Welcome to HEARKEN --- Actuators and Controls

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BROCHURE

Here We Gan

The Trusted, Passionate and focused Partner in Valve Automation

At HEARKEN FLOW, The founding principle of Hearkenflow is simple: to Listen our customers needs first, to develop the innovative valve actuators solutions, to meet the unique needs of our customers, Along the way, To help our customers to solve the problems in Valve Automation. We are growing our brand in Pneumatic and Electric Actuators, Accessories...



Experienced team



Large inventory



Convenient consultation













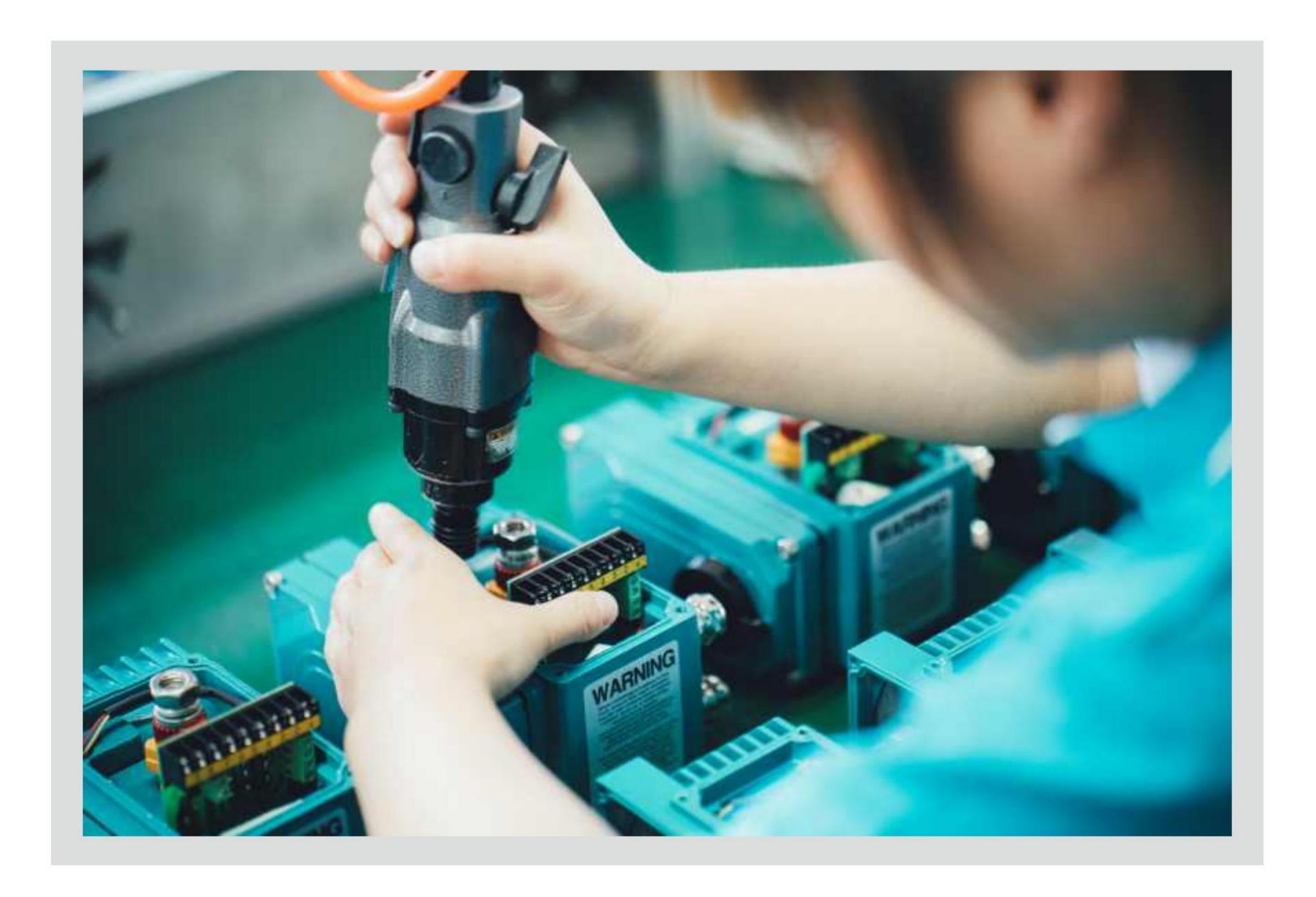
WHY WE ARE DIFFERENT

We offer a complete valve automation solution by the applications experience and customization capabilites, with an experienced support team to guide you in selection, installation, and project support.In addition we maintain an extensive supply of product inventory on hand so that we can quickly fulfill orders and reduce wait times. Our sales and support staff are readily available and accessible so that customers get the answers they need quickly.

THE TARGET WE ARE PURSUING



- High-quality
 - low cost
- Reliable solution
- To built A strong Reputation in Providing Quality, Cost Effective, Reliable And Robust Performance Solutions for Valve Automation,
- Inclued Pneumatic Actuators, Electrically Actuators, Actuated Valves.



COMMITMENT TO QUALITY

At HEARKEN FLOW means performance, All products manufactured by HEARKEN FLOW are warranted against defects in material and workmanship for a period of 18months from the day of startup. Each of our products are tested at the factory. we are confident that our products meet or exceed all applicable standards before they ever leave our facility. We are an ISO 9001-2008 certified company. Our Valve Actuators Has Applied for SIL3 Certificate, ATEX Certificate, CE, Explosion-proof Certificate, IP68 Weather proof etc....

HEAS Series Motorized Valve (SS304)

Main Features

Mini dimension suit for small equipment Patented technology-floating seal structure Long service life:80000-100000 circles Low working current, suitable for battery driving Manual override and position indicator Metal gearbox and POM gear High flow capability

