

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	□PVC
3	Ball holder	1	□HT
4	Ball	1	□CPVC
5	Union nut	2	□PP
6	Set ring	2	□PVDF
7	Flange	2	
8	Stem O-ring*1)	15-20A 1 25-50A 2	
9	Ball holder O-ring	1	□EPDM
10	Union O-ring	2	□FKM
11	Ball seat O-ring	2	
12	Ball Seat	2	PTFE
13	Actuator	1	ADC12 (Epoxy Resin Coated)
14	Yoke	1	AC4A
15	Connector	1	ZDC2
16	Upper mount	1	FRP
17	Lower mount	1	FRP
18	Fixing Insert Nut	2	C3601
19	Screw	14	SUS304
20	Valve Position Indicator	1	Tempered glass
21	Manual Over Ride Socket	1	S45C
22	Gasket	2	NBR
23	Gasket	1	NBR
24	Socket Dust Cover	1	NBR
25	Electric wire connector	1	PA. G1/2
26	Earth Terminal *2)	1	SS400/Nickel Coated

\*1) Stem O-Ring material will be FKM+PTFE in case of Oil Free.  
\*2) AC200/220V

Actuator Specification	EB-Z	EB-05
Rated Torque	9.8N·m	39N·m
Speed	4sec/50Hz 3.3sec/60Hz	15sec/50Hz 12.5sec/60Hz
Motor	8W (Reversible Motor)	
Protection form	Thermal Protector	
Manual operation	Crank handle attached	
Enclosure	Equivalent to P-66	

