VENDOM
INGENIERÍA Y AUTOMATISMOS

VÁLVULAS MOTORIZADAS

WWW.PROYECTOSVENDOM.COM

A20-T SERIES 2 WAY BRASS ELECTRIC BALL VALVE A20-T

T20-B2-A

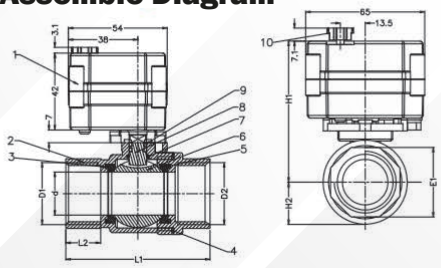
T20-B2-B

T20-B2-C

Technical Parameters

PRODUCT SIZE	NPT/BSP 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" OPTIONAL
Maximum working pressure	1.0 MPa
Circulation medium	Fluid, air
Working voltage	DC5V DC12V DC24V AC/DC9-24V(Optional)
Wiring diagram	CR201 CR202 CR301 CR302 CR303 CR304 CR305 CR306 CR501 CR502 CR701 CR702 CR703 CR705 CR706 (Optional)
Working current	≤500mA
Open/close time	≤5S
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	Brass
Actuator material	Engineering Plastics
Sealing material	FKM&PTFE
Actuator rotation	90°
Torque force	2 N.m
Cable length	0.5m,1.5m (Optional)
Environment temperature	-15℃ ~ 50℃
Liquid temperature	2℃ ~ 90℃
Manual override	Yes No(Optional)
Open/close indicator	Yes No(Optional)
Protection class	IP67

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Brass		1
3	O-ring	FKM		2
4	Sealing	PTFE		2
5	Ball	stainless steel	304	1
6	Stem	Brass		1
7	O-ring	FKM		2

DESCRIPTION	D1/D2	d	L1	L2	E1	H1	H2
T8(1/4")Electric valve	1/4"	8	49	12	20.5	68	12
T10(3/8")Electric valve	3/8"	10	49	12	20.5	68	12
T15(1/2")Electric valve	1/2"	15	56	12	25	71	16
T20(3/4")Electric valve	3/4"	20	66	15	31	74	19
T25(1")Electric valve	1"	24	71	15	38	76	22
T32(1 1/4")Electric valve	1 1/4"	25	79	18	46	78	25
T32(1 1/4"Electric valve	1 1/4'	29	80	15	46	93	27

VENDOM
INGENIERÍA Y AUTOMATISMOS

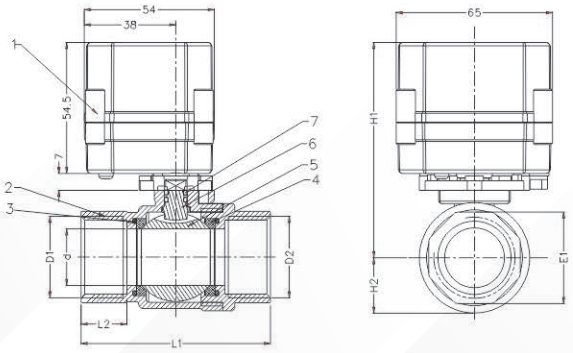
A20-T SERIES 2 WAY BRASS ELECTRIC BALL VALVE (AC110-230V) A20

Technical Parameters

PRODUCT SIZE	NPT/BSP 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" OPTIONAL
Maximum working pressure	1.0 MPa
Circulation medium	Fluid, air
Working voltage	AC/DC110-230V
Wiring diagram	CR202 CR303 CR305 CR306 CR401 CR502 CR703 CR704 CR705 CR706(Optional)
Working current	≤500mA
Open/close time	≤5S
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	Brass
Actuator material	Engineering Plastics
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	2 N.m
Cable length	0.5m,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual override	Yes No (Optional)
Open/close indicator	Yes
Protection class	IP67

T20-B2-C

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Brass		1
3	O-ring	FKM		2
4	Sealing	PTFE		2
5	Ball	Stainless Steel	304	1
6	Stem	Brass		1
7	O-ring	FKM		2

DESCRIPTION	D1/D2	d	L1	L2	E1	H1	H2
T8(1/4")Electric valve	1/4"	8	49	12	20.5	80.5	12
T10(3/8")Electric valve	3/8"	10	49	12	20.5	80.5	12
T15(1/2")Electric valve	1/2"	15	56	12	25	84	16
T20(3/4")Electric valve	3/4"	20	66	15	31	87	19
T25(1")Electric valve	1"	24	71	15	38	89	22
T32(1 1/4")Electric valve	1 1/4"	25	79	18	46	91	25
T32(11/4")Electric valve	1 1/4"	29	80	15	46	105	27

A20-T SERIES 2 WAY SS304 ELECTRIC BALL VALVE A20-T

T25-S2-A

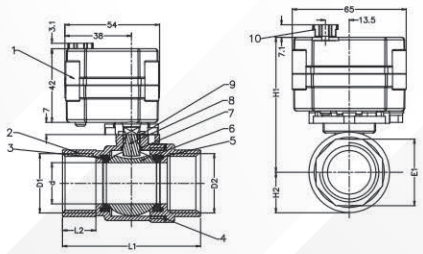
T25-S2-B

T25-S2-C

Technical Parameters

PRODUCT SIZE	NPT/BSP 1/4" 3/8" 3/4" 1" OPTIONAL
Maximum working pressure	1.0 MPa
Circulation medium	Fluid, air
Working voltage	DC5V DC12V DC24V AC/DC9-24V(Optional)
Wiring diagram	CR201 CR202 CR301 CR302 CR303 CR304 CR305 CR306 CR501 CR502 CR701 CR702 CR703 CR705 CR706(Optional)
Working current	≤500mA
Open/close time	≤5S
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	SS304
Actuator material	Engineering Plastics
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	2 N.m
Cable length	0.5m,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual override	Yes No(Optional)
Open/close indicator	Yes No(Optional)
Protection class	IP67

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Stainless Steel	304	1
3	O-ring	FKM		2
4	Sealing	PTFE		1
5	Sealing	PTFE		2
6	Ball	Stainless Steel	304	1
7	Gasket	PTFE		1
8	Stem	Stainless Steel	304	1
9	O-ring	FKM		2

DESCRIPTION	D1/D2	d	L1	L2	E1	H1	H2
T8(1/4'')Electric valve	1/4''	10	51	12	21	70	14
T10(3/8'')Electric valve	3/8''	10	51	12	21	70	14
T15(1/2'')Electric valve	1/2''	15	63	14	25	70	17
T20(3/4'')Electric valve	3/4''	20	72	17	31	74	20
T25(1'')Electric valve	1''	25	81	18	38	82	24

VENDOM
INGENIERÍA Y AUTOMATISMOS

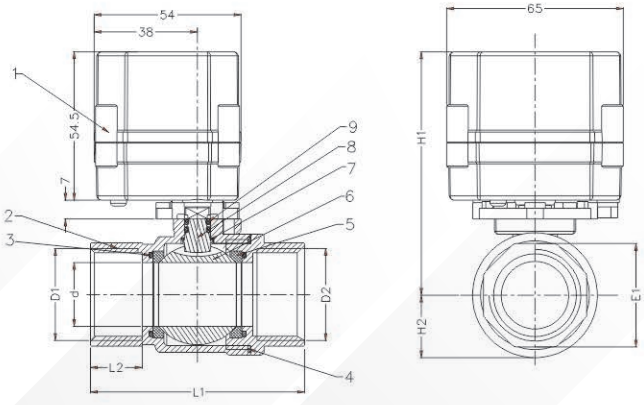
A20-T SERIES 2 WAY SS304 ELECTRIC BALL VALVE (AC110-230V) A20-T

Technical Parameters

PRODUCT SIZE	NPT/BSP 1/4" 3/8" 1/2" 3/4" 1" OPTIONAL
Maximum working pressure	1.0 MPa
Circulation medium	Fluid, air
Working voltage	AC/DC110-230V
Wiring diagram	CR202 CR303 CR305 CR306 CR401 CR502 CR703 CR704 CR705 CR706(Optional)
Working current	≤500mA
Open/close time	≤5S
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	SS304
Actuator material	Engineering Plastics
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	2 N.m
Cable length	0.5m,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual override	Yes No (Optional)
Open/close indicator	Yes
Protection class	IP67