Application

HVAC

Water treatment Chemical process

Small equipment for automatic control

Technical Parameters

Replacing solenoid valve, particularly when solenoid can't work reliably



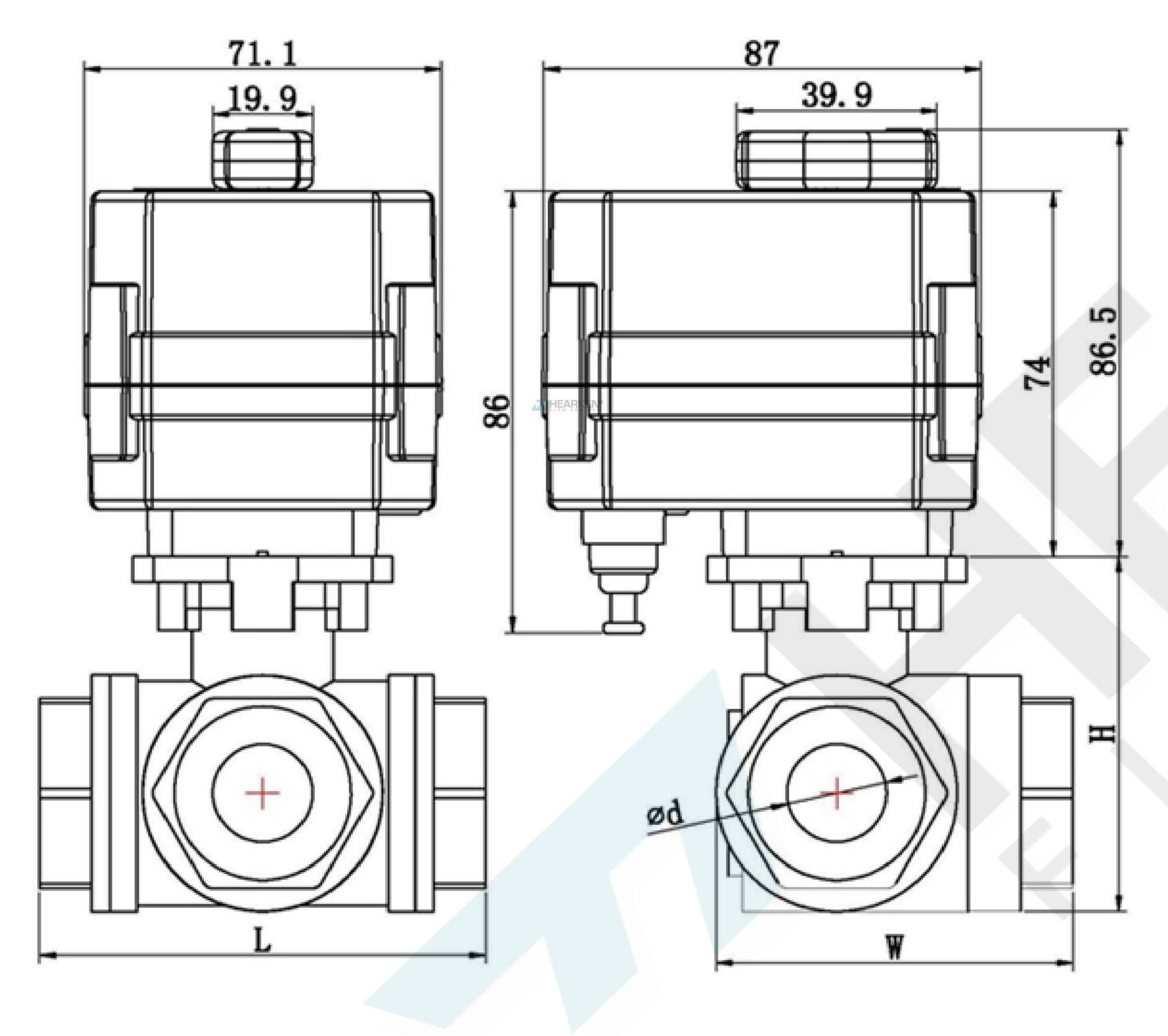


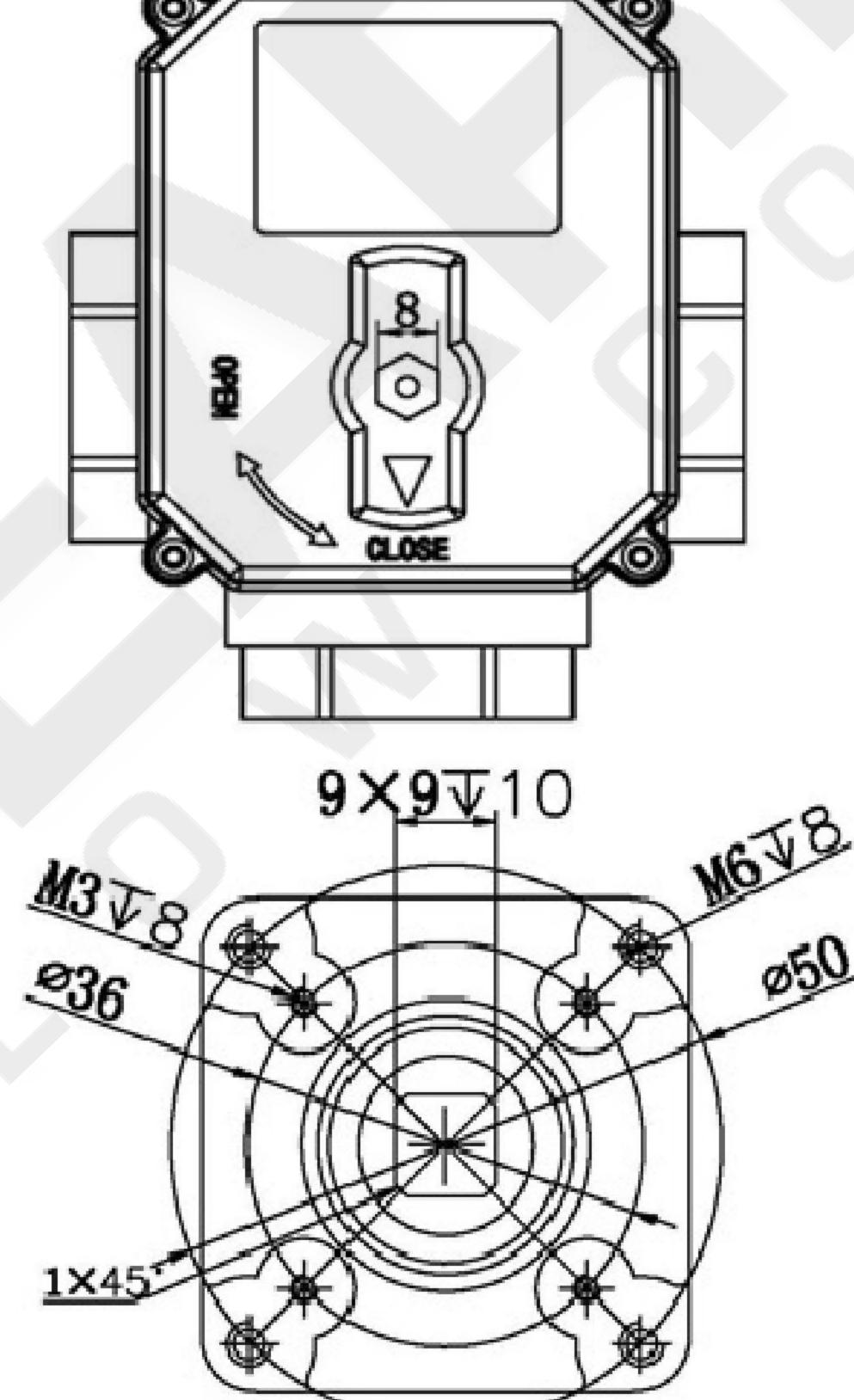
Testing for Actuators



All actuators manufactured by HEARKEN are individually tested, Testing is carried out to check the leakage in both internal and external, All bodies are stamped with year, month of production size and serial number.

Series	Max torque	Operating time	Working voltage	Max power	Enclosure	Max pressure	Medium temperature	Ambient temperature
			DC3-6V,DC12V					
HEAS001	10 N.m	Below12	AC/DC9-24V	Max 18W	IP65	1.6Mpa	0-100°C	-20°C <t<45°c< td=""></t<45°c<>
		Sec	AC220V/	Max 22W				
			AC85-265V	Max 22W				





Parts	Material
Actuator housing	ABS
Valve body	Brass /SS304 316
Valve ball	Brass/ SS304 316
Stem	Brass
Ball seat	PTFE
Seal	EPDM

