TOOTEC





① MOTOR MODEL

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

10 1PCS

4 VALVE TYPE

) VALV	E MATERIA	L		
SIGN	BODY	BALL	SEAT	O-RING
Α	SUS 304	SUS 304	PTFE	

@ MOTOR SIZE

002	002
004	004
005	005
006	006
008	008

® VALVE CONNECTION

311.0		_
Р	PT Screw	

3 MOTOR OPTION

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

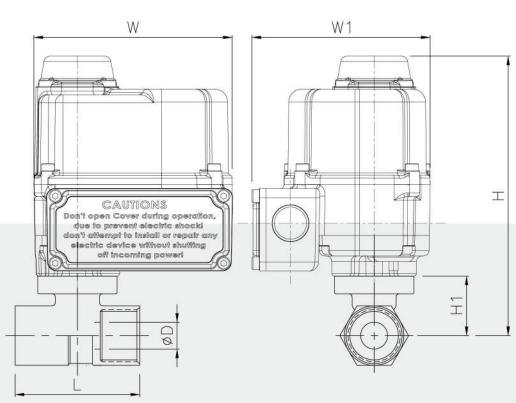
⑦ VALVE OPTION

S	Standard
0	Oil Free
Е	EP Treatment
D	Oil Free + EP Treatment

® VALVE SIZE

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





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

- Indication attached on the above part of motor: Easy check for Valve operation Automation facilities, Sauna/Swimming pool facility, Water treatment facility
- · Possible manual energtion on emergency,
- Limit switch integran type : All automatic super action except power consumption radish
- Strong SCS 13 (SUCCESS) Bodies that corrosing resistance
- Oil free: EP functions stopper bolt installation available
- · Easy Pining for Maintenance, discalining and assembly
- Three pe Motor(Confirmation wire)

MAIN CLIENTS

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas
PRESSURE	Max 10kg/cm²(basic) / Max 20kg/cm²(Requirement)
TEMPERATURE	0~80°C (basic)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

MEASUREMENT

MOTOR SIZE	SIZE	ØD	L	Н	н н1	w	W1	
	ММ	INCH	עש		8118	F1.1	VV	***
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



TOOTEC





① MOTOR MODEL

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

4 VALVE TYPE

No. (I other heart)	and processes	_
20	2PSC	

2 MOTOR SIZE

*******	190901700	
002	002	
004	004	
005	005	
006	006	
008	008	

⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
Α	SUS 304	SUS 304	RTFE	VITON
В	SUS 304	SUS 304	RTFE	FFKM

® VALVE CONNECTION

@ */ (E*E	0011112011011
Р	PT Screw

3 MOTOR OPTION

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

⑦ VALVE OPTION

S	Standard
0	Oil Free
Е	EP Treatment
D	Oil Free + EP Treatment

® VALVE SIZE

8A	25A
10A	32A
15A	40A
20A	50Δ

CAUTIONS Don't open Cover during operation, due to prevent electric should don't attempt to install or repair any electric device without shuffing off incoming powerl

*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 • Automation facilities, Sauna/Swimming pool facility, Water treatment facility

- · Possible manual operation on emergen
- Limit switch in type : All automatic popper action except power consumption radish
- Strong SCS 13 (SUS 2041 Rodies that corrosion strong resistance)
- Oil free: EP function, propper bolt installation available
- r Maintenance, dissolution and assembly
- Three face Type Motor(Confirmation of wire)

 Full Bore Type (External and Typer all same) (Refer to drawing)

MAIN CLIENTS

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas
PRESSURE	Max 10kg/cm²(basic)
TEMPERATURE	0~150°C(basic)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

MEASUREMENT

MOTOR OUT	SIZE		ap.	L	Н	114		W1
MOTOR SIZE	ММ	INCH	ØD		"	H1	W	VVI
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	73
KE-002	15A	1/2"	15	65.3	185.9	81.7	105	73
KE-002	20A	3/4"	20	77.3	202.2	98	105	73
KE-004	25A	1"	25	88.7	226.8	107	108.2	97
KE-004	32A	1-1/4"	32	102.4	231.8	112	108.2	97
KE-004	40A	1-1/2"	38	109	255	135.2	108.2	97
KE-006	50A	2"	50	125.3	298.7	143.2	125.3	122.3

