

Electric Control 1 PCS BALL VALVE

KE-1P Screw Type



① MOTOR MODEL

KE11	AC 110V
KE22	AC 220V
KE24	DC 24V

② MOTOR SIZE

002	002
004	004
005	005
006	006
008	008

③ MOTOR OPTION

SIGN		APPLICABLE MODELS
0	Standard : on/off	All Models
1	PCU : Proportional Control Unit (In/out : 4-20mA)	over 005

④ VALVE TYPE

10	1PCS
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⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
A	SUS 304	SUS 304	PTFE	-

⑥ VALVE CONNECTION

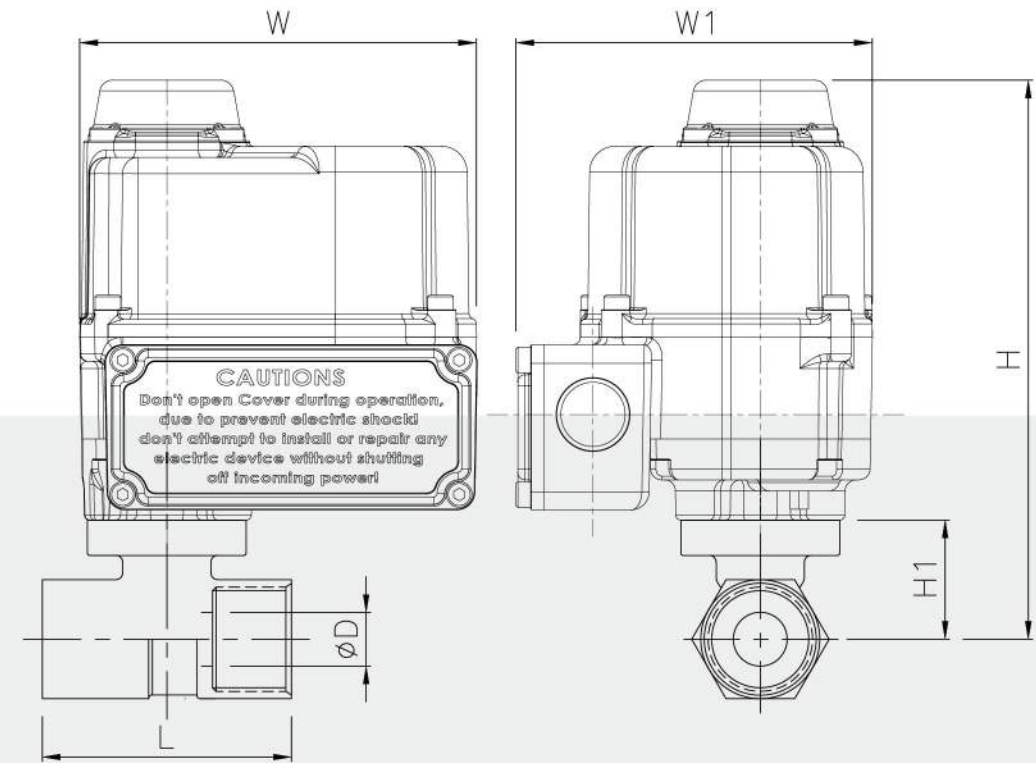
P	PT Screw
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⑦ VALVE OPTION

S	Standard
O	Oil Free
E	EP Treatment
D	Oil Free + EP Treatment

⑧ VALVE SIZE

10A	32A
15A	40A
20A	50A
25A	



※The above drawing is for reference and may change product function and improvement without notice.