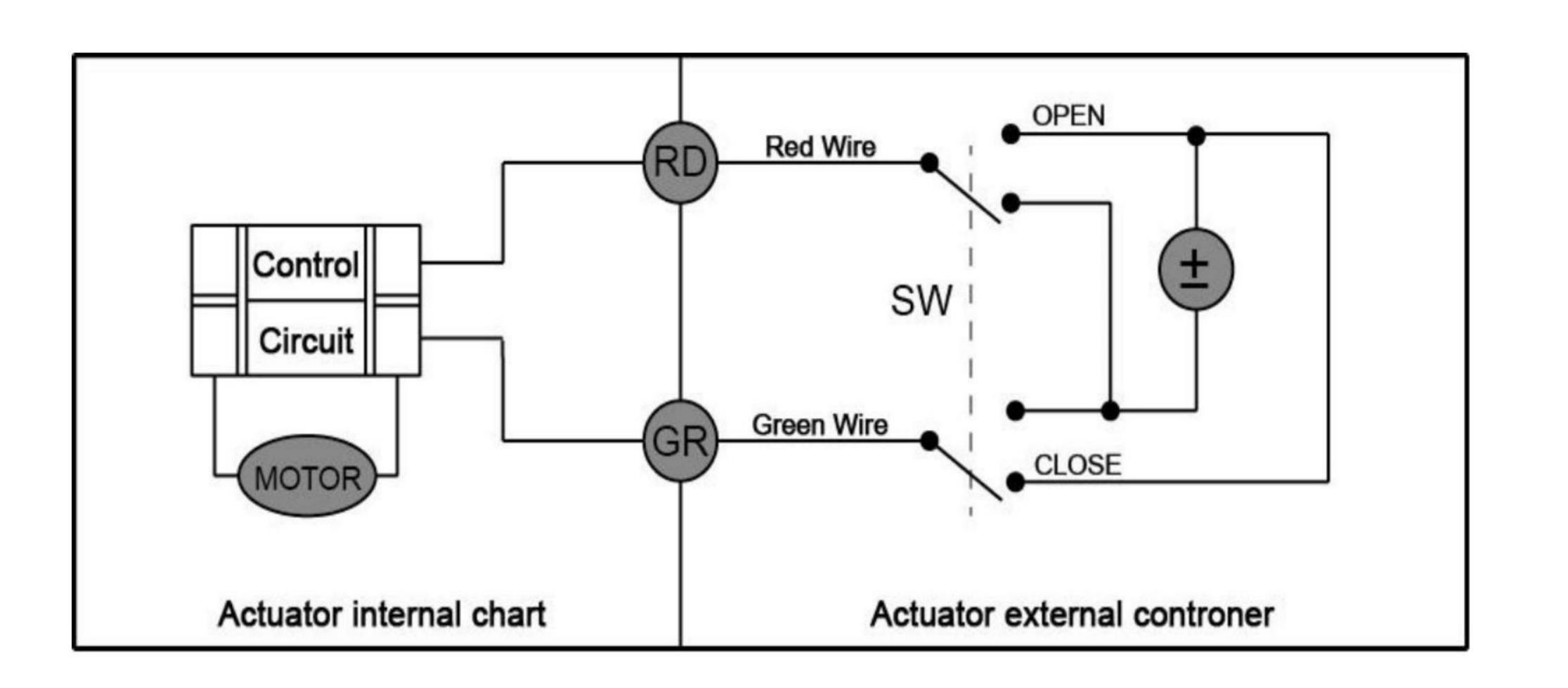
Stainless steel	Valve Size	d		H	W	
	DN15	15	62	55	0.8	
	DN20	20	71	63	0.873	
Both female thread full	DN25	25	81	78	0.968	
port	DN32	32	93	84	1.433	
	DN40	40	102	91	1.72	
	DN50	50	118	107	2.157	



	Valve Size	d	L1	L2		W
3-way horizontal type	DN15	15	61	48	46	0.862
(brass)	DN20	20	67	48	54	0.992
	DN25	25	96	74	68	1.256
	DN32	32	89.32	68	57	1.546
	DN15	15	80	52	54	1.042
3-way horizontal type	DN20	20	82	62	59	1.253
(stainless steel)	DN25	25	87	67	71	1.457
	DN32	32	115	90	89	2.788

UPVC	Valve Size	d	L	Н	W	
	DN15	15	121	50	0.795	
	DN20	20	135	62	0.933	
Both female	DN25	25	150	69	1.052	
thread/Glue full port	DN32	32	165	82	1.26	
	DN40	40	181	2499	1.55	
	DN50	50	206	122	2.232	