Dimension Table

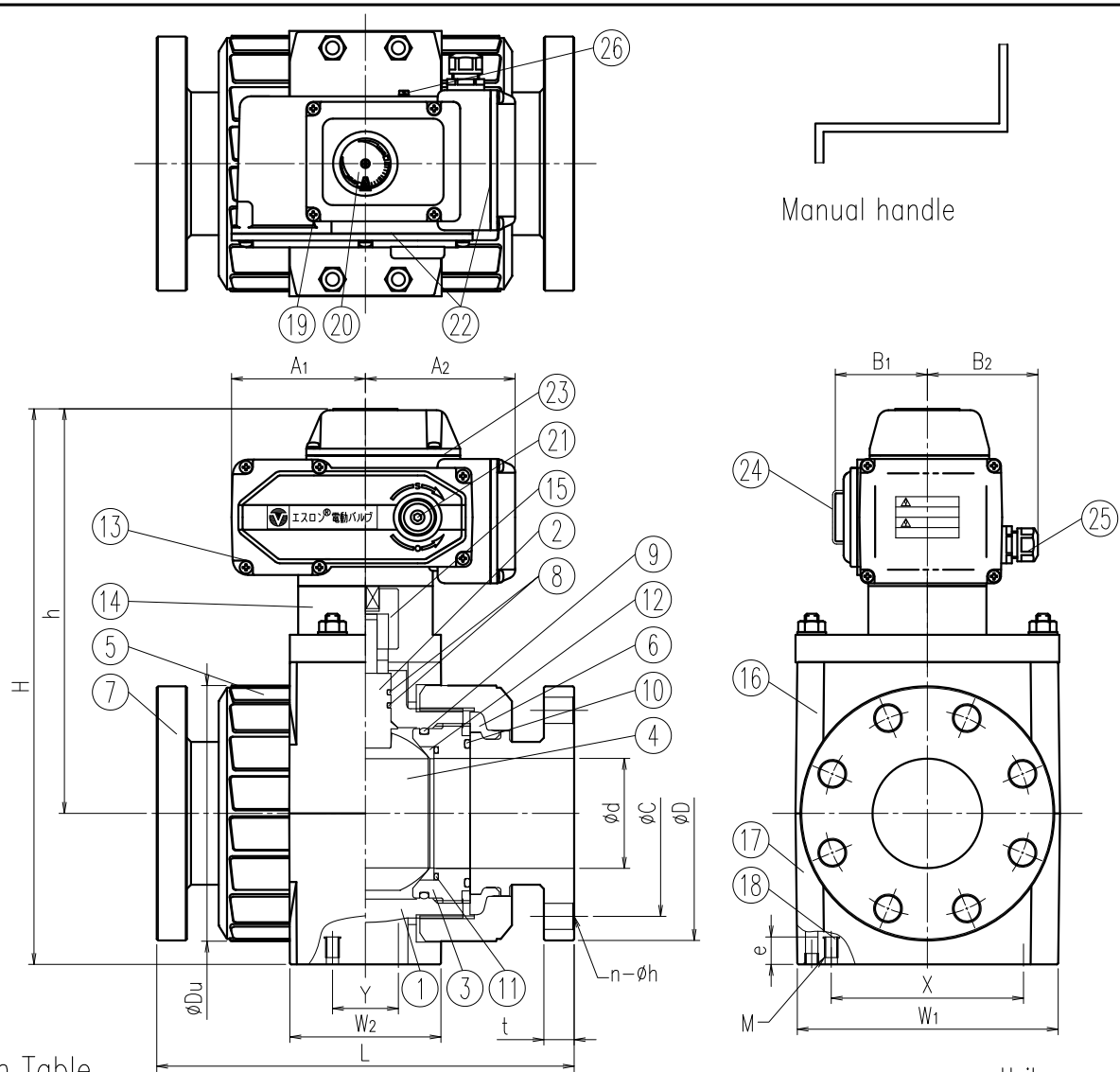
Unit: mm

Size	A (B)	ød	L	FLANGE												h	øDu	W1	W2	Actuator Type	Fixing Insert Nut	
				JIS10K				ANSI				DIN									X	Mxe
				øD	øC	n-øh	t	øD	øC	n-øh	t	øD	øC	n-øh	t							
□ 15 (1/2)	15	143±1.5	95	70	4-15	14	89.0	60.5	4-16	11.5	95	65	4-14	11	178	49	92	50	EB-Z	50	M6x15	
□ 20 (3/4)	20	172±1.5	100	75	4-15	14	98.0	70.0	4-16	13.0	105	75	4-14	12	180	59	92	50	EB-Z	50	M6x15	
□ 25 (1)	25	187±1.5	125	90	4-19	14	108.0	79.5	4-16	14.5	115	85	4-14	14	193	67	92	50	EB-Z	50	M6x15	
□ 32 (1·1/4)	32	190±1.5	135	100	4-19	16	117.5	89.0	4-16	16.0	140	100	4-18	15	197	81	98	60	EB-05	55	M6x15	
□ 40 (1·1/2)	40	212±1.5	140	105	4-19	16	127.0	98.5	4-16	17.5	150	110	4-18	16	204	98	117	70	EB-05	70	M8x20	
□ 50 (2)	50	234±1.5	155	120	4-19	20	152.0	120.5	4-19	19.5	165	125	4-18	18	211	120	135	70	EB-05	85	M8x20	

Note)  
1. Flange dimension is in accordance with the following standard; JIS B 2220 for JIS10K, ANSI B16.5 for ANSI and DIN2501 PN10/PN16 (ISO7005 PN10) for DIN  
2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.

Client name		Date
Socket Standard	□JIS10K □ANSI □DIN	Approved by:
Voltage	□AC100/110V (50/60Hz) □AC200/220V (50/60Hz)	
Oil Free	□YES	
ESLON Electric Ball Valve: K-Type Flange Type/15A~50A		
Drawing No.   BVT1550FXE		

**SEKISUI SEKISUI CHEMICAL CO.,LTD.**



Manual handle

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	□PVC
3	Ball holder	2	□HT
4	Ball	1	□C-PVC
5	Union nut	2	□PP
6	Set ring	2	□PVDF
7	Flange	2	
8	Stem O-ring ※1)	2	
9	Ball holder O-ring	1	□EPDM
10	Union O-ring	2	□FKM
11	Ball seat O-ring	2	
12	Ball Seat	2	PTFE
13	Actuator	1	ADC12 (Epoxy Resin Coated)
14	Yoke	1	AC4A
15	Connector	1	ZDC2
16	Upper mount	1	FRP
17	Lower mount	1	FRP
18	Fixing Insert Nut	4	C3601
19	Screw	14	SUS304
20	Valve Position Indicator	1	Tempered glass
21	Manual Over Ride Socket	1	S45C
22	Gasket	2	NBR
23	Gasket	1	NBR
24	Socket Dust Cover	1	NBR
25	Electric wire connector	1	PA, G1/2
26	Earth Terminal ※2)	1	SS400/Nickel Coated

※1) Stem O-Ring material will be FKM+PTFE in case of Oil Free  
 ※2) AC200/220V

Actuator Specification	EB-05	EB-10
Rated Torque	39N·m	98N·m
Speed	15sec/50Hz 12.5sec/60Hz	30sec/50Hz 25sec/60Hz
Motor	8W	20W
	(Reversible Motor)	
Protection form	Thermal Protector	
Manual operation	Crank handle attached	
Enclosure	Equivalent to P-66	