FEATURE

- Indication attached on the above part of motor: Easy check for Valve operation
- Possible manual operation on emergency
- Limit switch interlock type : All automatic stopper action except power consumption radish
- Strong SCS 13 (SUS 304) Bodies that corrosion strong resistance
- Oil free: EP function, stopper bolt installation available
- Easy Pinning for Maintenance, disassembling and assembly
- Three type Motor(Confirming of wire)

MAIN CLIENTS

- Automation facilities, Sauna/Swimming pool facility, Water treatment facility

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas
PRESSURE	Max 10kg/cm ² (basic) / Max 20kg/cm ² (Requirement)
TEMPERATURE	0-80℃(basic)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

MEASUREMENT

MOTOR SIZE	SIZE		ØD	L	H	H1	W	W1
	MM	INCH						
KE-002	10A	3/8"	7.7	45	128.2	24	105	73
KE-002	15A	1/2"	9.2	50	130.2	26	105	73
KE-002	20A	3/4"	12.5	60	136.2	32	105	73
KE-002	25A	1"	15	73	139.2	35	105	73
KE-002	32A	1-1/4"	20	78	142.2	38	105	73
KE-004	40A	1-1/2"	25	90	161.8	42	108.2	97
KE-004	50A	2"	32	100	169.8	50	108.2	97

Electric Control 2 PCS BALL VALVE

KE-2P Screw Type



① MOTOR MODEL

KE11	AC 110V
KE22	AC 220V
KE24	DC 24V

② MOTOR SIZE

002	002
004	004
005	005
006	006
008	008

③ MOTOR OPTION

SIGN		APPLICABLE MODELS
0	Standard : on/off	All Models
1	PCU : Proportional Control Unit (In/out : 4~20mA)	over 005

④ VALVE TYPE

20	2PSC
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⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
A	SUS 304	SUS 304	RTFE	VITON
B	SUS 304	SUS 304	RTFE	FFKM

⑥ VALVE CONNECTION

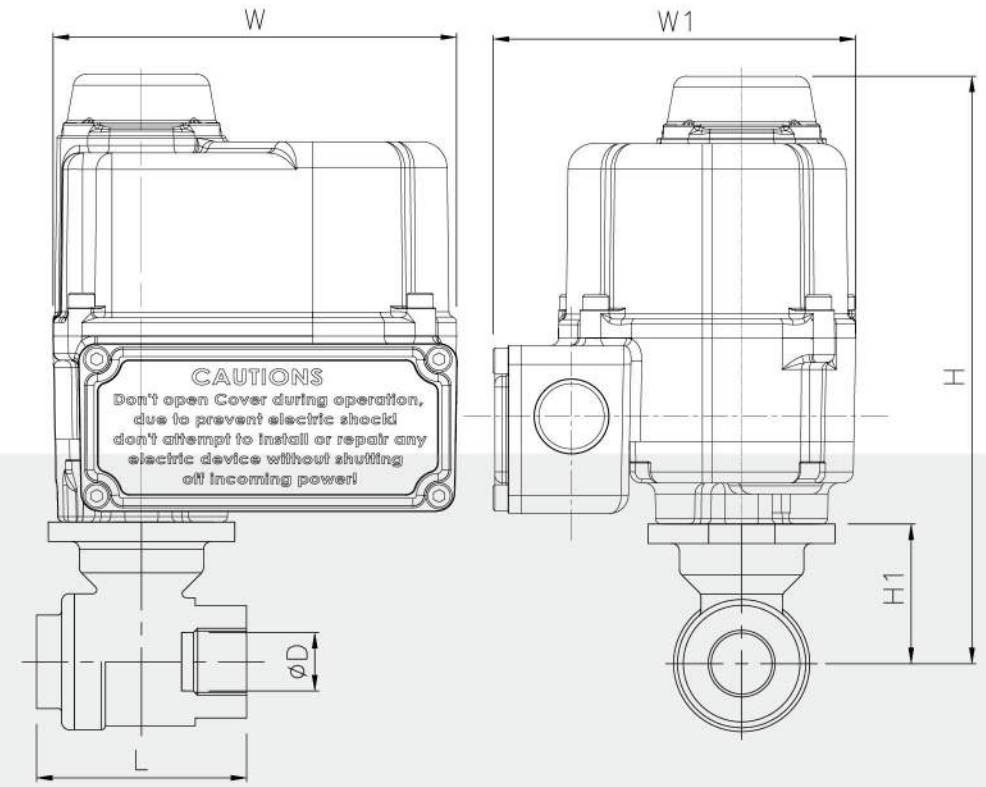
P	PT Screw
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⑦ VALVE OPTION

S	Standard
O	Oil Free
E	EP Treatment
D	Oil Free + EP Treatment

⑧ VALVE SIZE

8A	25A
10A	32A
15A	40A
20A	50A



※The above drawing is for reference and may change product function and improvement without notice.