T20-S2-C

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Stainless Steel	304	1
3	O-ring	FKM		2
4	Sealing	PTFE		1
5	Sealing	PTFE		2
6	Ball	Stainless Steel	304	1
7	Gasket	PTFE		1
8	Stem	Stainless Steel	304	1
9	O-ring	FKM		2

DESCRIPTION	D1/D2	d	L1	L2	E1	H1	H2
T8(1/4")Electric valve	1/4"	10	51	12	21	82	14
T10(3/8")Electric valve	3/8"	10	51	12	21	82	14
T15(1/2")Electric valve	1/2"	15	63	14	25	84.5	17
T20(3/4")Electric valve	3/4"	20	72	17	31	88	20
T25(1")Electric valve	1"	25	81	18	38	90	24.5

A20-T SERIES 2 WAY SS304 TIMER DRAIN VALVE A20-S

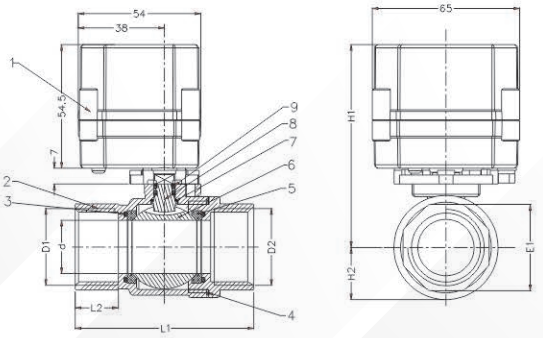
Technical Parameters

PRODUCT SIZE	NPT/BSP 1/4" 3/8" 1/2" 3/4" OPTIONAL
Maximum working pressure	1.0 MPa
Circulation medium	Fluid, air
Valve open /closed time	≤ 7S
Working voltage	AC/DC9-24V AC/DC110-230V (Optional)
Keeping valve open time	00:00:00~99:59:59S
Keeping valve closed time	00:00:00~99:59:59S
Working current	≤500mA
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	SS304
Actuator material	PPO
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	4N.m
Cable length	0.5m,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual override	No
Open/close indicator	Yes
Protection class	IP67

S20-S2-C

Patent Certificate No:
ZL 2012 2 0538591.4
"Spring return" in case of power is failure
(which is optional according to requirements)

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Stainless Steel	304	1
3	O-ring	FKM		2
4	Sealing	PTFE		1
5	Sealing	PTFE		2
6	Ball	Stainless Steel	304	1
7	Gasket	PTFE		1
8	Stem	Stainless Steel	304	1
9	O-ring	FKM		2

DESCRIPTION	D1/D2	d	L1	L2	E1	H1	H2
T8(1/4")Electric valve	1/4"	10	51	12	21	82	14
T10(3/8")Electric valve	3/8"	10	51	12	21	82	14
T15(1/2")Electric valve	1/2"	15	63	14	25	84.5	17
T20(3/4")Electric valve	3/4"	20	72	17	31	88	20
T25(1")Electric valve	1"	25	81	18	38	90	24.5

VENDOM
INGENIERÍA Y AUTOMATISMOS

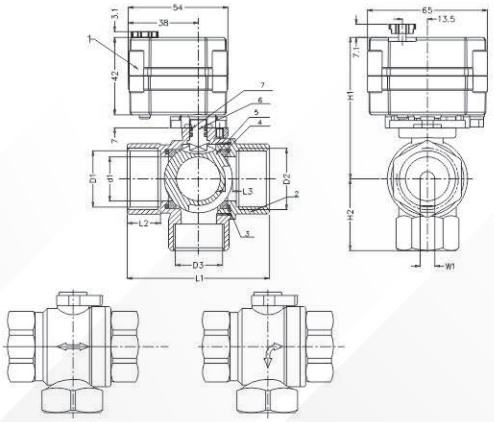
A20-T SERIES 3 WAY VERTICAL BRASS ELECTRIC BALL VALVE A20-T

Technical Parameters

PRODUCT SIZE	NPT/BSP 1/2" 3/4" 1" OPTIONAL
Maximum working pressure	1.0 MPa
Circulation medium	Fluid, air
Working voltage	DC5V DC12V DC24V AC/DC9-24V AC/DC110-230V(Optional)
Wiring diagram	CR201 CR202 CR301 CR302 CR303 CR304 CR305 CR306 CR401 CR501 CR502 CR701 CR702 CR703 CR704 CR705 CR706(Optional)
Working current	≤500mA
Open/close time	≤5S
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	Brass
Actuator material	PPO
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	2N.m
Cable length	0.5m,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual override	Yes No (Optional)
Open/close indicator	Yes No (Optional)
Protection class	IP67

T25-B3-C

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Brass		1
3	O-ring	FKM		2
4	Sealing	PTFE		2
5	Ball	Stainless Steel	304	1
6	Stem	Brass		1
7	O-ring	FKM		2

DESCRIPTION	D1/D2	d1	W1	L1	L2	E1	H1	H2
T15(1/2'')Electric valve	1/2''	12	7	58	10	3	70	27
T20(3/4'')Electric valve	3/4''	15	7	66	16	3	71	31
T25(1'')Electric valve	1''	24	8	73	16	4	77	40

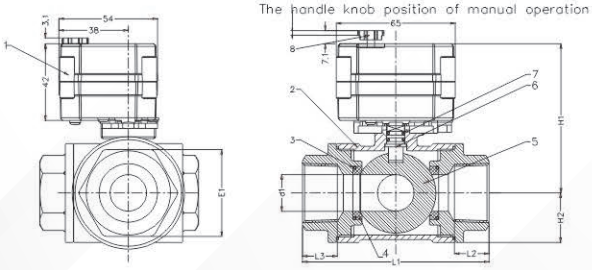
A20-T SERIES 3 WAY HORIZONTAL BRASS ELECTRIC BALL VALVE A20-T

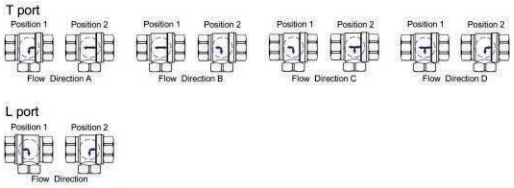
Technical Parameters

PRODUCT SIZE	NPT/BSP 1/4" 3/8" 1/2" 3/4" 1" OPTIONAL
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC5V DC12V DC24V AC/DC9-24V AC/DC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR302 CR303 CR304 CR305 CR306 CR401 CR501 CR502 CR701 CR702 CR703 CR704 CR705 CR706 (Optional)
Working current	≤500mA
Open/close time	≤5S
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	Brass
Actuator material	PPO
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force 扭力	3N.m
Cable length	0.5m,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual override	Yes No (Optional)
Open/close indicator	Yes No (Optional)
Protection class	IP67

T20-B3-B

Assemble Diagram





Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Brass		1
3	O-ring	FKM		2
4	Sealing	PTFE		2
5	Ball	Stainless Steel	304	1
6	Stem	Brass		1
7	O-ring	FKM		2

DESCRIPTION	D1/D2	d1	L1	L2/L3	E1	H1	H2
T8(1/4")Electric valve	1/4"	6	51	11	20.2	66	11
T10(3/8")Electric valve	3/8"	6	51	11	20.2	66	11
T15(1/2")Electric valve	1/2"	12	70	16	27	72	17
T20(3/4")Electric valve	3/4"	15	75	16	31	76.5	20.5
T25(1")Electric valve	1"	18	85	17	38	78	22.5