CR01

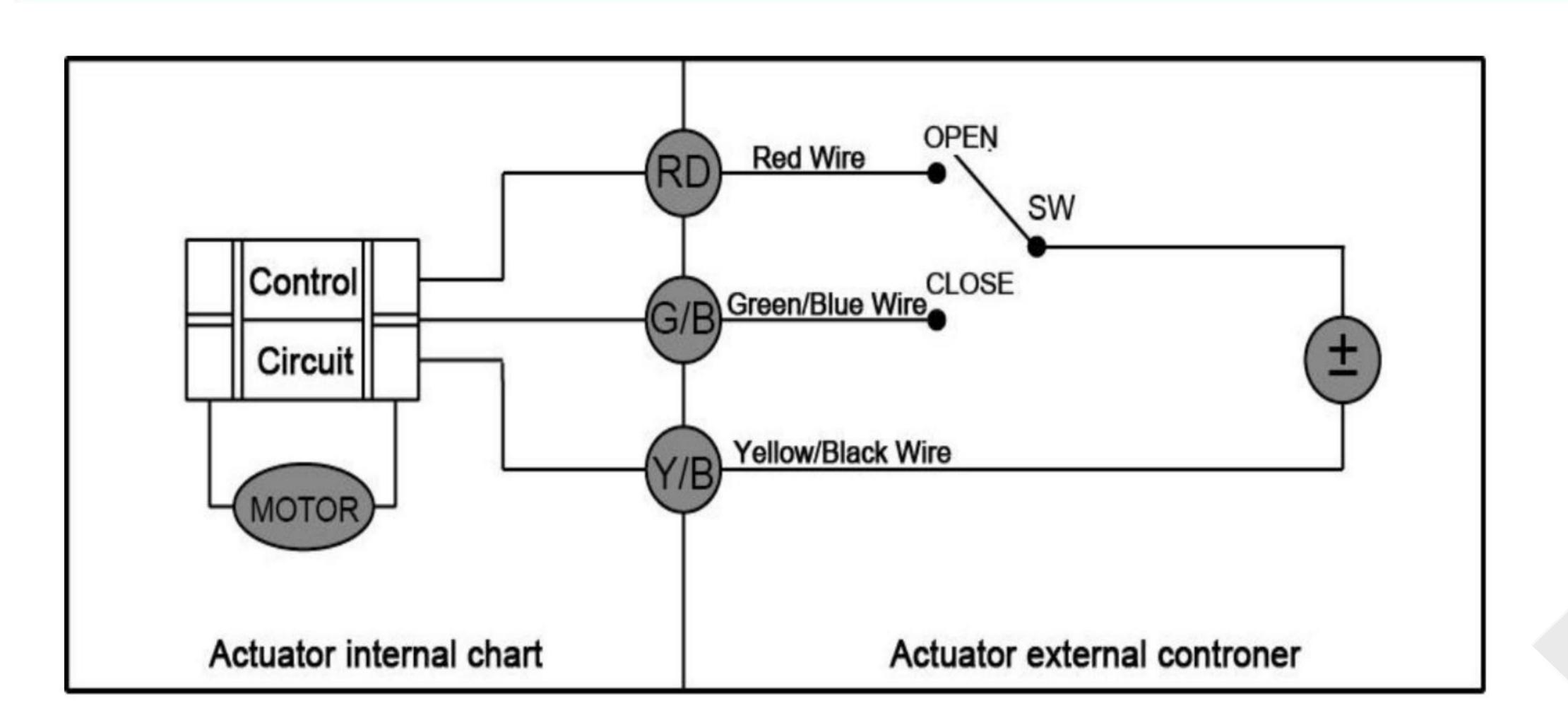


Wiring Diagram

Voltage: DC3-6V/12V/9-24V

- 1.Connecting SW to OPEN, the valve opens, getting the position, automatically power off, the valve remain fully open position
- 2.Connection SW to CLOSE, the valve close, getting the position, automatically power off, the valve remains side passes position(fully closed)