FEATURE

- Information attached on the above part of motor: Easy check for Valve operation
- Possible manual operation on emergency
- Limit switch in type : All automatic stop action except power consumption radish
- Strong SCS 13 (SUS 304) Bodies that corrosion strong resistance
- Oil free: EP function, proper bolt installation available
- Easy for Maintenance, dissolution and assembly
- Three type Motor (Confirmation of wire)
- Full Bore Type (External and Internal same) (Refer to drawing)

MAIN CLIENTS

- Automation facilities, Sauna/Swimming pool facility, Water treatment facility

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas
PRESSURE	Max 10kg/cm ² (basic)
TEMPERATURE	0~150℃(basic)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

MEASUREMENT

MOTOR SIZE	SIZE		ØD	L	H	H1	W	W1
	MM	INCH						
KE-002	8A	1/4"	11.5	65.3	185.9	81.7	105	7.3
KE-002	10A	3/8"	12.5	65.3	185.9	81.7	105	7.3
KE-002	15A	1/2"	15	65.3	185.9	81.7	105	7.3
KE-002	20A	3/4"	20	77.3	202.2	98	105	7.3
KE-004	25A	1"	25	88.7	226.8	107	108.2	9.7
KE-004	32A	1-1/4"	32	102.4	231.8	112	108.2	9.7
KE-004	40A	1-1/2"	38	109	255	135.2	108.2	9.7
KE-006	50A	2"	50	125.3	298.7	143.2	125.3	12.3

Electric Control 3 PCS BALL VALVE

KE-3P

Screw / Socket Welding Type



① MOTOR MODEL

KE11	AC 110V
KE22	AC 220V
KE24	DC 24V

② MOTOR SIZE

002	002
004	004
005	005
006	006
008	008

③ MOTOR OPTION

SIGN		APPLICABLE MODELS
0	Standard : on/off	All Models
1	PCU : Proportional Control Unit (In/out : 4~20mA)	over 005

④ VALVE TYPE

30	3PCS
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⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
A	SUS 304	SUS 304	PTFE	VITON
B	SUS 304	SUS 304	PTFE	FFKM
C	SUS 304	SUS 304	RTFE	VITON
D	SUS 304	SUS 304	RTFE	FFKM
E	SUS 316	SUS 316	PTFE	VITON
F	SUS 316	SUS 316	PTFE	FFKM
G	SUS 316	SUS 316	RTFE	VITON
H	SUS 316	SUS 316	RTFE	FFKM