VENDOM
INGENIERÍA Y AUTOMATISMOS

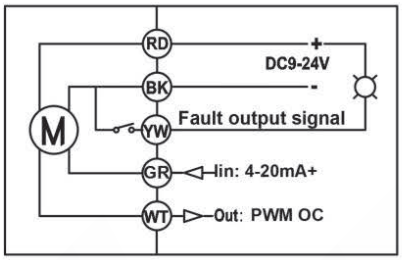
A20-T SERIES 2 WAY SS304 MODULATING BALL VALVE A20-T

Technical Parameters

PRODUCT SIZE	NPT/BSP 1/4" 3/8" 1/2" 3/4" 1"OPTIONAL
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC9-24V DC9-45V
Input signal	4-20mA 0-5V 0-10V (Optional)
Out put signal	PWM 4-20mA(Optional)
Working current	≤500mA
Open/close time	≤7S
Locked-rotor delay time	2-4s
Control Position	75-80 Positions
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	SS304
Actuator material	PPO
Sealing material	FKM & PTFE
Ball type	Full port or V type 30°(Optional)
Torque force	3 N.m
Cable Length	0.5m 1.5m (Optional)
Environment temperature	-15℃~60℃
Liquid temperature	2℃~90℃
Manual override	No
Open/close indicator	Yes No (Optional)
Protection class	IP67

M15-S2-C

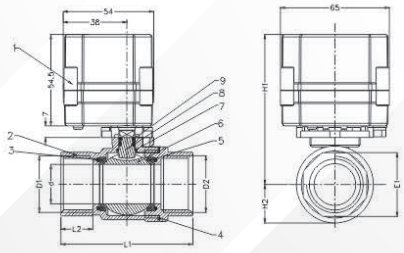
Wiring Diagram



1, RD DC9~24V
2, BK DC9~24V ; 4-20mA/0-5V/0-10V
3, GR (4-20mA/0-5V/0-10V)
4, YW , OC
5, WT , OC 100Hz,5%-95%,

1, RD connect DC9-24V positive pole
2, BK connect DC9 ~ 24V- / 4-20mA-/0-5V-/0-10V-
3 GR connect position input /control current +/ control voltage +(4-20mA, 0-5V, 0-10V) positive pole
4, YW connect ERR output ,OC output. Such as working current is too big, the valve ball stop in case of block .
5, WT connect position feedback ,OC output PWM signal

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Stainless Steel	304	1
3	O-ring	FKM		2
4	Sealing	PTFE		1
5	Sealing	PTFE		2
6	Ball	Stainless Steel	304	1
7	Gasket	PTFE		1
8	Stem	Stainless Steel	304	1
9	O-ring	FKM		2

DESCRIPTION	D1/D2	d	L1	L2	E1	H1	H2
T8(1/4")Modulating valve	1/4"	10	51	12	21	82	14
T10(3/8")Modulating valve	3/8"	10	51	12	21	82	14
T15(½")Modulating valve	1/2"	15	63	14	25	84.5	17
T20(3/4")Modulating valve	3/4"	20	72	17	31	88	20
T25(1")Modulating valve	1"	25	81	18	38	90	24.5

WATER LEAK PROTECTION

Product Characteristic

W15-B2-C

(87*71*29mm)

Small and beautiful shape to install easily.

Using waterproof quick connection,disassemble easily.

Brass sensors with high sensitivity,rapid detection and closed valves in time.

Fully sealed and moisture-proof design,improve the product's life.

Control panel is easy to operate with indicator icon and manual button.

Metal gears improve the quality of motorized valves.

Battery supply,auto alarm when power is lower.

Product Parameter

1/4"- 1"

Valve Size: 1/4"- 1"

Valve Material: Brass,Nickel Plated Brass,SS304

3VDC

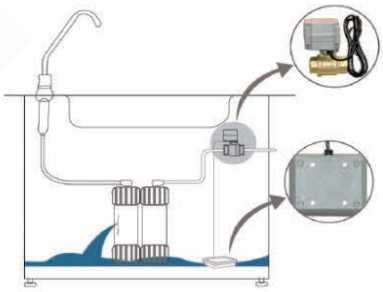
Working Voltage: 3VDC(2AA 5# Battery)

7S

Open/Closed Time: 7S

1.0Mpa

Maximum Working Pressure: 1.0Mpa



VENDOM
INGENIERÍA Y AUTOMATISMOS

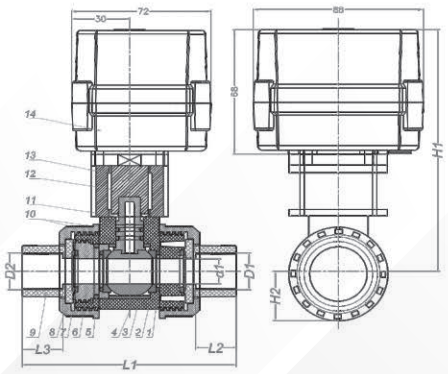
A100 SERIES 2 WAY PVC ELECTRIC BALL VALVE A100

Technical Parameters

VALVE SIZE	NPT/BSP 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" OPTIONAL
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC/DC9-24V AC/DC110-230V(Optional)
Wiring diagram	Cr201 CR202 CR303 CR305 CR306 CR401 CR501 CR502 CR703 CR704 CR705 CR706(Optional)
Working current	≤1A
Open/close time	≤15S
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve Body material	PVC
Actuator material	PPO
Sealing material	EPDM & PTFE
Actuator rotation	90°
Torque force	10N.m
Cable length	0.5m,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~55℃
Manual override	No
Open/close indicator	Yes
Protection class	IP67

T40-P2-C

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	O-ring	EPDM/VITON		2
2	Sealing	PTFE		2
3	Valve body	UPVC		1
4	Ball	UPVC		1
5	O-ring	EPDM/VITON		2
6	Bonnet	UPVC		2
7	O-ring	EPDM/VITON		2
8	Gland	UPVC		2
9	Socket	UPVC		2
10	O-ring	EPDM/VITON		2
11	Stem	UPVC		1
12	Coupling	Stainless steel		1
13	Holder	Stainless steel		1
14	Acatuator	PPO		1

DESCRIPTION	D1/D2	d1	L1		H1	H2	D1/D2			
T15(1/2")Electric valve	1/2"	15	107	22.3	130	27	21.54	20.30	22.4	22.40
T20(3/4")Electric valve	3/4"	20	115	25.5	134.5	32	26.87	25.30	26.45	26.40
T25(1")Electric valve	1"	25	129	28.6	146.3	37	33.65	32.30	32.55	34.50
T32(1 1/4")Electric valve	1 1/4"	32	144	32	156.8	42	42.42	40.30	38.60	42.50
T40(1 1/2")Electric valve	1 1/2"	40	161	35	163.6	49	48.56	50.30	48.70	48.60
T50(2")Electric valve	2"	50	173	38	179.6	59	60.63	63.30	60.80	60.60
							ANSI	DIN	JIS	CNS

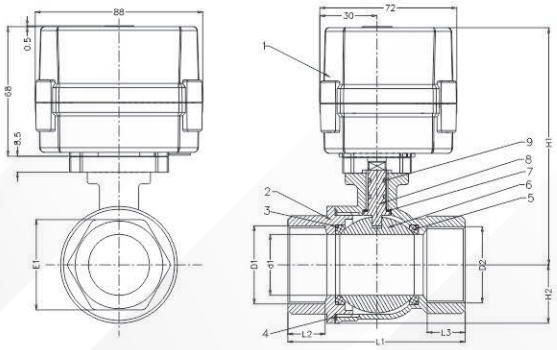
A100 SERIES 2 WAY SS304 ELECTRIC BALL VALVE A100-T

Technical Parameters

VALVE SIZE	NPT/BSP 1 1/4" 1 1/2" 2" OPTIONAL
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC/DC9-24V AC/DC110-230V((Optional)
Wiring diagram	CR201 CR202 CR303 CR401 CR501 CR502 CR703 CR704 CR705 CR706 (Optional)
Working current	≤1A
Open/close time	≤15S
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	SS304/SS316(Optional)
Actuator material	PPO
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	10N.m
Cable length	0.5m 1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual override	No
Open/close indicator	Yes
Protection class	IP67

T32-S2-C

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	stainless steel	304	1
3	O-ring	FKM		2
4	Sealing	PTFE		1
5	Sealing	PTFE		2
6	Ball	stainless steel	304	1
7	Gasket	PTFE		
8	Stem	stainless steel	304	1
9	O-ring	FKM		2

