and is an ideal choice for improving system operation efficiency.

Product Features:

- High opening and closing efficiency: The valve core has a small rotation angle, and the switching action is completed in seconds, greatly shortening the fluid on-off response time.
- Strong durability: Adopting wear-resistant sealing material, it is erosion-resistant and anti-aging, adapts to harsh working conditions, and extends the service life of equipment.
- Low operation and maintenance cost: With a simplified structure, it is easy to disassemble and maintain, no complex tools are needed for daily maintenance, reducing downtime for maintenance.

Wafer Type Electric Quick-Opening Butterfly Valve

Product Description

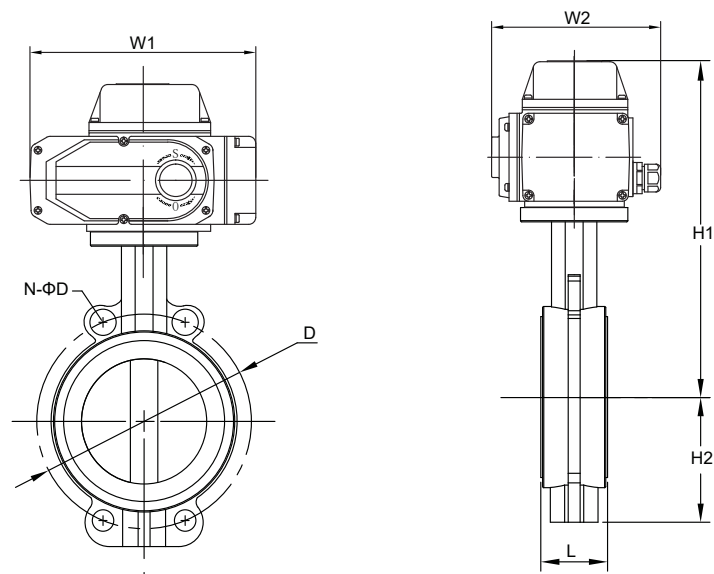
Wafer quick-opening electric Butterfly Valve integrates electric actuator. It opens and closes rapidly via 90° disc rotation, featuring compact structure and low flow resistance. It supports precise adjustment and remote control, stable, reliable and easy to maintain for various fluid delivery.

Main Performance Specifications

- Nominal Diameter: DN40~DN800
- Nominal Pressure: 0.1MPa~1.6MPa
- Medium Temperature: ≤60°C
- Protection Class: Ip67
- Applicable Media: Water, oil, gas, etc.
- Manufacturing Standards: GB/T 12238-2008, API 609
- Face-to-Face Standard: GB/T 12221-2005
- Test Standard: GB/T 13927-2022



Installation Dimension Drawing



Size(mm)	L	D	N-φD	H2	H1	W1	W2
40	33	125	4-φ18	48	210	167	138
50	42.6	125	4-φ18	70	314	196	145
65	45.6	145	4-φ18	76	327	196	145
80	45.6	160	8-φ18	89	333	255	182
100	51.6	180	4-φ22	104	385	255	182
125	55.6	210	4-φ22	120	400	255	182
150	55.6	240	4-φ23	139	442	255	182
200	59.6	295	4-φ23	175	480	354	251

Flanged Electric Quick-Opening Butterfly Valve

Product Description

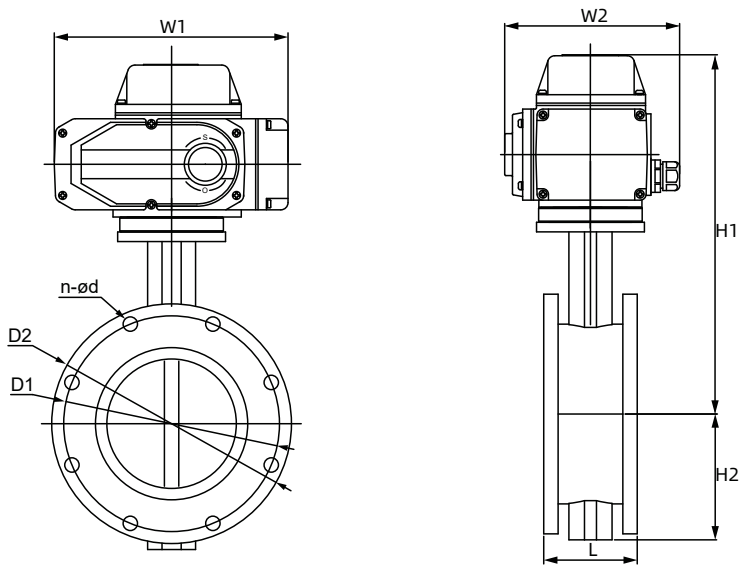
Flanged quick-opening electric Butterfly Valve is equipped with a high-efficiency electric actuator, enabling rapid opening and closing via 90° disc rotation. It features high valve body strength and excellent sealing, suitable for complex medium control, with convenient remote operation, stable operation and low maintenance cost.