Electric Control 3 PCS BALL VALVE

KE-3P Screw / Socket WeldingType





① MOTOR MODEL

TOOTEC

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

② MOTOR SIZE

002	002			
004	004			
005	005			
006	006			
008	008			

⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
Α	SUS 304	SUS 304	PTFE	VITON
В	SUS 304	SUS 304	PTFE	FFKM
С	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
Н	SUS 316	SUS 316	RTFE	FFKM

® VALVE CONNECTION

Р	PT Screw
W	Socket Welding

3 MOTOR OPTION

4 VALVE TYPE

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

0	3PCS	® VALVE S
17.		8A
		10A
		15A
		20A

7 VALVE OPTION

S	Standard
0	Oil Free
Е	EP Treatment
D	Oil Free + EP Treatment

® VALVE SIZE 25A 32A

40A 50A

W W1 CAUTIONS Don't open Cover during operation due to prevent electric shockd don't attempt to install or repair any electric device without shutting

*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/Person of strong durability and corrosion resistance(PTFE)
- 2 140kg/cm^{2/Roq}uirement)
- Limit switch internal type : No populase except operation
- manual operation on emergency(Except ITQ 0020).
- sched Type: Easy use of Weby operation(Open.Close)
- Full Bore Type (Extended internal same) (Refer to drawing)

MAIN CLIENTS

• Plant, Automatic facility, Water treatment facility

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas
PRESSURE	Max 10kg/cm²(basic) / Max 20kg/cm²(Requirement)
TEMPERATURE	0~80°C (basic) / 0~180°C (Requirement)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

MEASUREMENT

MOTOR SIZE	s	SIZE	ØD	L	Н	H1	w	W1
MOTOR SIZE	ММ	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-NVV Norminal Width Type





① MOTOR MODEL

TOOTEC

100			
	KE11	AC 110V	
	KE22	AC 220V	
	KE24	DC 24V	

⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
Α	SUS 316	SUS 316	PTFE	VITON
В	SUS 316	SUS 316	PTFE	FFKM
С	SUS 316	SUS 316	RTFE	VITON
D	SUS 316	SUS 316	RTFE	FFKM

2 MOTOR SIZE

002	002	
004	004	
005	005	
006	006	
008	008	

6 VALVE CONNECTION

O VIILV	E CONTRECTION	
N	Norminal Width	

3 MOTOR OPTION

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

VALVE OPTIONS Standard

S	Standard
0	Oil Free
Е	EP Treatment
D	Oil Free + EP Treatment

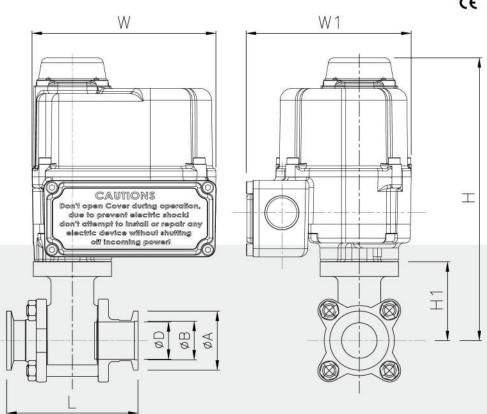
4 VALVE TYPE

0	41 IL 4 L	1115
	30	3PCS

8)	VA	LV	E	S	Z	Е

16-15	
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/Perflon of strong durability and corrosion resistance(PTFE)
- Possible use pressure 140kg/cm2(Requirement)
- Limit switch in type : No power use per operation
- Poscible manual operation on emergency(Except ITQ 0020).
- Indiagramshed Type: Easy use of Valve operation(Open.Close)
- Three favorype Motor(Cenfirmation wiring)
- Full Bore Type (Same al of pipe size) (Configuration Drawing)

MAIN CLIENTS

Plant, Automatic facility, Water treatment facility

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas, Steam
PRESSURE	Max 10kg/cm²(basic) / Max 20kg/cm²(Requirement)
TEMPERATURE	0~80°C(basic) / 0~180°C(Requirement)
OPERATING POWER	AC220V / AC110V / DC24V
ON/OFF TIME	According to Motors(Requirement)
POWER	According to Motors(Requirement)

MEASUREMENT

MOTOR CITE	SI	ZE	a D	ØΑ	ØВ	L,	Н	Н1	W	W1
MOTOR SIZE	ММ	NW	ØD							
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.
KE-006	40A	50	38	75	52.2	112	222	66.5	125.3	122.
KE-008	50A	50	50	75	52.2	150	230.5	75	125.3	122.