DESCRIPTION	L2/L3	d1	L1	L2/L3	E1	H1	H2
T32(1 1/4")Electric valve	1 1/4"	32	102	23	47	122	31
T40(1 1/2")Electric valve	1 1/2"	38	115	24	53	130	36
T50(2")Electric valve	2"	50	130	25	66	138	45

VENDOM
INGENIERÍA Y AUTOMATISMOS

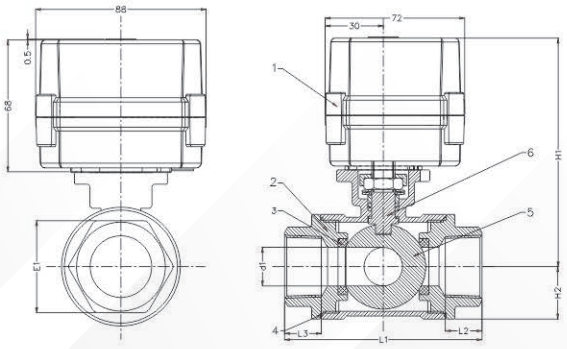
A100-T SERIES ELECTRIC 3 WAY ELECTRIC SS304 BALL VALVE

Technical Parameters

PRODUCT SIZE	NPT/BSP 1/2" 3/4" 1" OPTIONAL
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC/DC9-24V AC/DC110-230V((Optional)
Wiring diagram	CR201 CR202 CR303 CR401 CR501 CR502 CR703 CR704 CR705 CR706 (Optional)
Working current	≤1A
Open/close time	≤15S
Life time	70000 times (testing pressure is 0.4MPa,medium is water)
Valve body material	SS304/SS316(Optional)
Actuator material	PPO
Sealing material	FKM & PTFE
Actuator rotation	90°
Toque force	10N.m
Cable length	0.5m,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual override	No
Indicator	Yes
Protection class	IP67

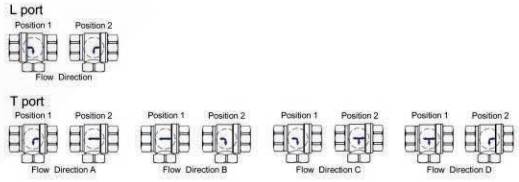
T25-S3-C

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	stainless steel		1
3	Sealing	PTFE		1
4	Sealing	PTFE		2
5	Ball	stainless steel	304	1
6	Stem	stainless steel	304	1



DESCRIPTION	D1/D2	d1	L1	L2/L3	E1	H1	H2
T15(1/2")Electric valve	1/2'	12	68	15	24.5	104	18
T20(3/4")Electric valve	3/4"	15	75	16	31	107	20
T25(1")Electric valve	1"	18	85	17	38.5	114.5	23.5

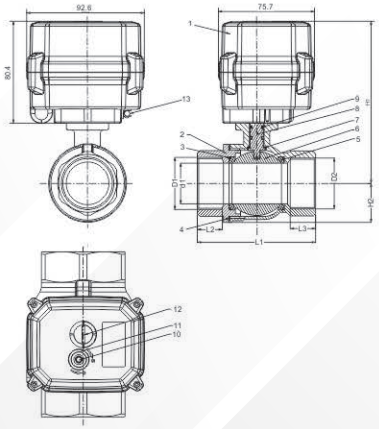
A150-T SERIES 2 WAY SS304 ELECTRIC BALL VALVE

Technical Parameters

VALVE SIZE	NPT/BSP 1 1/4" 1 1/2" 2" OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	SS304 SS316 (Optional)
Actuator material	Engineering Plastics PPO
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃ ~ 50℃
Liquid temperature	2℃ ~ 90℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

T50-S2-B

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Stainless Steel	304	1
3	O-ring	FKM		2
4	Sealing	PTFE		1
5	Sealing	PTFE		2
6	Ball	Stainless Steel	304	1
7	Gasket	PTFE		1
8	Stem	Stainless Steel	304	1
9	O-ring	FKM		2
10	Manual Shaft	Stainless Steel	304	1
11	Oil-seal	NBR		1
12	Indicator	PC		1
13	Hexagon Wrench	Stainless Steel	304	1

DESCRIPTION	D1/D2	d1	L1	L2/L3	E1	H1	H2
T32 Electric valve	1 1/4"	32±1	102±1	23±1	47	122	31
T40 Electric valve	1 1/2"	38±1	115±1	25±1	52	130	36
T50 Electric valve	2"	49±1	130±1	25±1	66	141.4	44.5

VENDOM
INGENIERÍA Y AUTOMATISMOS

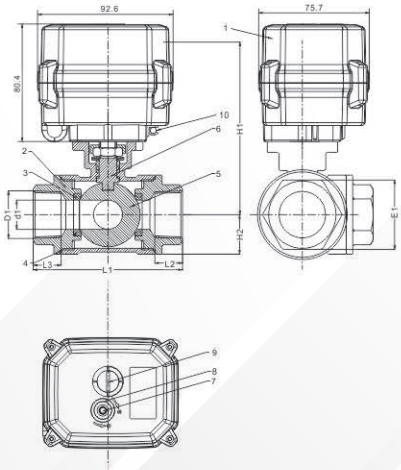
A150-T SERIES 3 WAY SS304 ELECTRIC BALL VALVE

Technical Parameters

VALVE SIZE	NPT/BSP 1/2" 3/4" 1" OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9
Maximum working pressure	1.0Mpa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	SS304 SS316 (Optional)
Actuator material	Engineering Plastics PPO
Sealing material	PTFE
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~60℃
Liquid temperature	2℃~90℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

T25-S3-B

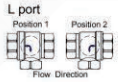
Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Stainless Steel	304	1
3	Sealing	PTFE		4
4	Sealing	PTFE		3
5	Ball	Stainless Steel	304	1
6	Stem	Stainless Steel	304	1
7	Manual Shaft	Stainless Steel	304	1
8	Oil-seal	NBR		1
9	Indicator	PC		1
10	Hexagon Wrench	Stainless Steel	304	1

L port



T port

DESCRIPTION	D1/D2	d1	L1	L2/L3	E1	H1	H2
T15 Electric valve	1/2"	12	68	14	24.5	117	18
T20 Electric valve	3/4"	15	75	15	31	120	20
T25 Electric valve	1"	18	85	15	38.5	127	23.5

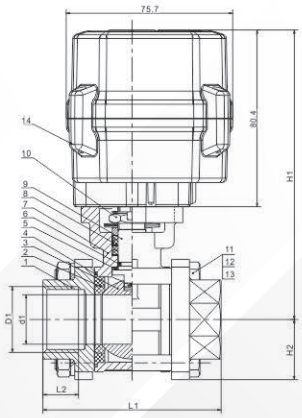
A150-T SERIES 2 WAY 3-PIECES SS304 ELECTRIC BALL VALVE

Technical Parameters

VALVE SIZE	NPT/BSP 1/2" 3/4" 1" 1 1/4" OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9
Maximum working pressure	1.5MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	SS304 SS316 (Optional)
Actuator material	Engineering Plastics PPO
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃ ~ 50℃
Liquid temperature	2℃ ~ 90℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

T25-S2-B

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Bonnet	Stainless Steel	304	2
2	Seat	PTFE		2
3	Ball	Stainless Steel	304	2
4	Gasket	PTFE		1
5	Stem Gasket	PTFE		1
6	O-Ring	FKM		2
7	Body	Stainless Steel	304	1
8	Packing	PTFE		2
9	Stem	Stainless Steel	304	1
10	Packing Gland	Stainless Steel	304	1
11	Bolt	Stainless Steel	304	4
12	Spring Washer	Stainless Steel	304	4
13	Nut	Stainless Steel	304	4
14	Actuator	PPO		1

DESCRIPTION	D1	d1	L1	L2	H1	H2
T15 Electric valve	1/2"	15	70	14	123.4	24
T20 Electric valve	3/4"	20	80	16	127.4	28
T25 Electric valve	1"	25	87	17	136.4	30