⑥ VALVE CONNECTION

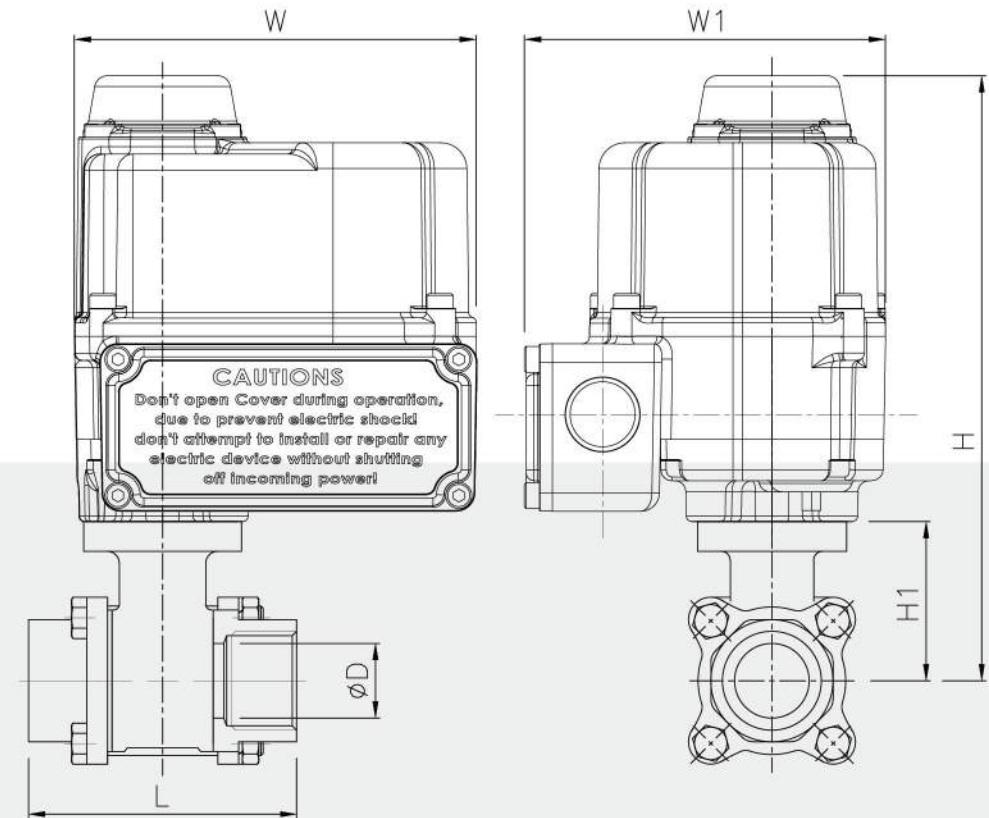
P	PT Screw
W	Socket Welding

⑦ VALVE OPTION

S	Standard
O	Oil Free
E	EP Treatment
D	Oil Free + EP Treatment

⑧ VALVE SIZE

8A	25A
10A	32A
15A	40A
20A	50A



※The above drawing is for reference and may change product function and improvement without notice.

FEATURE

- 3PCS Type: Easy dissolution and assembly for Pipe, Maintenance
- Packing/Packing Teflon of strong durability and corrosion resistance(PTFE)
- Possible to use pressure up to 140kg/cm²(Requirement)
- Limit switch internal type : No power use except operation
- Possible manual operation on emergency(Except ITQ 0020).
- Indicator attached Type: Easy use of Valve operation(Open/Close)
- Three Type Motor(Confirmation of Wire)
- Full Bore Type (External and internal same) (Refer to drawing)

MAIN CLIENTS

- Plant, Automatic facility, Water treatment facility

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas
PRESSURE	Max 10kg/cm ² (basic) / Max 20kg/cm ² (Requirement)
TEMPERATURE	0~80℃(basic) / 0~180℃(Requirement)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

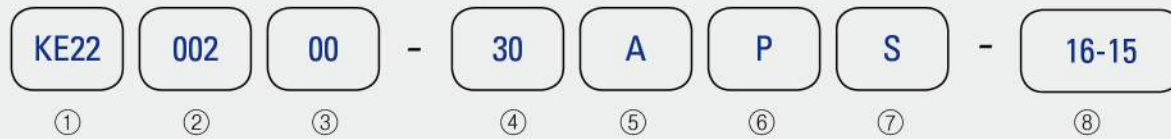
MEASUREMENT

MOTOR SIZE	SIZE		ØD	L	H	H1	W	W1
	MM	INCH						
KE-002	8A	1/4"	11.5	63.5	141.2	37	105	73
KE-002	10A	3/8"	12.5	63.5	141.2	37	105	73
KE-002	15A	1/2"	15	75	141.2	37	105	73
KE-004	20A	3/4"	20	80	163.3	43.5	108.2	97
KE-004	25A	1"	25	90	173.3	53.5	108.2	97
KE-006	32A	1-1/4"	32	110	214.5	59	125.3	122.3
KE-008	40A	1-1/2"	38	120	222	66.5	125.3	122.3
KE-008	50A	2"	50	140	230.5	75	125.3	122.3

Electric Control 3 PCS BALL VALVE

KE-3P-NW

Norminal Width Type



① MOTOR MODEL

KE11	AC 110V
KE22	AC 220V
KE24	DC 24V

② MOTOR SIZE

002	002
004	004
005	005
006	006
008	008

③ MOTOR OPTION

SIGN		APPLICABLE MODELS
00	Standard : on/off	All Models
01	PCU : Proportional Control Unit (In/out : 4-20mA)	over 005