Dimension Table

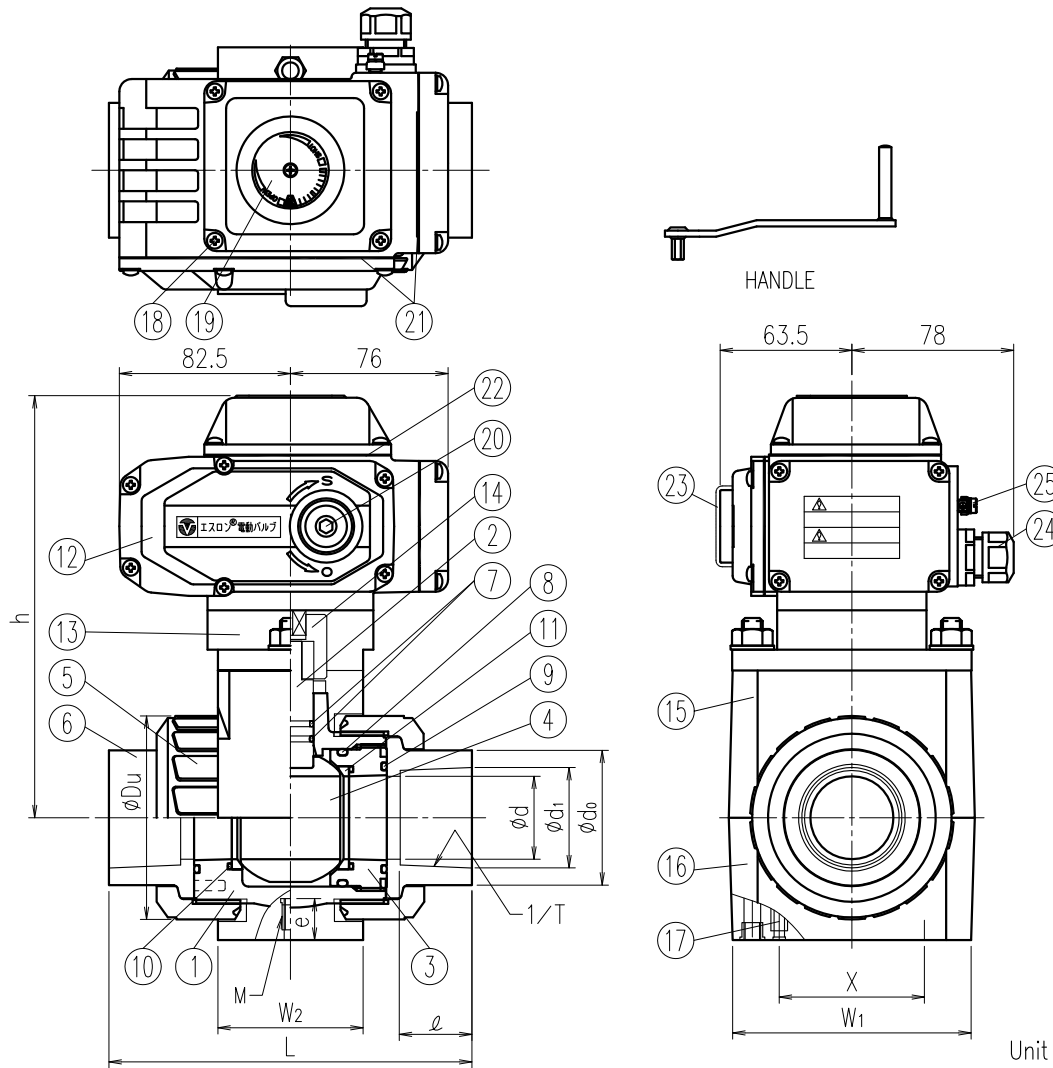
Unit: mm

Size	A (B)	φd	L	Flange												H	h	φDu	A1	A2	B1	B2	W1	W2	Actuator Type	Fixing Insert Nut		
				JIS10K				ANSI				DIN														X	Y	Mxe
				PVC,HT	PP,PVDF	φD	n-φh	t	φD	φC	n-φh	t	φD	φC	n-φh													
□ 65 (2 1/2)	65	259±1.5	257±1.5	175	140	4-19	22	178	139.7	4-20	22.5	185	145	4-18	22	327	239	150	82.5	76	63.5	78.0	163	90	EB-05	115	38	M8x20
□ 80 (3)	80	304±1.5	301±1.5	185	150	8-19	22	191	152.4	4-20	24.0	200	160	8-18	23	405	295	186	97.5	109	67.0	80.5	198	110	EB-10	140	48	M8x20
□ 100 (4)	100	372±1.5	367±1.5	210	175	8-19	24	229	190.5	8-20	24.0	220	180	8-18	23	465	325	228	97.5	109	67.0	80.5	240	110	EB-10	180	59	M8x20

Note) 1. Flange dimension is in accordance with the following standard; JIS B 2220 for JIS10K, ANSI B16.5 for ANSI and DIN EN 1092-1 PN10 for DIN  
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.

Client name		Date
Flange Standard	□JIS10K □ANSI □DIN	Approved by:
Voltage	□AC100/110V (50/60Hz) □AC200/220V (50/60Hz)	
Oil Free	□YES	
ESLON Electric Ball Valve: K-Type Flange Type/65A~100A		
Drawing No.   BVT651HFxE		