VENDOM
INGENIERÍA Y AUTOMATISMOS

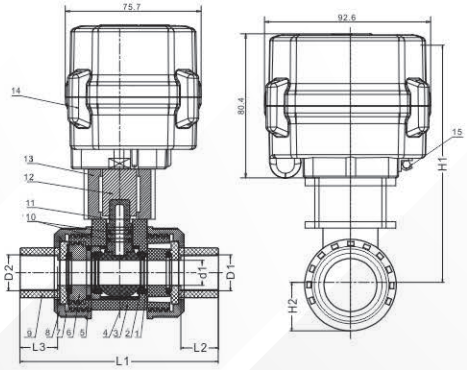
A150-T SERIES 2 WAY PVC ELECTRIC BALL VALVE

Technical Parameters

VALVE SIZE	NPT/BSP/ INSERTING TYPE 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	PVC
Actuator material	Engineering Plastics PPO
Sealing material	EPDM & PTFE
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~55℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

T50-P2-B

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	O-ring	EPDM/VITON		2
2	Sealing	PTFE		2
3	Valve Body	UPVC		1
4	Ball	UPVC		1
5	O-ring	EPDM/VITON		2
6	Bonnet	UPVC		2
7	O-ring	EPDM/VITON		2
8	Gland	UPVC		2
9	Socket	UPVC		2
10	O-ring	EPDM/VITON		2
11	Stem	UPVC		1
12	Coupling	Stainless Steel	304	1
13	Holder	Stainless Steel	304	1
14	Actuator	PPO		1
15	Hexagon Wrench	Stainless Steel	304	1

DESCRIPTION	D1/D2	d1	L1	L2/L3	H1	H2	D1/D2			
T15 Electric valve	1/2"	15	104.8	22.3	136.7	27.5	21.54	20.30	22.4	22.40
T20 Electric valve	3/4"	20	113	25.5	141.2	32	26.87	25.30	26.45	26.40
T25 Electric valve	1"	25	127.2	28.6	156.25	37.25	33.65	32.30	32.55	34.50
T32 Electric valve	1 1/4"	32	142	32	162.4	42.75	42.42	40.30	38.60	42.50
T40 Electric valve	1 1/2"	40	157	35	174	50	48.56	50.30	48.70	48.60
T50 Electric valve	2"	50	171	38	194.4	60	60.63	63.30	60.80	60.60
							ANSI	DIN	JIS	CNS

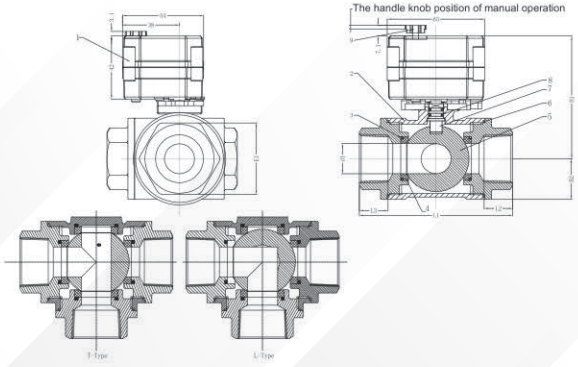
A20-T SERIES 3 WAY SS304 ELECTRIC BALL VALVE

Technical Parameters

VALVE SIZE	NPT/BSP 1/2" OPTIONAL
Maximum working pressure	1.0Mpa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤500mA
Open/close time	≤7S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	SS304 SS316 (Optional)
Actuator material	Engineering Plastics PPO
Sealing material	FKM & PTFE
Actuator rotation	90°
Torque force	3 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual operation	Yes No (Optional)
Open/close indicator	Yes
Protection class	IP67

A20-T

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Stainless Steel	304	1
3	O-ring	FKM		4
4	Sealing	PTFE		4
5	Ball	Stainless Steel	304	1
6	Sealing	PTFE		3
7	Stem	Stainless Steel	304	1
8	O-ring	FKM		2
9	Manual Operation	POM		1

DESCRIPTION	D1/D2	d1	L1	L2/L3	E1	H1	H2
15-S3-B	1/2"	12	69	14	24.5	86.5	18

VENDOM
INGENIERÍA Y AUTOMATISMOS

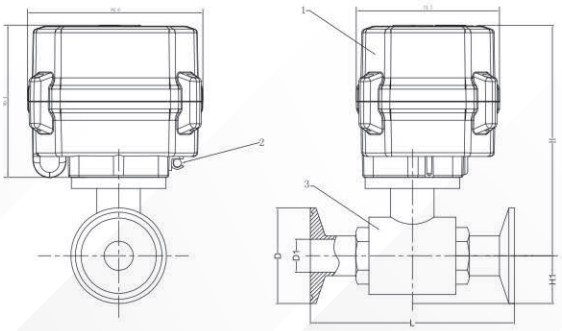
A150-T SERIES 2 WAY SS304 TRI-CLAMP ELECTRIC BALL VALVE

Technical Parameters

VALVE SIZE	19 25 32 OPTIONAL
Connection standarc	ISO5211 F03、F05
Output axis specificatior	11*11 9*9
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	SS304 SS316
Actuator material	Engineering Plastics PPO
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~55℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

A150-T

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Hexagon Wrench	303		1
3	Bonnet	304		1

DESCRIPTION	D	D1	L	H1	H2	D1/D2			
32-S2-B	50.5	28.5	120	129	25.25				
25-S2-B	50.5	22	119	127.5	25.25				
19-S2-B	50.5	15.15	99	121	25.25				
						ANSI	DIN	JIS	CNS

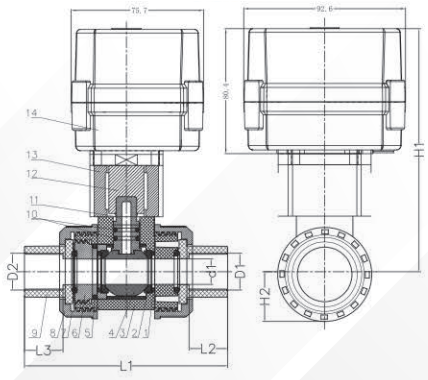
A150-T SERIES 2 WAY PVC MODULATING ELECTRIC BALL VALVE

Technical Parameters

VALVE SIZE	NPT/BSP 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9 (Optional)
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12-24V
Input signal	4-20mA 0-5V 0-10V (Optional)
Output signal	4-20mA
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	PVC UPVC (Optional)
Actuator material	Engineering Plastics PPO
Sealing material	FKM & PTFE
Control position	50-56 positions
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

A150-T

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	O-ring	EPDM/VITON		2
2	Sealing	PTFE		2
3	Valve Body	UPVC		1
4	Ball	UPVC		1
5	O-ring	EPDM/VITON		2
6	Bonnet	UPVC		2
7	O-ring	EPDM/VITON		2
8	Gland	UPVC		2
9	Socket	UPVC		2
10	O-ring	EPDM/VITON		2
11	Stem	UPVC		1
12	Coupling	Stainless Steel	304	1
13	Holder	Stainless Steel	304	1
14	Actuator	PPO		1
15	Hexagon Wrench	Stainless Steel	304	1

DESCRIPTION	D1/D2	d1	L1	L2/L3	H1	H2	D1/D2			
T15 Electric valve	1/2"	15	104.8	22.3	136.7	27.5	21.54	20.30	22.4	22.40
T20 Electric valve	3/4"	20	113	25.5	141.2	32	26.87	25.30	26.45	26.40
T25 Electric valve	1"	25	127.2	28.6	156.25	37.25	33.65	32.30	32.55	34.50
T32 Electric valve	1 1/4"	32	142	32	162.4	42.75	42.42	40.30	38.60	42.50
T40 Electric valve	1 1/2"	40	157	35	174	50	48.56	50.30	48.70	48.60
T50 Electric valve	2"	50	171	38	194.4	60	60.63	63.30	60.80	60.60
							ANSI	DIN	JIS	CNS