④ VALVE TYPE

30	3PCS
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⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
A	SUS 316	SUS 316	PTFE	VITON
B	SUS 316	SUS 316	PTFE	FFKM
C	SUS 316	SUS 316	RTFE	VITON
D	SUS 316	SUS 316	RTFE	FFKM

⑥ VALVE CONNECTION

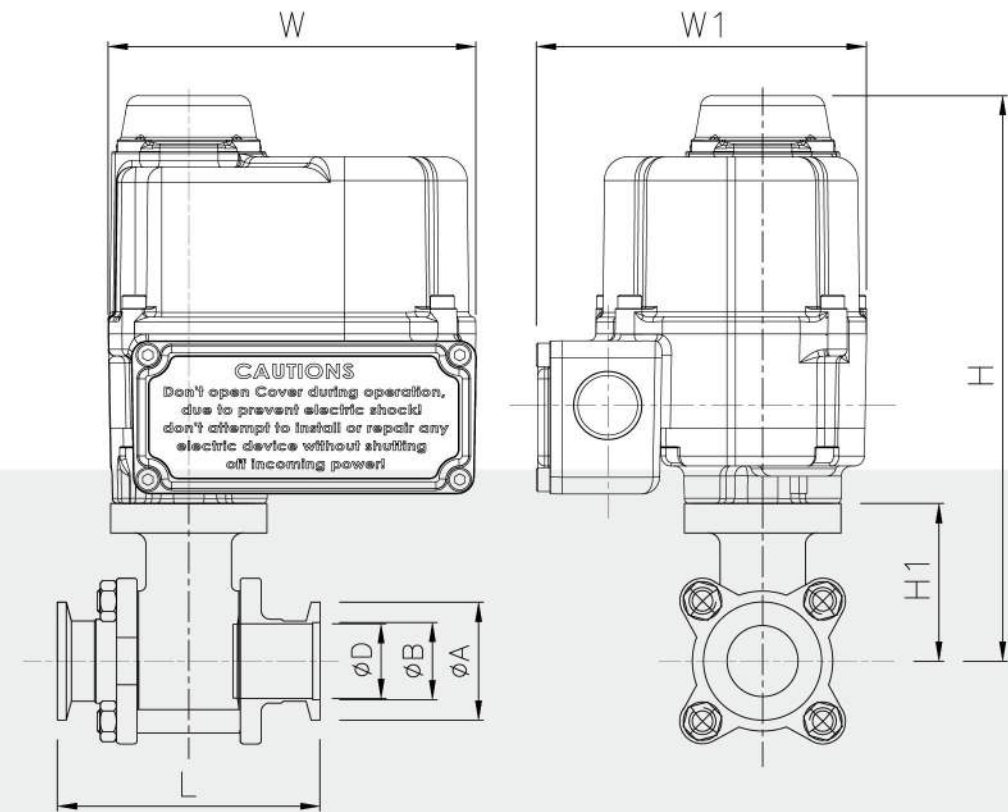
N	Normal Width
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⑦ VALVE OPTION

S	Standard
O	Oil Free
E	EP Treatment
D	Oil Free + EP Treatment

⑧ VALVE SIZE

16-15	50-50
25-25	
40-40	
50-40	



※The above drawing is for reference and may change product function and improvement without notice.

FEATURE

- 3PCS Type: Easy dissolution and assembly for Pipe, Maintenance
- Packing/Seal: Teflon of strong durability and corrosion resistance(PTFE)
- Possible use pressure 140kg/cm²(Requirement)
- Limit switch in normal type : No power use except operation
- Possible manual operation on emergency(Except ITQ 0020).
- Indirectly Latched Type: Easy use of Valve operation(Open/Close)
- Three type Motor(Confirmation wiring)
- Full Bore Type (Same nominal of pipe size) (Confirmation Drawing)

MAIN CLIENTS

- Plant, Automatic facility, Water treatment facility

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas, Steam
PRESSURE	Max 10kg/cm ² (basic) / Max 20kg/cm ² (Requirement)
TEMPERATURE	0-80℃(basic) / 0-180℃(Requirement)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