**SEKISUI SEKISUI CHEMICAL CO.,LTD.**



No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball holder	1	□PVC
4	Ball	1	□HT
5	Union nut	2	□CPVC
6	TS Socket	2	
7	Stem	15-20A	1
8	O-ring*1)	25-50A	2
9	Ball holder O-ring	1	□EPDM
10	Union O-ring	2	□FKM
11	Ball seat	2	PTFE
12	Actuator	1	ADC12 (Epoxy Resin Coated)
13	Yoke	1	AC4A
14	Connector	1	ZDC2
15	Upper mount	1	FRP
16	Lower mount	1	FRP
17	Fixing Insert Nut	2	C3601
18	Screw	14	SUS304
19	Valve Position Indicator	1	Tempered glass
20	Manual Over Ride Socket	1	S45C
21	Gasket	2	NBR
22	Gasket	1	NBR
23	Socket Dust Cover	1	NBR
24	Electric wire connector	1	PA, G1/2
25	Earth Terminal*2)	1	SS400/Nickel Coated

\*1) Stem O-Ring material will be FKM+PTFE in case of Oil Free  
 \*2) AC200/220V

Actuator Specification	EB-Z	EB-05
Rated Torque	9.8N·m	39N·m
Speed	4sec/50Hz 3.3sec/60Hz	15sec/50Hz 12.5sec/60Hz
Motor	8W (Reversible Motor)	
Protection form	Thermal Protector	
Manual operation	Crank handle attached	
Enclosure	Equivalent to P-66	

Dimension Table

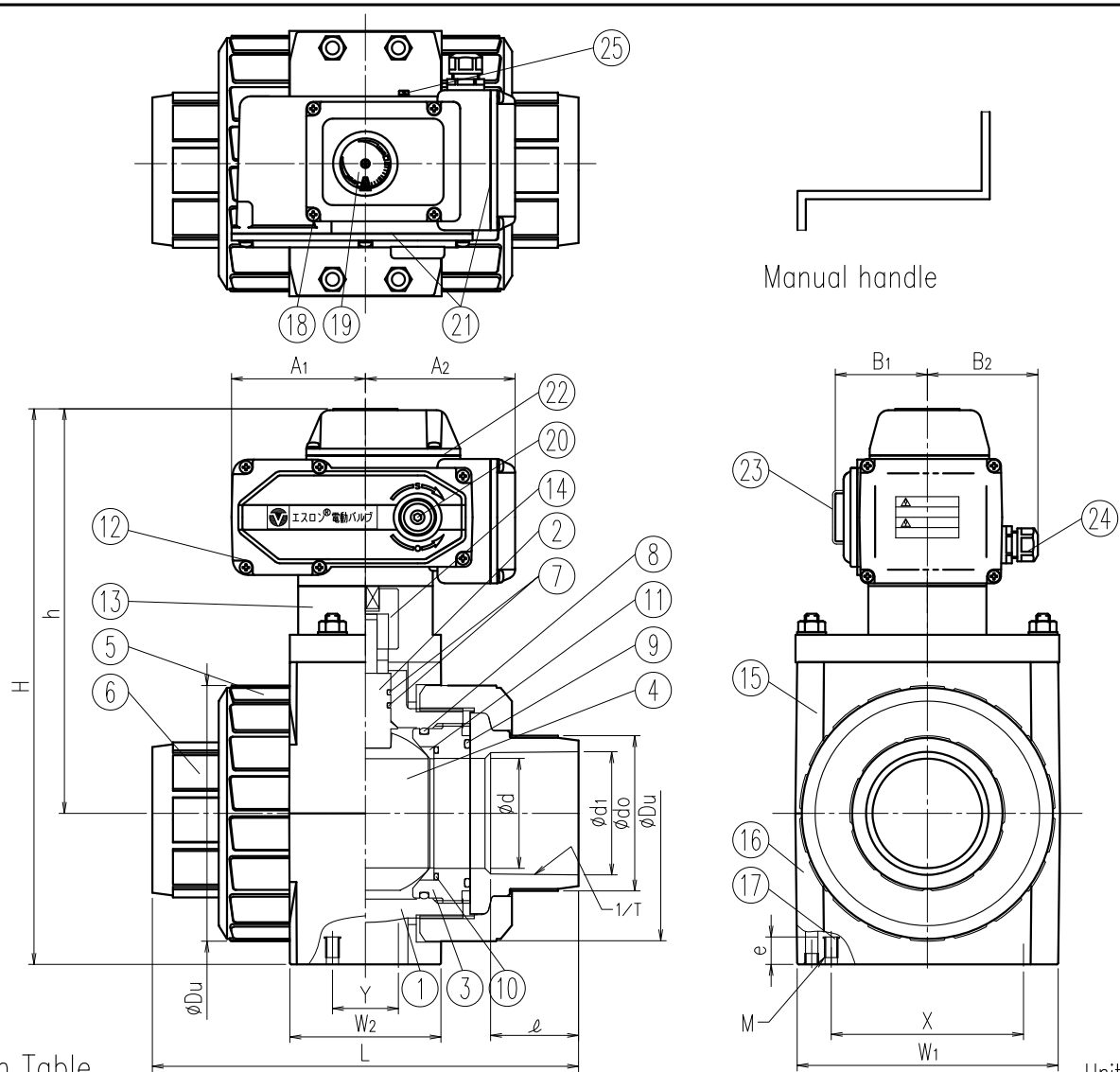
SIZE	A (B)	$\phi d$	SOCKET															Actuator Type	Fixing Insert Nut			
			L			JIS			ASTM			DIN			$\phi d_o$	h	$\phi d_u$		W1	W2	X	Mxe
			JIS	ASTM	DIN	$\phi d_1$	1/T	$\ell$	$\phi d_1$	1/T	$\ell$	$\phi d_1$	1/T	$\ell$								
□ 15 (1/2)	15	109±3.0	103±3.0	92±3.0	22.3	1/37	22	21.54	1/72	22	20.3	1/65	16	33	178	49	92	50	EB-Z	50	M6x15	
□ 20 (3/4)	20	132±3.0	119±3.0	107±3.0	26.3	1/42	25	26.87	1/85	25	25.3	1/80	19	35	180	59	92	50	EB-Z	50	M6x15	
□ 25 (1)	25	143±3.0	133±3.0	121±3.0	32.3	1/43	29	33.65	1/75	29	32.3	1/95	22	44	193	67	92	50	EB-Z	50	M6x15	
□ 32 (1·1/4)	32	166±3.0	147±3.0	137±3.0	38.4	1/37	32	42.42	1/84	32	40.3	1/115	26	54	197	81	98	60	EB-05	55	M6x15	
□ 40 (1·1/2)	40	175±3.0	171±3.0	161±3.0	48.5	1/38	35	48.56	1/78	35	50.3	1/140	31	66	204	98	117	70	EB-05	70	M8x20	
□ 50 (2)	50	203±3.0	188±3.0	189±3.0	60.7	1/34	38	60.63	1/83	38	63.3	1/175	38	77	211	120	135	70	EB-05	85	M8x20	