VENDOM
INGENIERÍA Y AUTOMATISMOS

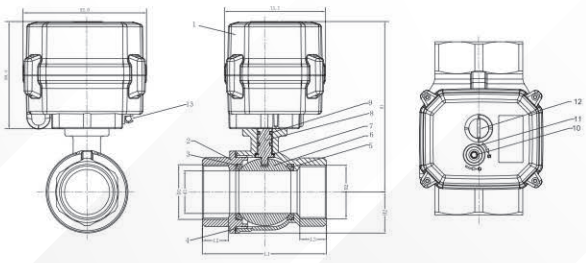
A150-T SERIES 2 WAY SS304 MODULATING ELECTRIC BALL VALVE

Technical Parameters

VALVE SIZE	1 1/4" 1 1/2" 2" OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9 (Optional)
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12-24V
Input signal	4-20mA 0-5V 0-10V (Optional)
Output signa	4-20mA
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	SS304 SS316 (Optional)
Actuator material	Engineering Plastics PPO
Sealing material	FKM & PTFE
Control position	50-56 positions
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~90℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

A150-T

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Body & Cover	Stainless Steel	304	1
3	O-ring	FKM		2
4	Sealing	PTFE		1
5	Sealing	PTFE		2
6	Ball	Stainless Steel	304	1
7	Gasket	PTFE		1
8	Stem	Stainless Steel	304	1
9	O-ring	FKM		2
10	Manual Shaft	Stainless Steel	304	1
11	Oil-seal	NBR		1
12	Indicator	PC		1
13	Hexagon Wrench	Stainless Steel	304	1

DESCRIPTION	D1/D2	d1	L1	L2/L3	E1	H1	H2
T32 Electric valve	1 1/4"	32±1	102±1	23±1	47	122	31
T40 Electric valve	1 1/2"	38±1	115±1	25±1	52	130	36
T50 Electric valve	2"	49±1	130±1	25±1	66	141.4	44.5

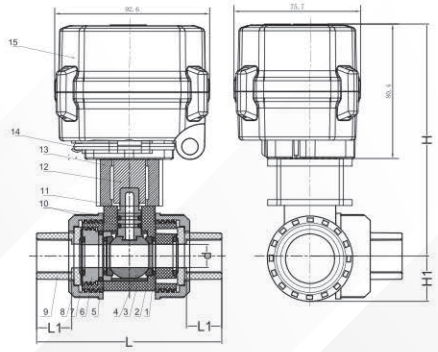
A150-T SERIES 3 WAY PVC ELECTRIC BALL VALVE

Technical Parameters

VALVE SIZE	NPT/BSP/ INSERTING TYPE 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	PVC
Actuator material	Engineering Plastics PPO
Sealing material	EPDM & PTFE
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~55℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

A150-T

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	O-ring	EPDM		4
2	Sealing	PTFE		4
3	Valve Body	PVC		1
4	Ball	CPVC		1
5	O-ring	EPDM		3
6	Bonnet	PVC		3
7	O-ring	EPDM		3
8	Gland	PVC		3
9	Socket	PVC		3
10	O-ring	EPDM		2
11	Stem	CPVC		1
12	Coupling	Stainless Steel	304	1
13	Holder	PA		1
14	Hexagon Wrench	Stainless Steel	304	1
15	Actuator	PPO		1

DESCRIPTION	d	L	L1	H	H1
T15(1/2") Electric valve	14	137	22	133.4	30
T20 (3/4") Electric valve	22	172	24.5	145.4	38.5
T25 (1") Electric valve	25	200	28	148.4	46
T32 (1 1/4") Electric valve	25	208	32	148.4	46
T40 (1 1/2") Electric valve	38	240	35	172.4	65
T50 (2") Electric valve	38	246	38	172.4	65

VENDOM
INGENIERÍA Y AUTOMATISMOS

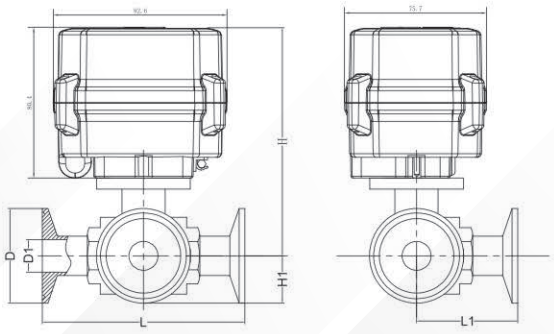
A150-T SERIES 3 WAY TRI-CLAMP ELECTRIC VALVE

Technical Parameters

VALVE SIZE	19 25 32 OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	SS304 SS316
Actuator material	Engineering Plastics PPO
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~55℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

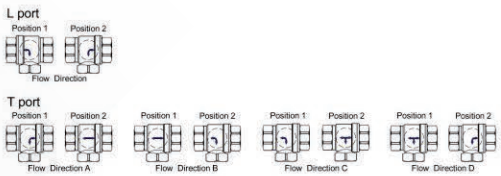
A150-T

Assemble Diagram



Components

No.	Name	Material	Specification	Quantity
1	Actuator	PPO		1
2	Hexagon Wrench	303		1
3	Bonnet	304		1



DESCRIPTION	D	D1	L	L1	H	H1	D1/D2			
19-S2-B	50.5	15.5	108	55.5	121.9	25.25				
25-S2-B	50.5	21.8	126	61.5	128.4	25.25				
32-S2-B	50.5	28.28	136	67.5	129.9	28				
							ANSI	DIN	JIS	CNS

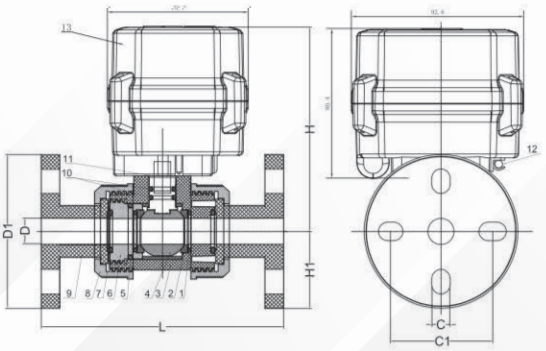
A150-T SERIES UPVC ELECTRIC FLANGE VALVE

Technical Parameters

VALVE SIZE	DN15 DN20 DN25 DN32 DN40 DN50 OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	UPVC
Actuator material	Engineering Plastics PPO
Sealing material	EPDM/VITON
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~55℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

A150-T

Assemble Diagram



Components

No.	Name	Material	Quantity
1	O-ring	EPDM/VITON	2
2	Sealing	PTFE	2
3	Valve Body	UPVC	1
4	Ball	UPVC	1
5	O-ring	EPDM/VITON	2
6	Bonnet	UPVC	2
7	O-ring	EPDM/VITON	2
8	Gland	UPVC	2
9	Socket	UPVC	2
10	O-ring	EPDM/VITON	2
11	Stem	UPVC+ Stainless Steel	1
12	Hexagon Wrench	Stainless Steel	1
13	Actuator	PPO	1

DESCRIPTION	D	D1	L	C	C1	H	H1
15-P2-B	15	95	146	14	64	47	116
20-P2-B	20	104	163	14	71	52	124
25-P2-B	25	118	182	16	83	59	129
32-P2-B	32	139	194	16	93	69.5	138
40-P2-B	40	149	212	18	102	74.5	144.5
50-P2-B	50	164	241	18	122	82	156.5

VENDOM
INGENIERÍA Y AUTOMATISMOS

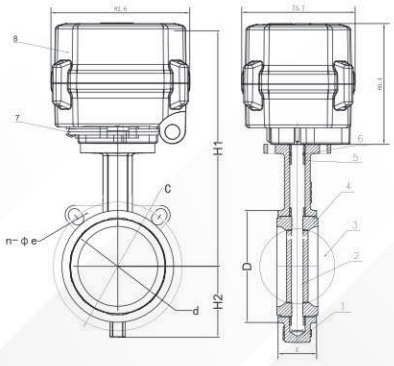
A150-T SERIES SS304 ELECTRIC BUTTERFLY VALVE

Technical Parameters

VALVE SIZE	DN25 DN32 DN40 DN50 DN65 OPTIONAL
Connection standard	ISO5211 F03、F05
Output axis specification	11*11 9*9
Maximum working pressure	1.0MPa
Circulation medium	Fluid, air
Rated voltage	DC12V DC24V AC24V DC12-24V AC110-230V (Optional)
Wiring diagram	CR201 CR202 CR301 CR303 CR306 CR501 CR502 CR702 CR703 CR706 (Optional)
Working current	≤1.5A
Open/close time	≤12S
Life time	70000 times (testing pressure is 0.4MPa, medium is water)
Valve body material	SS304 SS316
Actuator material	Engineering Plastics PPO
Sealing material	EPDM
Actuator rotation	90°
Torque force	15 N.m
Cable Length	0.5m ,1.5m (Optional)
Environment temperature	-15℃~50℃
Liquid temperature	2℃~55℃
Manual operation	Yes
Open/close indicator	Yes
Protection class	IP67