MEASUREMENT

MOTOR SIZE	SIZE		ØD	ØA	ØB	L	H	H1	W	W1
	MM	NW								
KE-002	15A	16	15	30	17.2	73	141.2	37	105	73
KE-004	25A	25	25	40	26.2	89	173.3	53.5	108.2	97
KE-006	40A	40	38	55	41.2	112	222	66.5	125.3	122.3
KE-006	40A	50	38	75	52.2	112	222	66.5	125.3	122.3
KE-008	50A	50	50	75	52.2	150	230.5	75	125.3	122.3

Electric Control 3 BALL VALVE

KE-3P-FR Ferrule Type



① MOTOR MODEL

KE11	AC 110V
KE22	AC 220V
KE24	DC 24V

② MOTOR SIZE

002	002
004	004
005	005
006	006
008	008

③ MOTOR OPTION

SIGN		APPLICABLE MODELS
0	Standard : on/off	All Models
1	PCU : Proportional Control Unit (In/out : 4~20mA)	over 005

④ VALVE TYPE

30	3PCS
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⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
A	SUS 316	SUS 316	PTFE	VITON
B	SUS 316	SUS 316	PTFE	FFKM
C	SUS 316	SUS 316	RTFE	VITON
D	SUS 316	SUS 316	RTFE	FFKM

⑥ VALVE CONNECTION

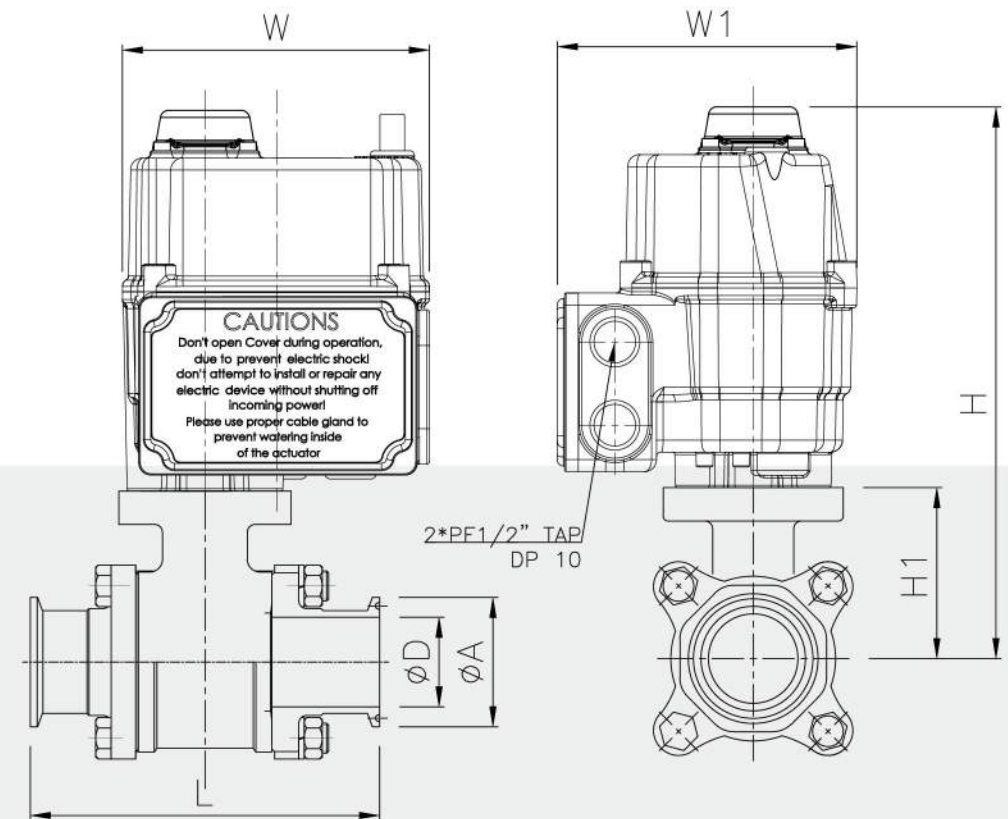
L	Ferrule
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⑦ VALVE OPTION

S	Standard
O	Oil Free
E	EP Treatment
D	Oil Free + EP Treatment

⑧ VALVE SIZE

0.5S	2S
0.75S	2.5S
1S	3S
1.5S	4S



※The above drawing is for reference and may change product function and improvement without notice.