Note) 1. Socket dimension is in accordance with the following standard; JIS: JIS K6743, ASTM: ASTM D2467 and DIN2501 PN10/PN16 (ISO7005 PN10) for DIN  
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.

Client name			Date
Socket Standard	<input type="checkbox"/> JIS	<input type="checkbox"/> ASTM	<input type="checkbox"/> DIN
Voltage	<input type="checkbox"/> AC100/110V (50/60Hz)		Approved by:
	<input type="checkbox"/> AC200/220V (50/60Hz)		
Oil Free	<input type="checkbox"/> YES		

ESLON Electric Ball Valve: K-Type  
 TS Socket/15A~50A  
 Drawing No. | BVT1550SXE

**SEKISUI SEKISUI CHEMICAL CO., LTD.**



Manual handle

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball holder	2	□PVC
4	Ball	1	□HT
5	Union nut	2	□C-PVC
6	TS Socket	2	
7	Stem O-ring ※1)	2	
8	Ball holder O-ring	1	□EPDM
9	Union O-ring	2	□FKM
10	Ball seat O-ring	2	
11	Ball Seat	2	PTFE
12	Actuator	1	ADC12 (Epoxy Resin Coated)
13	Yoke	1	AC4A
14	Connector	1	ZDC2
15	Upper mount	1	FRP
16	Lower mount	1	FRP
17	Fixing Insert Nut	4	C3601
18	Screw	14	SUS304
19	Valve Position Indicator	1	Tempered glass
20	Manual Over Ride Socket	1	S45C
21	Gasket	2	NBR
22	Gasket	1	NBR
23	Socket Dust Cover	1	NBR
24	Electric wire connector	1	PA. G1/2
25	Earth Terminal ※2)	1	SS400/Nickel Coated

※1) Stem O-Ring material will be FKM+PTFE in case of Oil Free  
 ※2) AC200/220V

Actuator Specification	EB-05	EB-10
Rated Torque	39N·m	98N·m
Speed	15sec/50Hz 12.5sec/60Hz	30sec/50Hz 25sec/60Hz
Motor	8W	20W
	(Reversible Motor)	
Protection form	Thermal Protector	
Manual operation	Crank handle attached	
Enclosure	Equivalent to P-66	