Main Performance Specifications

Nominal Diameter: DN50~DN200
Nominal Pressure: 0.1MPa~1.6MPa
Medium Temperature: ≤60°C
Protection Class: Ip67
Applicable Media: Water, oil, gas, etc.
Manufacturing Standards: GB/T 12238-2008, API 609
Face-to-Face Standard: GB/T 12221-2005
Test Standards: GB/T 13927-2008, API 598



Installation Dimension Drawing



Size(mm)	D1	D2	N-ΦD	L	H2	H1	W1	W2
50	125	165	4-Φ18	108	70	288	196	145
65	145	185	4-Φ18	112	76	301	196	145
80	160	200	4-Φ18	114	89	313	255	182
100	180	220	8-Φ18	127	104	328	255	182
125	210	250	8-Φ18	140	120	348	255	182
150	240	285	8-Φ23	140	132	368	255	182
200	295	340	8-Φ23	152	167	435	354	251

Ultra-Short Flanged Electric Quick-Opening Valve Ball Valve

Product Description

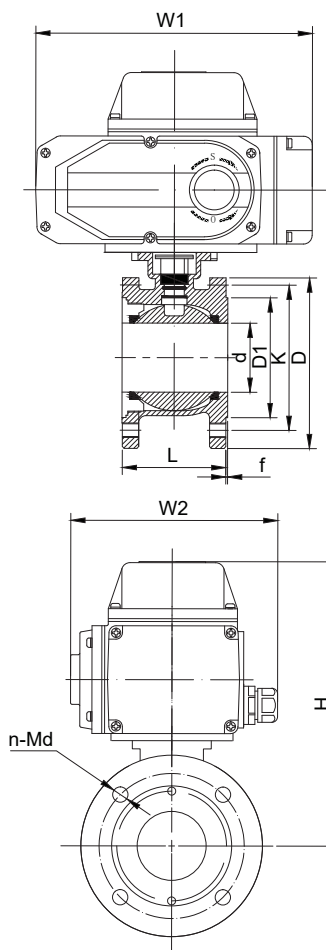
Flanged fast-switch electric ball valve cuts off flow instantly via 90° ball rotation. Firm flange connection and great sealing suit high-pressure & corrosive conditions, with precise remote control and easy maintenance.

Main Performance Specifications

- Nominal Diameter: DN15~DN100
- Nominal Pressure: 0.1MPa~6.4MPa
- Medium Temperature: ≤220°C
- Protection Class: Ip67
- Applicable Media: Water, oil, gas, etc.
- Manufacturing Standards: GB12237-2021, API 6D
- Face-to-Face Standard: GB/T 12221-2005
- Test Standard: API 598
- Flange Standards: JB/T 79-2015, GB/T 9124.1-2019, GB/T 9124.2-2019, ANSI B16.5, JIS B2239