FEATURE

- Ferrule Type: Easy dissolution and assembly for Pipe, Maintenance
- Packing/Seal: Teflon of strong durability and corrosion resistance(PTFE)
- Possible to 140kg/cm²(Requirement)
- Limit switch internal type : No power except operation
- Possible manual operation on emergency
- Indicator attached Type: Easy use of Valve operation (Open/Close)
- Full Bore Type (Same inner diameter of pipe size) (Confirmation Drawing)

MAIN CLIENTS

- Pharmaceuticals, food, Automatic facility, Testing equipment

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas, Food, Medications
PRESSURE	Max 10kg/cm ² (basic) / Max 20kg/cm ² (Requirement)
TEMPERATURE	0~80℃(basic) / 0~180℃(Requirement)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

MEASUREMENT

MOTOR SIZE	SIZE		ØD	ØA	L	H	H1	W	W1
	MM	S							
KE-002	15A	0.5	9.7	25.4	71	141.2	37	105	73
KE-004	20A	0.75	15.8	25.4	98	156.8	37	108.2	97
KE-004	25A	1.0	22.2	50.4	108	156.8	37	108.2	97
KE-006	40A	1.5	34.9	50.4	136	199	43.5	125.3	122.3
KE-008	50A	2.0	47.5	63.9	155	209	53.5	125.3	122.3
KE-010	65A	2.5	60.3	77.5	169	191.5	59	163.4	121.2
KE-016	80A	3.0	73	90.9	196	256.3	66.5	208.9	181.9
KE-028	100A	4.0	97.4	118.9	233	284	75	208.9	181.9

Electric Control 3 WAY BALL VALVE

KE-3L Screw Type



① MOTOR MODEL

KE11	AC 110V
KE22	AC 220V
KE24	DC 24V

② MOTOR SIZE

002	002
004	004
005	005
008	008

③ MOTOR OPTION

SIGN		APPLICABLE MODELS
0	Standard : on/off	All Models
1	PCU : Proportional Control Unit (In/out : 4~20mA)	over 005

④ VALVE TYPE

40	3-Way , L-Port
41	3-Way , T-Port , Set1
42	3-Way , T-Port , Set2
43	3-Way , T-Port , Set3
44	3-Way , T-Port , Set4

⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
A	SUS304	SUS304	PTFE	VITON
B	SUS304	SUS304	PTFE	FFKM
C	SUS304	SUS304	RTFE	VITON
D	SUS304	SUS304	RTFE	FFKM
E	SUS316	SUS316	PTFE	VITON
F	SUS316	SUS316	PTFE	FFKM
G	SUS316	SUS316	RTFE	VITON
H	SUS316	SUS316	RTFE	FFKM