A150-T

Assemble Diagram



Components

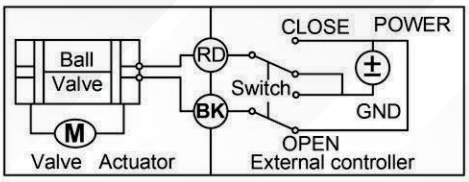
No.	Name	Material	Specification	Quantity
1	Valve Body	304	304	1
2	Seat	EPDM		1
3	Valve Plate	Stainless Steel	304	1
4	Valve Shaft	416		1
5	Shaft Sleeve	EPDM		2
6	O-ring	EPDM		1
7	Hexagon Wrench	Stainless Steel	304	1
8	Actuator	PPO		1

DESCRIPTION	d	D	L	C	n-φe	H2	H1
25/32-SD-B	38	72	31.5	101.5	2-18	49.8	159.4
40/50-SD-B	53	87	41	114.5	4-18	65	209.4
65-SD-B	65	100	44	138	4-24	85	215.4

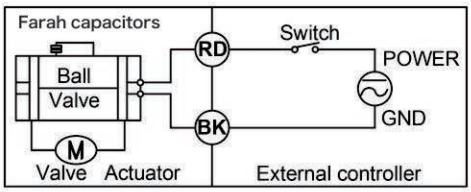
WIRING DIAGRAM

CR201 WIRING DIAGRAM 2 WIRES CONTROL

·RD connect with positive, the BK connect with negative, the valve closed, the actuator automatically power off after in place , the valve remains fully closed position
·BK connect with positive, the RD connect with negative, the valve open, the actuator automatically power off after in place, the valve remains fully open position
- Suitable Working Voltage: DC5V,DC12V,DC24V
- Exceeding the working voltage is forbidden



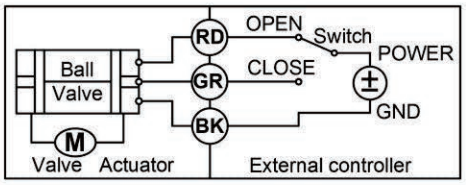
CR202 WIRING DIAGRAM 2 WIRES CONTROL- CAPACITORS RETURN IN CASE OF THE POWER IS FAILURE



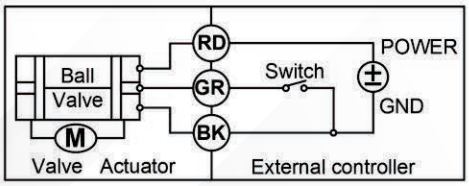
·When SW is closed , the valve OPEN. the actuator automatically power off after in place
·When SW is open, the valve CLOSED, the actuator automatically power off after in place
- Suitable Working Voltage: AC/DC9-24V AC110-230V
- Exceeding the working voltage is forbidden

CR301 WIRING DIAGRAM 3 WIRES CONTROL

·RD & GR connect with positive, BK connect with negative
·When OPEN(RD) & SW connected , the valve OPEN, the actuator automatically power off after in place , valve remains fully open position
·When CLOSE(GR) & SW connected, the valve CLOSED, the actuator automatically power off after in place, valve remains fully closed position
- Suitable Working Voltage: DC5V,DC12V,DC24V,AC/DC9-24V
- Exceeding the working voltage is forbidden



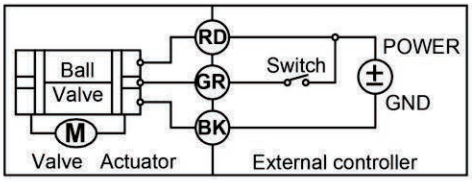
CR302 WIRING DIAGRAM 3 WIRES CONTROL



·RD connect with positive, the BK & GR connect with negative
·SW CLOSED, the valve OPEN, the actuator automatically power off after in place
·SW OPEN, the valve CLOSED, the actuator automatically power off after in place
- Suitable Working Voltage: DC9-24V
- Exceeding the working voltage is forbidden

CR303 WIRING DIAGRAM 3 WIRES CONTROL

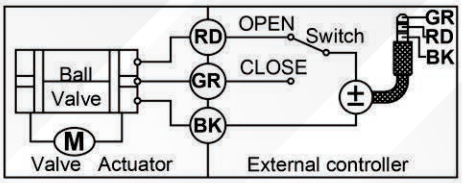
·RD& GR connect with positive, the BK connect with negative
·SW CLOSED, the valve OPEN, the actuator automatically power off after in place
·SW OPEN, the valve CLOSED, the actuator automatically power off after in place
- Suitable Working Voltage: AC/DC9-24V,AC110-230V
- Exceeding the working voltage is forbidden



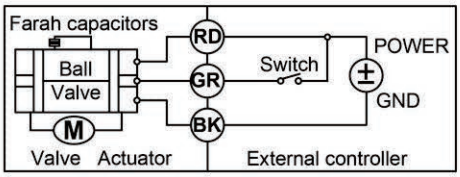
VENDOM
INGENIERÍA Y AUTOMATISMOS

CR304 WIRING DIAGRAM 3 WIRES CONTROL

·RD & GR connected with positive, and the BK connected with negative
·When RD & SW connected, the valve closed, the actuator automatically power off after in place , remains fully closed position
·When GR & SW connected, the valve open, the actuator automatically power off after in place , remains fully open position
- Suitable Working Voltage: DC5V,DC12V, DC9-24V
- Exceeding the working voltage is forbidden



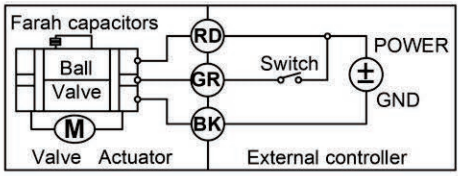
CR305 WIRING DIAGRAM 3 WIRES CONTROL CAPACITORS RETURN INCASE OF THE POWER IS FAILURE



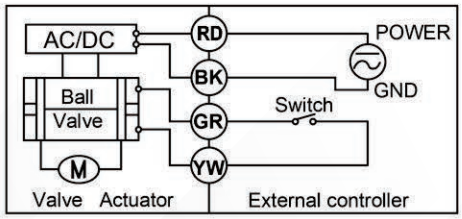
·RD& GR connect with positive, the BK connect with negative
·SW CLOSED, the valve OPEN, the actuator automatically power off after in place
·SW OPEN, the valve CLOSED, the actuator automatically power off after in place
When external power off, the valve CLOSED, the actuator automatically power off after in place
- Suitable Working Voltage: AC/DC9-24V,AC110-230V
- Exceeding the working voltage is forbidden

CR306 WIRING DIAGRAM 3 WIRES CONTROL CAPACITORS RETURN IN CASE OF THE POWER IS FAILURE

·RD& GR connect with positive, the BK connect with negative
·SW CLOSED, the valve OPEN, the actuator automatically power off after in place
·SW OPEN, the valve CLOSED, the actuator automatically power off after in place
When external power off, the valve OPEN, the actuator automatically power off after in place
- Suitable Working Voltage: AC/DC9-24V,AC110-230V
- Exceeding the working voltage is forbidden