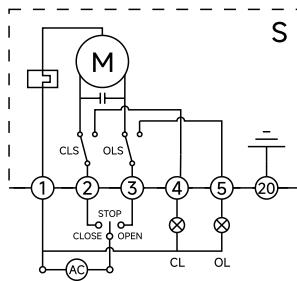


Installation Dimension Drawing



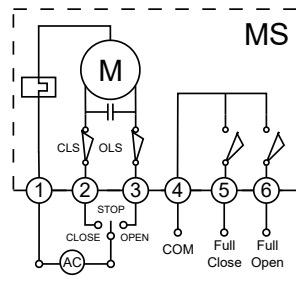
Size		d	D1	K	D	n-Md	f	L	H	W1	W2
mm	in										
15	1/2 "	15	45	65	95	4-M12	2	35	210	196	145
20	3/4 "	19	55	75	105	4-M12	2	38	216	196	145
25	1 "	25	65	85	115	4-M12	2	50	223	196	145
32	1-1/4 "	28	76	100	140	4-M12	2	50	230	196	145
40	1-1/2 "	38	83	110	148	4-M16	3	67	240	196	145
50	2 "	49	102	125	156	4-M16	3	72	250	196	145
65	2-1/2 "	64	120	145	185	4-M16	3	94	298	255	182
80	3 "	73	143	160	200	8-M16	3	120	312	255	182
100	4 "	90	168	180	220	8-M16	3	141	322	255	182

Circuit Diagram



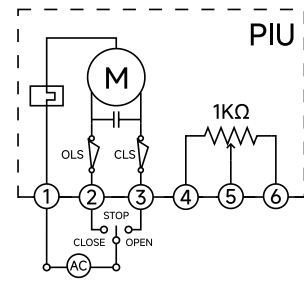
S

Switching Action Mode:
Switching operations (open/close) are achieved via AC switching signals, and a set of active position signals indicating fully open/fully closed status are output.



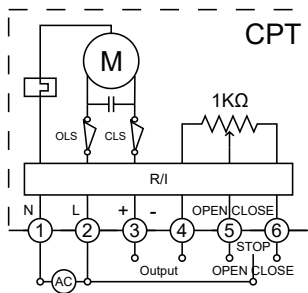
MS

Switching Action Mode: Outputs passive contact signals.
Structure: Equipped with two intermediate position switches.



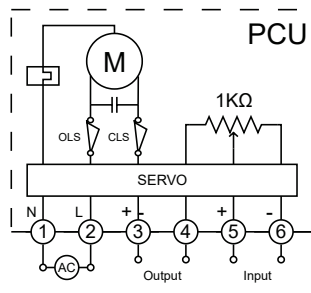
PIU

Switching Action Mode: Outputs 0~1000Ω feedback signal.
Structure: Equipped with 500Ω or 1kΩ potentiometer.



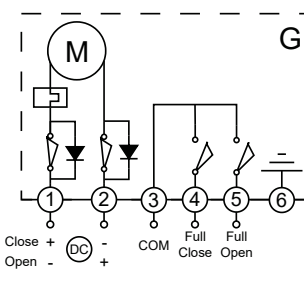
PCU

Regulating Action Mode: Accepts 4~20mA control signal input and outputs 4~20mA valve position feedback signal.
Structure: Integrated with 1kΩ potentiometer and control module (servo amplifier).



CPT

Switching Action Mode: Outputs 4~20mA valve position feedback signal.
Structure: Equipped with 1kΩ potentiometer and R/I converter.

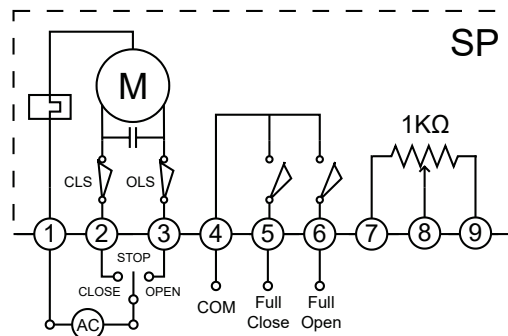


G

DC switching signals are output from the circuit via an external DC power supply to control the opening/closing program, and a set of passive contact signals corresponding to fully open/fully closed positions are provided.

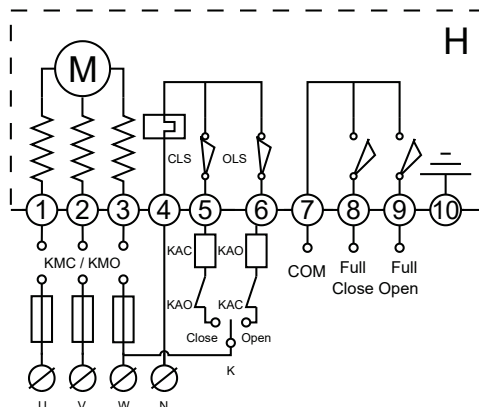
SP

Switching Action Mode: Controls valve opening angle via switching circuit, corresponding to potentiometer resistance value, while enabling intermediate position control function.
Structure: Integrated with potentiometer and intermediate position switch.