CR02

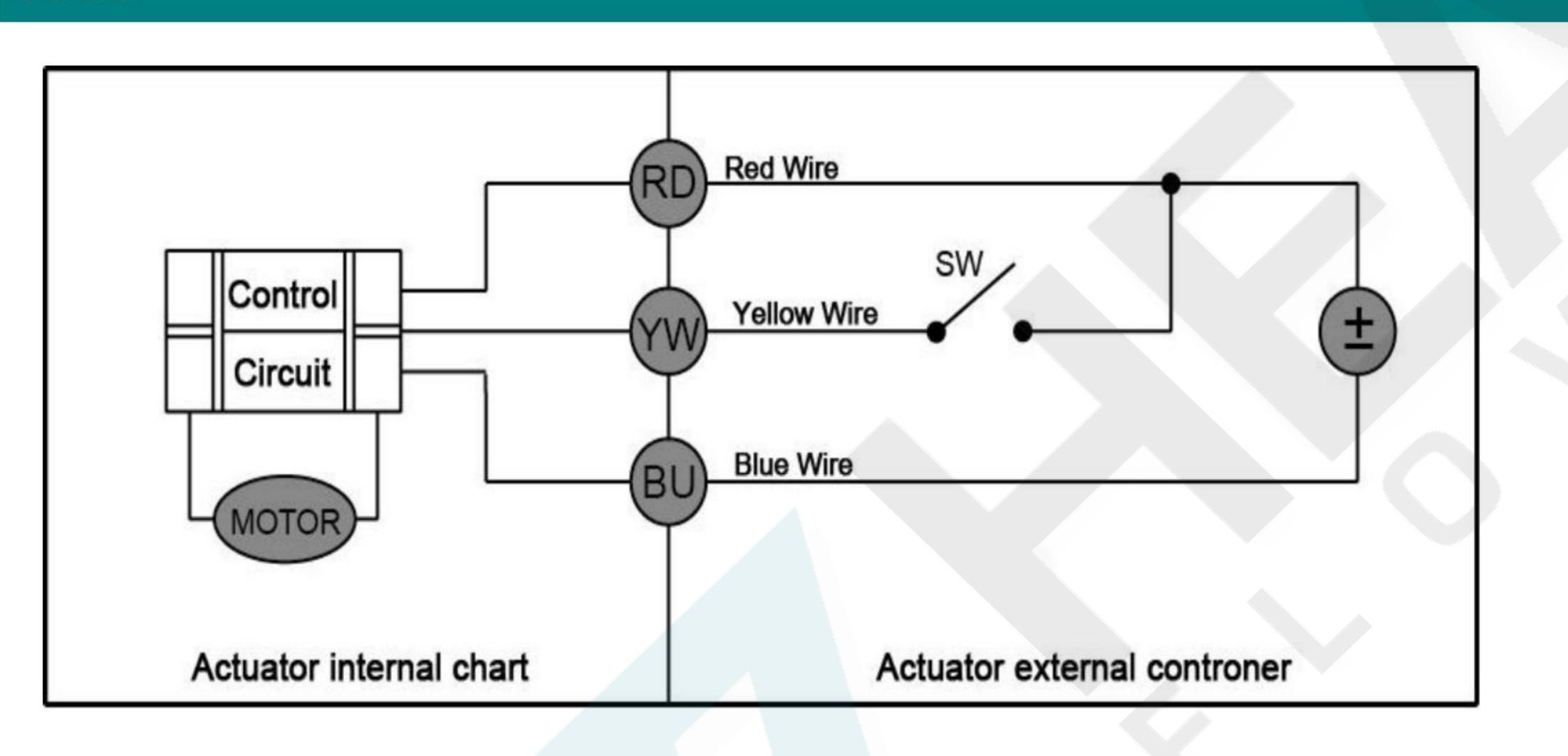


Voltage: DC3-6V/12V/ 9-24V/AC220V

- 1. Connecting SW to OPEN, the valve opens, getting the position, automatically power off, the valve remain fully open position
- 2.Connection SW to CLOSED, the valve close, getting the position, automatically power off, the valve remains side passes position(fully closed)