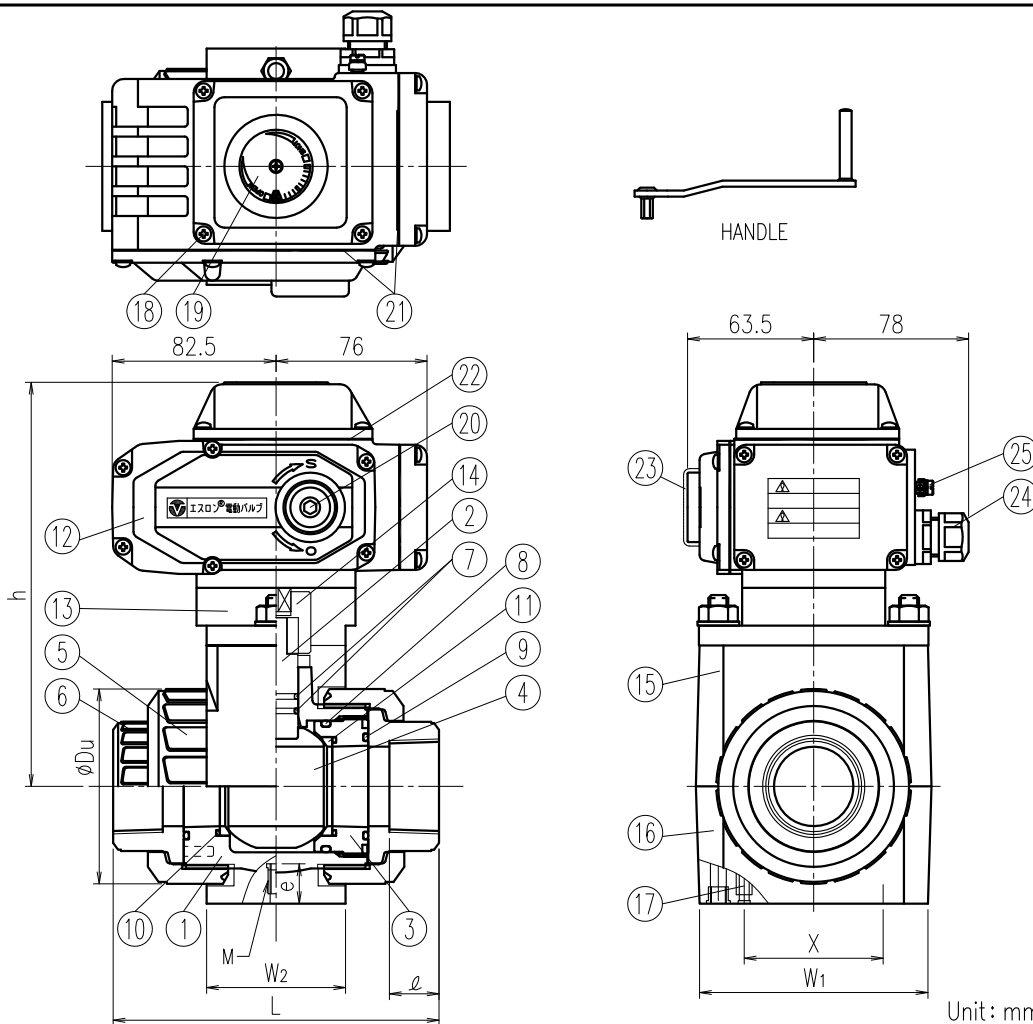
Dimension Table

Size	A (B)	Ød	L															Actuator Type	Fixing Insert Nut								
			JIS			ASTM			DIN			Ødo	H	h	ØDu	A1	A2		B1	B2	W1	W2	X	Y	Mxe		
			JIS	ASTM	DIN	Ød1	1/T	ℓ	Ød1	1/T	ℓ															Ød1	1/T
□ 65 (2 1/2)	65	25.9±3.0	21.1±3.0	21.1±3.0	76.6	1/48	61	73.38	1/84	44.45	75.3	1/220	44	96	327	239	150	82.5	76	63.5	78.0	163	90	EB-05	115	38	M8x10
□ 80 (3)	80	31.1±3.0	26.2±3.0	26.3±3.0	89.6	1/49	64	89.31	1/78	47.63	90.3	1/255	51	113	405	295	186	97.5	109	67.0	80.5	198	110	EB-10	140	48	M8x10
□ 100 (4)	100	39.0±3.0	31.5±3.0	31.5±3.0	114.7	1/56	84	114.76	1/87	57.15	110.4	1/203	61	144	465	325	228	97.5	109	67.0	80.5	240	110	EB-10	180	59	M8x10

Note) 1. Socket dimension is in accordance with the following standard; JIS: JIS K6743, ASTM: ASTM D2467 and DIN2501 PN10/PN16 (ISO7005 PN10) for DIN  
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.

Client name		Date
Standard	□JIS □ASTM □DIN	Approved by:
Voltage	□AC100/110V (50/60Hz) □AC200/220V (50/60Hz)	
Oil Free	□YES	
ESLON Electric Ball Valve: K-Type TS Socket/65A~100A		
Drawing No.   BVT651HSXE		

**SEKISUI SEKISUI CHEMICAL CO.,LTD.**



No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball holder	1	□PVC
4	Ball	1	□PVDF
5	Union nut	2	
6	Thread Socket	2	
7	Stem O-ring*1)	15-20A 1	
		25-50A 2	
8	Ball holder O-ring	1	□EPDM
9	Union O-ring	2	□FKM
10	Ball seat O-ring	2	
11	Ball Seat	2	PTFE
12	Actuator	1	ADC12 (Epoxy Resin Coated)
13	Yoke	1	AC4A
14	Connector	1	ZDC2
15	Upper mount	1	FRP
16	Lower mount	1	FRP
17	Fixing Insert Nut	2	C3601
18	Screw	14	SUS304
19	Valve Position Indicator	1	Tempered glass
20	Manual Over Ride Socket	1	S45C
21	Gasket	2	NBR
22	Gasket	1	NBR
23	Socket Dust Cover	1	NBR
24	Electric wire connector	1	PA, G1/2
25	Earth Terminal *2)	1	SS400/Nickel Coated