Electric Control 3 BALL VALVE

KE-3P-FR Ferrule Type





① MOTOR MODEL

TOOTEC

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

⑤ VALVE MATERIAL

SIGN	BODY	BALL	SEAT	O-RING
Α	SUS 316	SUS 316	PTFE	VITON
В	SUS 316	SUS 316	PTFE	FFKM
С	SUS 316	SUS 316	RTFE	VITON
D	SUS 316	SUS 316	RTFE	FFKM

2 MOTOR SIZE

	002	002	
	004	004	
5	005	005	
	006	006	
	008	008	

6 VALVE CONNECTION

L	Ferrule

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

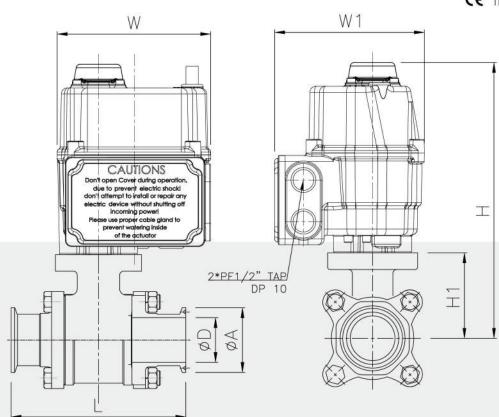
	(A) 4 (A
30	3PCS

⑦ VALVE OPTION

S	Standard
0	Oil Free
Е	EP Treatment
D	Oil Free + EP Treatment

® 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

- Feruule Type: Easy dissolution and assembly for Pipe, Maintenance
- Packing/Sect_Teflon of strong durability and corrosion resistance(PTFE)
- Possible 140kg/cm2(Remissment)
 Limit switch internal type: No powers except operation
- Possible—anual operation on emergency
- Indicate attached Type: Easy use of Valve operation (Open.Close)
- Full Bore Type (Same in ______f pipe size) (Communition Drawing)

MAIN CLIENTS

• Pharmaceuticals, food, Automatic facility, Testing equipment

COMMON SPECIFICATIONS

FLUID Water, Air, Oil, Gas, Food, Medications		
PRESSURE	Max 10kg/cm²(basic) / Max 20kg/cm²(Requirement)	
TEMPERATURE	0~80°C (basic) / 0~180°C (Requirement)	
OPERATING POWER	AC220V / AC110V / DC24V	
ON/OFF TIME According to Motors(Requirement)		
POWER	According to Motors(Requirement)	

MEASUREMENT

MOTOR SIZE	SI	ZE	- ØD	ØΑ	L	Н	H1	w	W1
MOTOTT SIZE	ММ	S	20	27	_	194a 		**	
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



TOOTEC





1 MOTOR MODEL

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

② MOTOR SIZE

	002	002	
44	004	004	
24	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
Α	SUS304	SUS304	PTFE	VITON
В	SUS304	SUS304	PTFE	FFKM
С	SUS304	SUS304	RTFE	VITON
D	SUS304	SUS304	RTFE	FFKM
E	SUS316	SUS316	PTFE	VITON
F	SUS316	SUS316	PTFE	FFKM
G	SUS316	SUS316	RTFE	VITON
Н	SUS316	SUS316	RTFE	FFKM

® VALVE CONNECTION

Р	PT Screw	
W	Socket Welding	

⑦ VALVE OPTION

S	Standard
0	Oil Free
Е	EP Treatment
D	Oil Free + EP Treatment

® VALVE SIZE

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

W1 BA BA CAUTIONS Don't open Cover during operation, due to prevent electric shock! don't attempt to install or repoir any electric device without shutting off incoming power! Please use proper coble gland to prevent watering inside of the actuator 3WAY - "L"PORT 2*PF1/2" TAP/ 3WAY VALVE FLUID FLOW

*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 ance SCS 14 (SUS 304)body
 Limit switch integral type: Automatic power stooper,

- Oil free: EP fungary, stopper bolt installation available
- Pospillary anual operation on emergency.
- Indicate attached Type: Easy use of Valve operation(Open.Close)

MAIN CLIENTS

Vacccum facility, Automatic Test equipment, Water treatment facility

COMMON SPECIFICATIONS

FLUID	Water, Air, Oil, Gas
PRESSURE	Max 10kg/cm²(basic) / Max 20kg/cm²(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	SI	ZE	- ØD	L	L1	н	H1	W	W1
	ММ	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