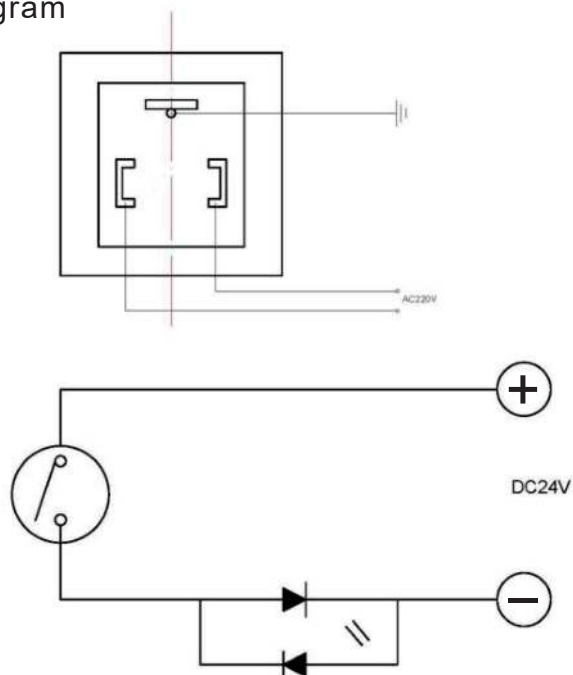
H

Three-phase AC switching signals are output through an external three-phase power phase-reversing circuit to control opening/closing operations, accompanied by a set of passive contact signals for fully open/fully closed position indication.

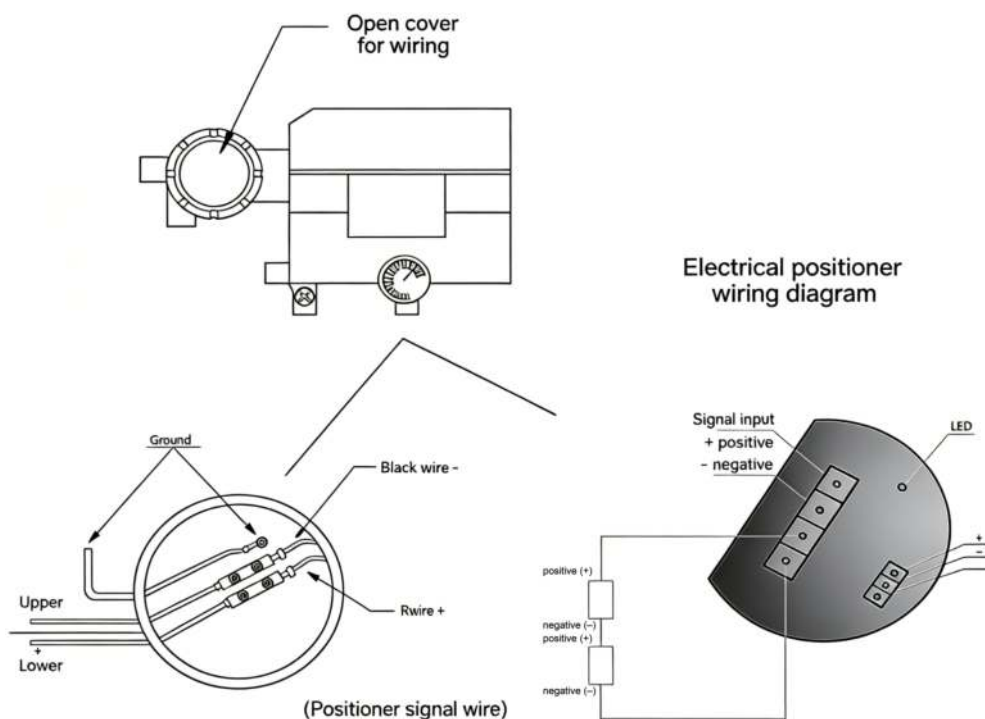


Pneumatic Valve Circuit Diagram

On-off Type Wiring Diagram



Regulating Type Wiring Diagram



Vision: Build more robust industrial automatic control systems

Mission: Make industrial automation technologies simpler and more reliable

Core Values: Simplify complexity, Continuous Innovation, Win-Win Collaboration



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