\*1) Stem O-Ring material will be FKM+PTFE in case of Oil Free  
 \*2) AC200/220V

Actuator Specification	EB-Z	EB-05
Rated Torque	9.8N·m	39N·m
Speed	4sec/50Hz 3.3sec/60Hz	15sec/50Hz 12.5sec/60Hz
Motor	8W (Reversible Motor)	
Protection form	Thermal Protector	
Manual operation	Crank handle attached	
Enclosure	Equivalent to P-66	

Dimension Table

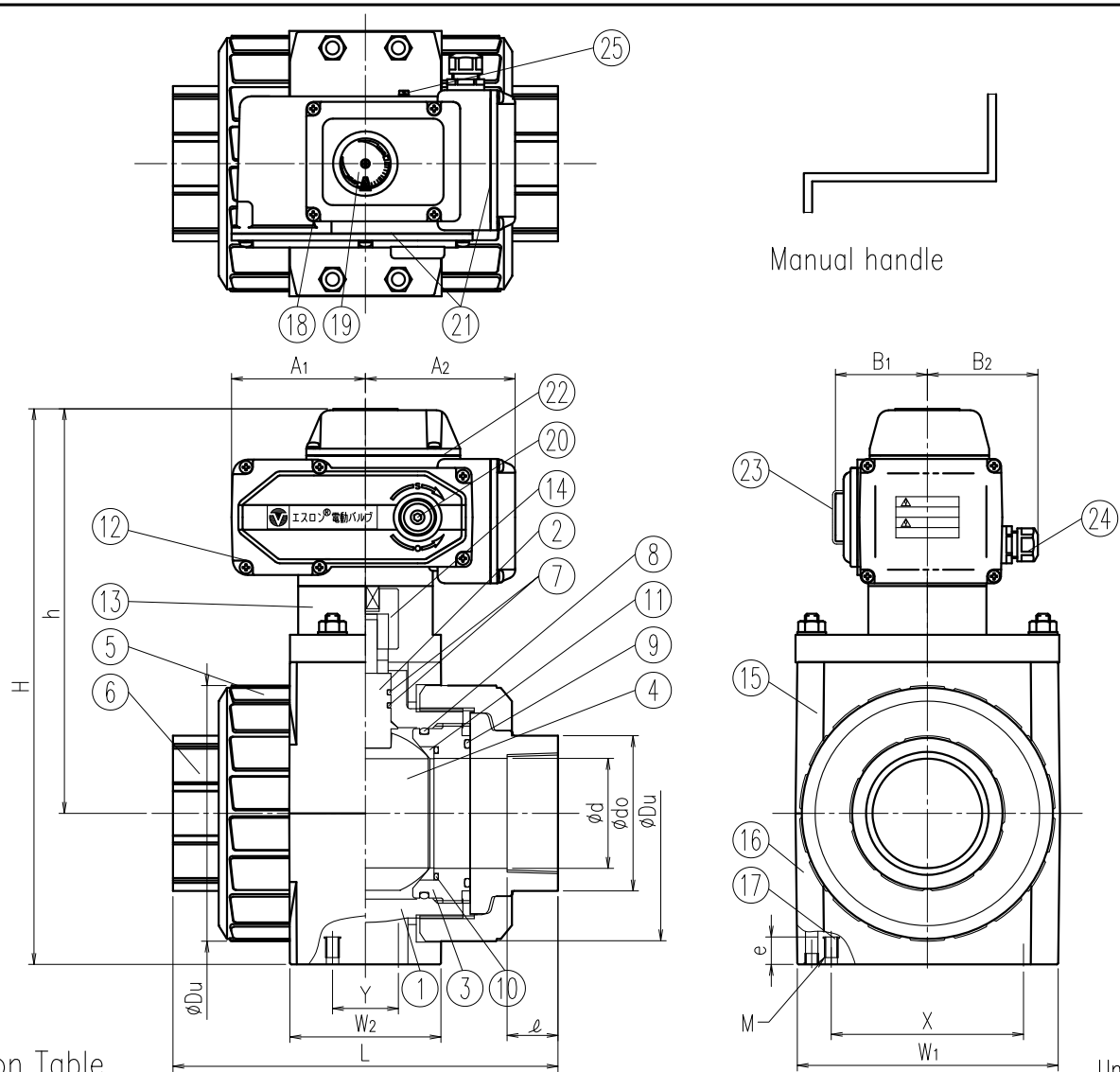
Size	A (B)	φd	L		Thread			l		φdo	h	φDu	W1	W2	Actuator Type	Fixing Insert Nut	
			PVC	PVDF	JIS (Rc), DIN (Rc)	ANSI (NPT)	DIN (Rp)	PVC	PVDF							X	Mxe
□ 15 (1/2)	15	15	97±3.0	99±3.0	1/2	1/2	1/2	18	20	30	178	49	92	50	EB-Z	50	M6x15
□ 20 (3/4)	20	20	117±3.0	116±3.0	3/4	3/4	3/4	18	22	35	180	59	92	50	EB-Z	50	M6x15
□ 25 (1)	25	25	128±3.0	136±3.0	1	1	1	23	24	44	193	67	92	50	EB-Z	50	M6x15
□ 32 (1·1/4)	32	32	146±3.0	148±3.0	1·1/4	1·1/4	1·1/4	23	25	54	197	81	98	60	EB-05	55	M6x15
□ 40 (1·1/2)	40	40	163±3.0	169±3.0	1·1/2	1·1/2	1·1/2	25	28	65	204	98	117	70	EB-05	70	M8x20
□ 50 (2)	50	50	188±3.0	196±3.0	2	2	2	30	30	77	211	120	135	70	EB-05	85	M8x20