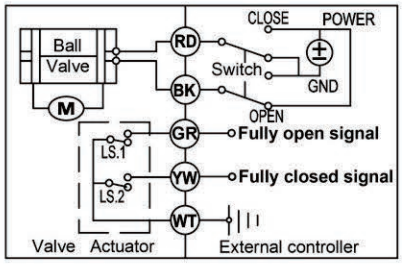
CR401 WIRING DIAGRAM 4 WIRES CONTROL



.RD & BK are connected to the power, GR & YW are connected to the controlled wiring
.When the SW is closed , the valve open
.When the SW is OPEN , the valve CLOSED Suitable Working Voltage:AC/DC110V-230V
Exceeding the working voltage is forbidden
The control wiring with power DC5V , when muitiple motorized valves are working in paralled , must put the same color control wiring together, otherwise the valve could working normally

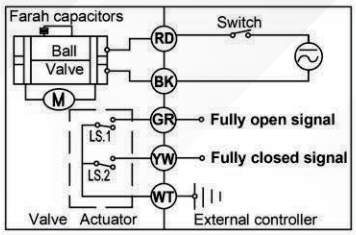
CR501 WIRING DIAGRAM 5 WIRES CONTROL WITH FEEDBACK SIGNAL

.RD connect with positive, the BK connect with negative, the valve closed, the actuator automatically power off after in place
.BK connect with positive, the RD connect with negative, the valve open, the actuator automatically power off after in place
.GR & WT connect with the valve's fully open signal wiring
.YW & WT connect with the valve's fully closed signal wiring
Suitable Working Voltage:DC5V,DC12V,DC24V
Exceeding the working voltage is forbidden

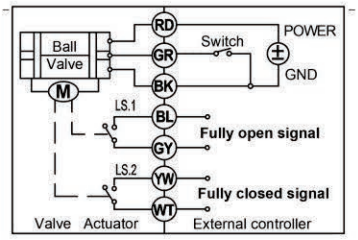


CR502 WIRING DIAGRAM 5 WIRES CONTROL-CAPACITORS RETURN IN CASE OF THE POWER IS FAILURE AND FEEDBACK SIGNAL

·When SW is closed , the valve OPEN. the actuator automatically power off after in place
·When SW is open, the valve CLOSED, the actuator automatically power off after in place
.GR & WT connect with the valve's fully open signal wiring
.YW & WT connect with the valve's fully closed signal wiring
- Suitable Working Voltage: AC/DC9-24V, AC/DC110V-230V
- Exceeding the working voltage is forbidden



CR701 WIRING DIAGRAM 7 WIRES CONTROL WITH FEEDBACK SIGNAL



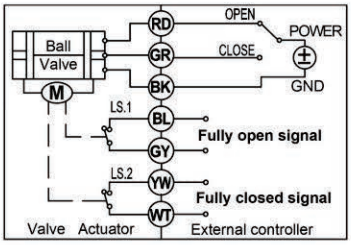
.RD connect with positive
.GR connect with SW and negative wiring
.BK connect with negative wiring
.When SW close. the valve OPEN, and keeping fully open
.When SW open. the valve CLOSED, and keeping fully closed
.BL & GY connect with the valve's fully open signal wiring
.YW & WT connect with the valve's fully closed signal wiring
- Suitable Working Voltage: DC9-24V
- Exceeding the working voltage is forbidden
- Feedback with load ability:

① The Max. off voltage: DC36V AC220V
② The Max. off current: ≤0.4A

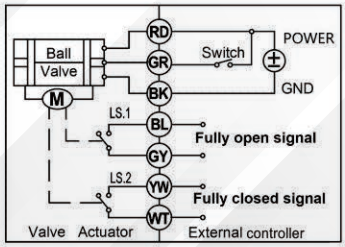
CR702 WIRING DIAGRAM 7 WIRES CONTROL WITH FEEDBACK SIGNAL

.RD & GR connect with positive, the BK connect with negative
.When RD & SW connected, the valve OPEN, the actuator automatically power off after the valve fully open
. When GR & SW connected, the valve CLOSED, the actuator automatically power off after the valve fully closed
.BL & GY connect with the valve's fully open signal wiring
.YW & WT connect with the valve's fully closed signal wiring
- Suitable Working Voltage: DC5V,DC12V,DC24V
- Exceeding the working voltage is forbidden
- Feedback with load ability:

① The Max. off voltage: DC36V AC220V
② The Max. off current: ≤0.4A



CR703 WIRING DIAGRAM 7 WIRES CONTROL WITH FEEDBACK SIGNAL

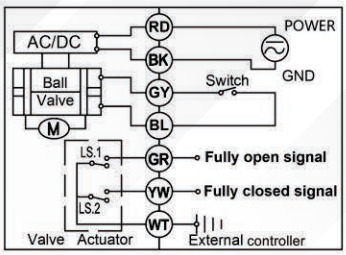


·RD& GR connect with positive, the BK connect with negative
·SW CLOSED, the valve OPEN, the actuator automatically power off after in place
·SW OPEN, the valve CLOSED, the actuator automatically power off after in place
·BL & GY connect with the valve's fully open signal wiring
·YW & WT connect with the valve's fully closed signal wiring
- Suitable Working Voltage: AC/DC9-24V,AC110-230V
- Exceeding the working voltage is forbidden

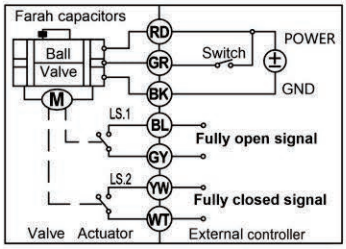
VENDOM
INGENIERÍA Y AUTOMATISMOS

CR704 WIRING DIAGRAM 7 WIRES CONTROL WITH FEEDBACK SIGNAL

·RD & BK are connected to the power, BL & GY are connected to the controlled wiring
·When the SW is closed , the valve open
·When the SW is open , the valve closed
·GR & WT connect with the valve's fully OPEN signal wiring
·YW & WT connect with the valve's fully CLOSED signal wiring
Suitable Working Voltage: AC/DC110V-230V
Exceeding the working voltage is forbidden



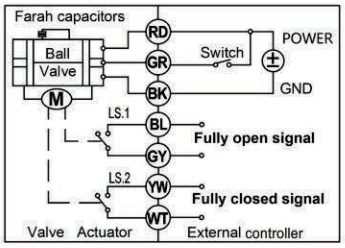
CR705 WIRING DIAGRAM 7 WIRES CONTROL-CAPACITORS RETURN IN CASE OF THE POWER IS FAILURE WITH FEEDBACK SIGNAL



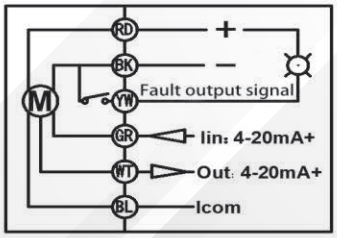
·RD& GR connect with positive, the BK connect with negative
·SW CLOSED, the valve OPEN, the actuator automatically power off after in place
·SW OPEN, the valve CLOSED, the actuator automatically power off after in place
·When external power off, the valve **closed** , the actuator automatically power off after in place
·BL& GY connect with the valve's fully open signal wiring
·YW & WT connect with the valve's fully closed signal wiring
• Suitable Working Voltage: AC/DC9-24V,AC110-230V
• Exceeding the working voltage is forbidden

CR706 WIRING DIAGRAM 7 WIRES CONTROL-CAPACITORS RETURN IN CASE OF THE POWER IS FAILURE AND FEEDBACK SIGNAL

·RD& GR connect with positive, the BK connect with negative
·SW CLOSED, the valve OPEN, the actuator automatically power off after in place
·SW OPEN, the valve CLOSED, the actuator automatically power off after in place
·When external power off, the valve **open** , the actuator automatically power off after in place
·BL& GY connect with the valve's fully open signal wiring
·YW & WT connect with the valve's fully closed signal wiring
• Suitable Working Voltage: AC/DC9-24V,AC110-230V
• Exceeding the working voltage is forbidden



A150 SERIES MODULATING VALVE WIRE DIAGRAM



2, 4-20mA/0-10V/0-5V

3, 4-20mA
1, RD connect +, BK-.
2,GR connect output signal +(4-20mA, 0-5V, 0-10V) ,BL connect input signal-.
3,YW connect err output signal.YW & RD are disconnected when there is err.
WT connect 4-20mA output .