⑥ VALVE CONNECTION

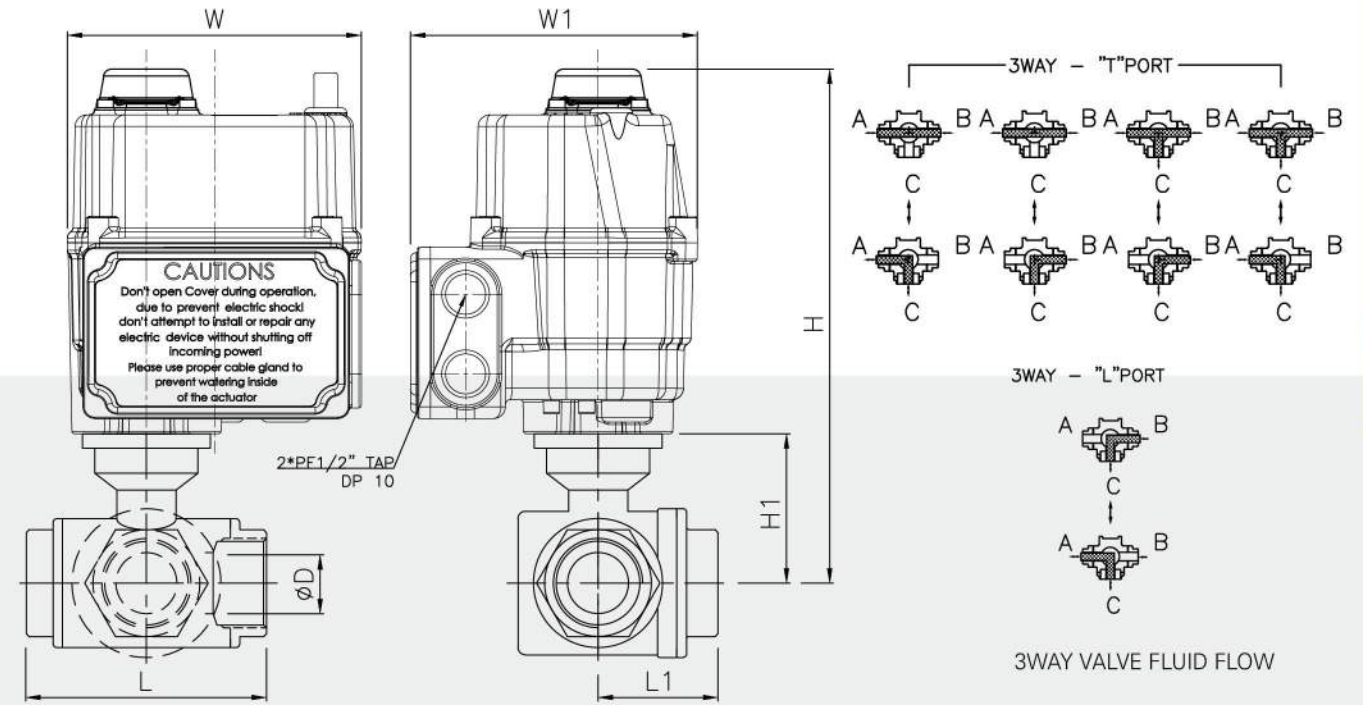
P	PT Screw
W	Socket Welding

⑦ VALVE OPTION

S	Standard
O	Oil Free
E	EP Treatment
D	Oil Free + EP Treatment

⑧ VALVE SIZE

8A	25A
10A	32A
15A	40A
20A	50A



※The above drawing is for reference and may change product function and improvement without notice.

FEATURE

- Ball Seat: 4 Seat Type/Excellent Confidentiality
- Strong durability and corrosion resistance SCS 14 (SUS 304)body
- Limit switch internal type : Automatic power stopper, No power up / stop operation
- Three face type motor (Confirmation, No)
- Oil free: EP function, stopper bolt installation available
- Possible manual operation on emergency.
- Indirectly attached Type: Easy use of Valve operation(Open.Close)

MAIN CLIENTS

- Vaccum facility, Automatic Test equipment, Water treatment facility

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas
PRESSURE	Max 10kg/cm ² (basic) / Max 20kg/cm ² (Requirement)
TEMPERATURE	0~80℃(basic) / 0~180℃(Requirement)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

MEASUREMENT

MOTOR SIZE	SIZE		øD	L	L1	H	H1	W	W1
	MM	INCH							
KE-002	8A	1/4"	11	75.7	37.3	144.9	40.7	105	73
KE-002	10A	3/8"	11	75.7	37.3	144.9	40.7	105	73
KE-004	15A	1/2"	12.7	75.7	37.3	160.5	40.7	108.2	97
KE-004	20A	3/4"	16	86.6	44.7	164.8	45	108.2	97
KE-004	25A	1"	20	102.4	51.4	176.8	57	108.2	97
KE-006	32A	1-1/4"	25	118.2	57.7	217.7	62.2	125.3	122.3
KE-006	40A	1-1/2"	32	125.8	62.7	228.7	73.2	125.3	122.3
KE-008	50A	2"	38	149	74.6	242.7	87.2	125.3	122.3