Note) 1. Thread dimension is in accordance with the following standard;  
 JIS:JIS B 0203,ANSI:ANSI B1.20.1 and DIN2501 PN10/PN16 (ISO7005 PN10) for DIN  
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.

Client name		Date
Voltage	<input type="checkbox"/> AC100/110V (50/60Hz) <input type="checkbox"/> AC200/220V (50/60Hz)	Approved by:
Oil Free	<input type="checkbox"/> YES	

ESLON Electric Ball Valve: K-Type  
 Thread Socket/15A~50A  
 Drawing No. BVT1550NXE

**SEKISUI SEKISUI CHEMICAL CO.,LTD.**



No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball holder	2	□PVC
4	Ball	1	□PVDF
5	Union nut	2	
6	Thread Socket	2	
7	Stem O-ring ※1)	2	
8	Ball holder O-ring	1	□EPDM
9	Union O-ring	2	□FKM
10	Ball seat O-ring	2	
11	Ball Seat	2	PTFE
12	Actuator	1	ADC12 (Epoxy Resin Coated)
13	Yoke	1	AC4A
14	Connector	1	ZDC2
15	Upper mount	1	FRP
16	Lower mount	1	FRP
17	Fixing Insert Nut	4	C3601
18	Screw	14	SUS304
19	Valve Position Indicator	1	Tempered glass
20	Manual Over Ride Socket	1	S45C
21	Gasket	2	NBR
22	Gasket	1	NBR
23	Socket Dust Cover	1	NBR
24	Electric wire connector	1	PA. G1/2
25	Earth Terminal ※2)	1	SS400/Nickel Coated

※1) Stem O-Ring material will be FKM+PTFE in case of Oil Free  
 ※2) AC200/220V

Actuator Specification	EB-05	EB-10
Rated Torque	39N·m	98N·m
Speed	15sec/50Hz 12.5sec/60Hz	30sec/50Hz 25sec/60Hz
Motor	8W	20W
	(Reversible Motor)	
Protection form	Thermal Protector	
Manual operation	Crank handle attached	
Enclosure	Equivalent to P-66	

Dimension Table

Size	A (B)	φd	Thread						ℓ	φdo	H	h	φDu	A1	A2	B1	B2	W1	W2	Actuator Type	Fixing Insert Nut		
			JIS (Rc) 、 DIN (Rc)		ANSI (NPT)		DIN (Rp)														X	Y	Mxe
			Rc	L	NPT	L	Rp	L															
□ 65 (2 1/2)	65	2 1/2	227±3.0	2 1/2	212±3.0	2 1/2	212±3.0	32	96	327	239	150	82.5	76	63.5	78.0	163	90	EB-05	115	38	M8x10	
□ 80 (3)	80	3	278±3.0	3	261±3.0	3	261±3.0	37	113	405	295	186	97.5	109	67.0	80.5	198	110	EB-10	140	48	M8x10	
□ 100 (4)	100	4	330±3.0	4	315±3.0	4	315±3.0	45	144	465	325	228	97.5	109	67.0	80.5	240	110	EB-10	180	59	M8x10	

Note) 1. Thread dimension is in accordance with the following standard;JIS:JIS B 0203,ANSI:ANSI B1.20.1 and DIN2501 PN10/PN16 (ISO7005 PN10) for DIN  
 2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.

Client name		Date
Standard Voltage	<input type="checkbox"/> Rc <input type="checkbox"/> NPT <input type="checkbox"/> Rp <input type="checkbox"/> AC100/110V (50/60Hz) <input type="checkbox"/> AC200/220V (50/60Hz)	Approved by:
Oil Free	<input type="checkbox"/> YES	

ESLON Electric Ball Valve : K-Type  
 Thread Socket / 65A~100A  
 Drawing No. |BVT651HNXE

**SEKISUI SEKISUI CHEMICAL CO.,LTD.**