Note: AC24V/AC220V can only be used for CWX-50K series electric valves

CR03

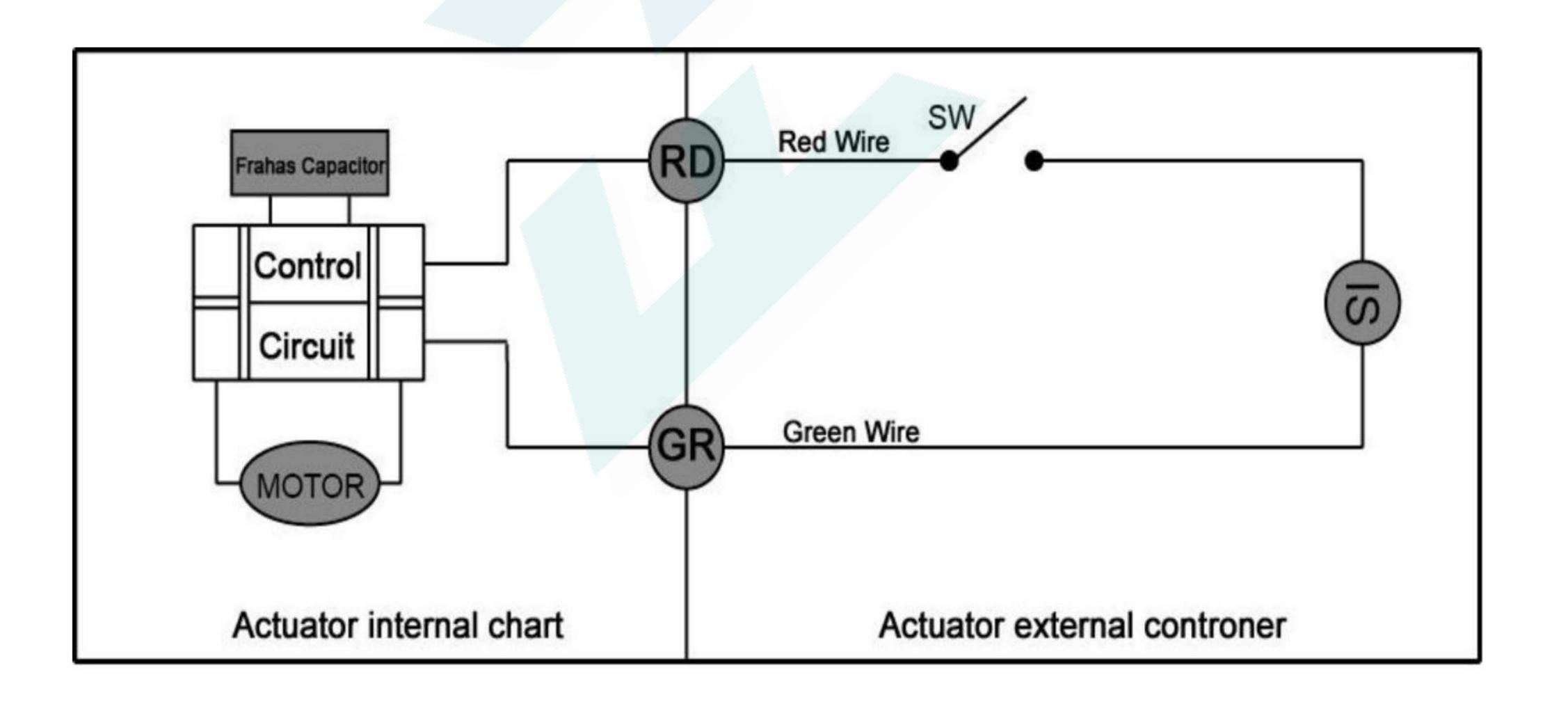


Voltage: DC3-6V/12V /ADC9-24V /AC220V

- 1.Connecting SW, the valve opens, getting the position, automatically power off, the valve remain fully open position2.Disconnecting SW, the valve close, getting the position,
- automatically power off, the valve remains side passes position (fully closed)

Note: When power is DC voltage and Red Wires is "+",
Blue wire is "—"

CR04



Voltage: DC3-6V/ADC9-24V/AC220V

- 1.SW connecting ,the valve open, getting the position and the power off automatically,the valve remains fully open/close position
- 2.SW disconnecting ,the valve close, getting the position and power off automatically,the valve remains fully open/close position