

No.	Part Name	Q'TY	Material/Type	
1	Body	1		
2	Stem	1		
3	Ball Stopper	1	□PVC	
4	Ball	1	□HT	
5	Union Nut	2	□PP	
6	Set Ring	2	□PVDF	
7	Flange	2		
8	Stem O-Ring	15-20A * 25-40A	1	
9	Ball Stopper O-Ring	1	□EPDM	
10	Union O-Ring	2	□FKM	
11	Ball Seat O-Ring	2		
12	Ball Seat	2	PTFE	
13	Upper Mount	1	FRP	
14	Lower Mount	1	FRP	
15	Fixing Insert Nut	2	C3601	
16	Connector	1	C3604	
17	Screw	1	SUS304	
18	Yoke	1	SUS304	
19	Cover	1	PC	
20	Terminal Stand	1	-	
21	Motor	1	-	
22	Actuator Base	1	ADC-12	
23	Micro Switch	2	-	
24	Electric Conduit Gland	1	PA	

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

Actuator Specification			
Type	AM () -030	AM () -070	AM () -180
Rated Torque	3N·m	7N·m	18N·m
Speed (50/60Hz)	5.4/4.5sec	15.5/13sec	16/13.5sec
Power Required	16VA	16VA	19VA
Voltage	AC100/110V·200/220V		
Motor	Synchronous Motor		
Overload Protection	Thermal Protector		
Ambient Temperature Range	-20~55°C		
Duty Cycle	20% 15min.		
Anti Codensation	Space Heater		
Enclosure	JIS C0920 IP65		
Wiring Conduct	G3/8 (For φ5~φ10 Cable)		

Dimension Table

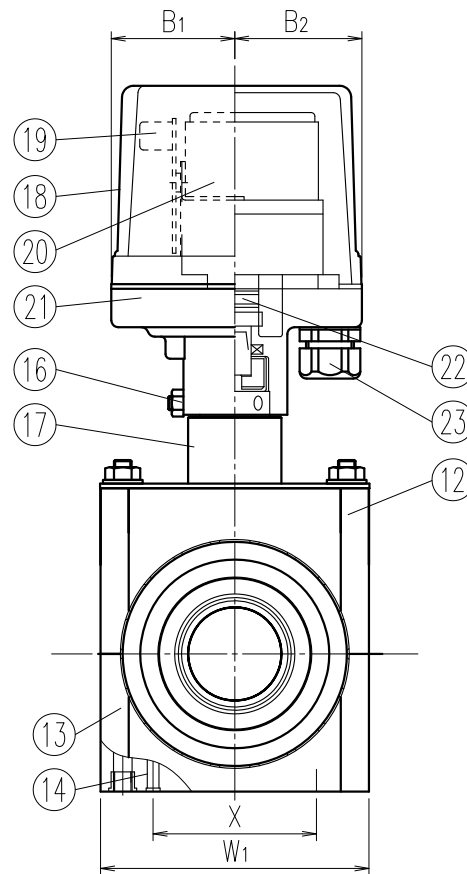
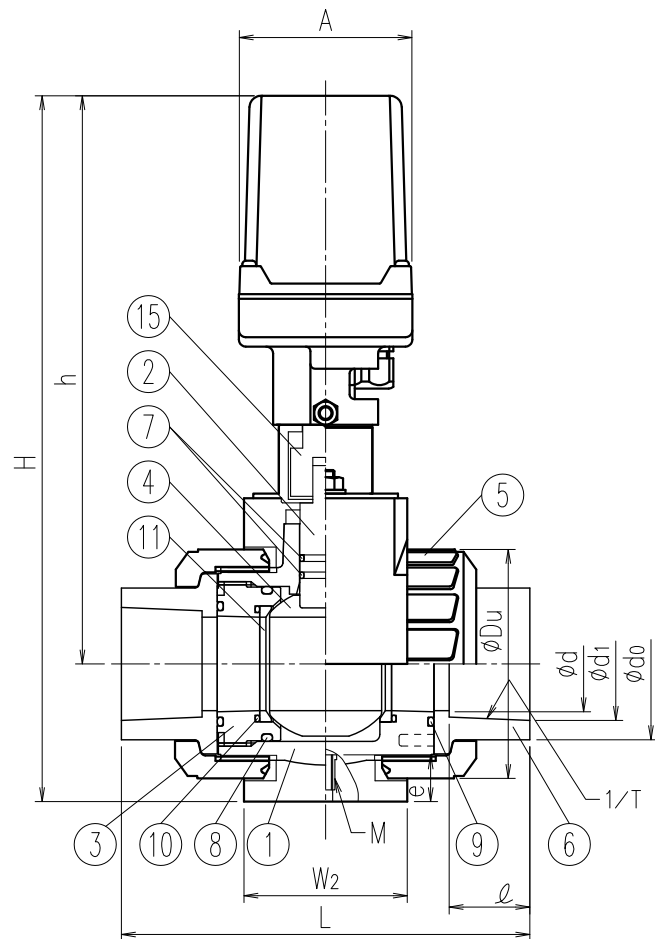
Unit: mm

Size	A (B)	φd	L	FLANGE												H	h	φDu	A	B1	B2	W1	W2	Actuator Type	Fixing Insert Nut	
				JIS10K			ANSI			DIN			X	Mxe												
				φD	φC	n-φh	φD	φC	n-φh	φD	φC	n-φh														
□ 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	215	166	49	74	36	71	92	50	AM () -030	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	220	168	59	74	36	71	92	50	AM () -070	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	245	181	67	74	36	71	92	50	AM () -070	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	297	228	81	74	53	54	98	60	AM () -180	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	315	244	98	74	53	54	117	70	AM () -180	70	M8x20	

Note)

- 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
- 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	□AC100V □AC200V	
Actuator Type	□AM1 voltage contact (output) □AM2 no-voltage contact (output)	
Oil Free	□YES	
ESLON Electric Ball Valve : N-Type (Standard)		
Flange Type/15-40A		
Drawing No. BVM1540FXE		
SEKISUI SEKISUI CHEMICAL CO.,LTD.		



* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball Stopper	1	□PVC
4	Ball	1	□HT
5	Union Nut	2	
6	TS Socket	2	
7	Stem O-Ring	15-20A 1 25-40A 2	
8	Ball Stopper O-Ring	1	□EPDM
9	Union O-Ring	2	□FKM
10	Ball Seat O-Ring	2	
11	Ball Seat	2	PTFE
12	Upper Mount	1	FRP
13	Lower Mount	1	FRP
14	Fixing Insert Nut	2	C3601
15	Connector	1	C3604
16	Screw	1	SUS304
17	Yoke	1	SUS304
18	Cover	1	PC
19	Terminal Stand	1	-
20	Motor	1	-
21	Actuator Base	1	ADC-12
22	Micro Switch	2	-
23	Electric Conduit Gland	1	PA

Actuator Specification			
Type	AM () -030	AM () -070	AM () -180
Rated Torque	3N·m	7N·m	18N·m
Speed (50/60Hz)	5.4/4.5sec	15.5/13sec	16/13.5sec
Power Required	16VA	16VA	19VA
Voltage	AC100/110V·200/220V		
Motor	Synchronous Motor		
Overload Protection	Thermal Protector		
Ambient Temperature Range	-20~55°C		
Duty Cycle	20% 15min.		
Anti Codensation	Space Heater		
Enclosure	JIS C0920 IP65		
Wiring Conduct	G3/8 (For ø5~ø10 Cable)		

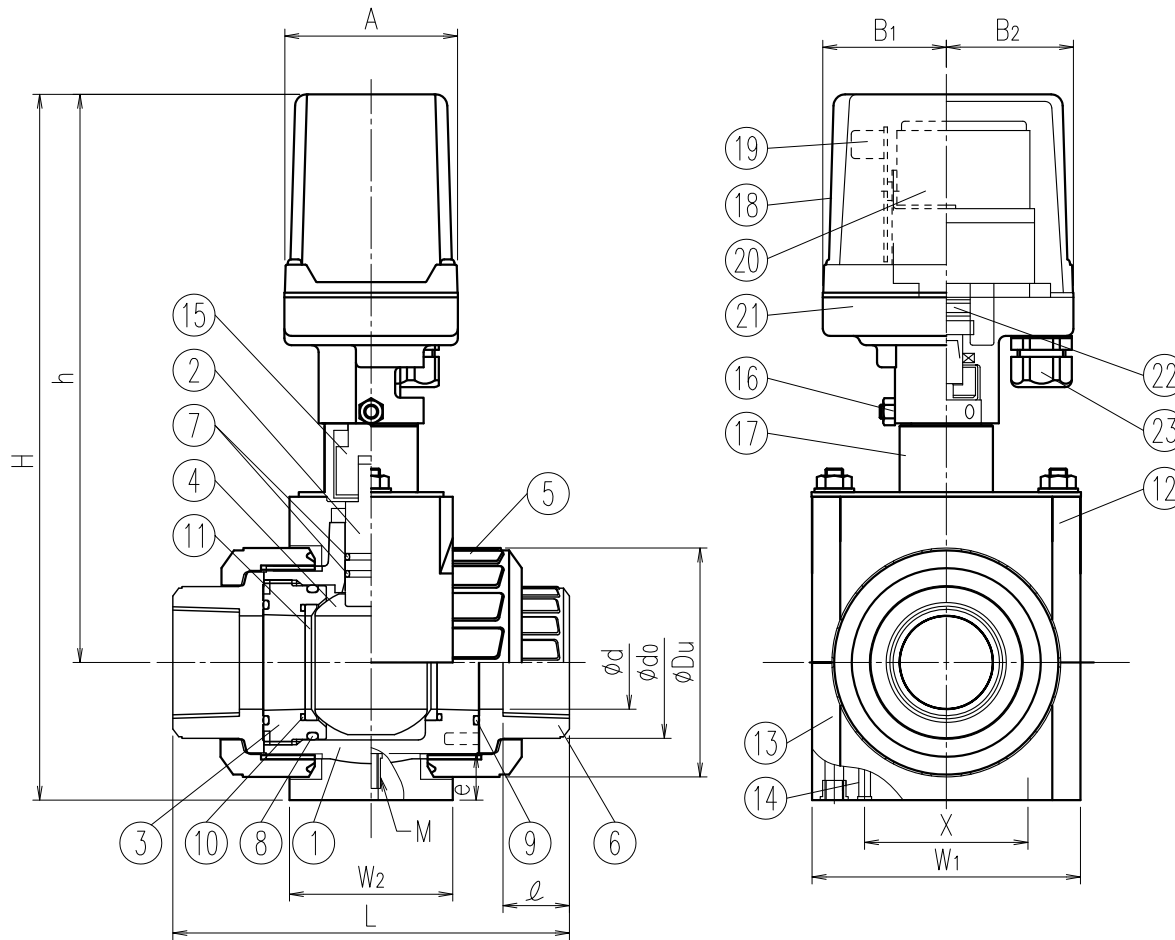
Dimension Table

Unit: mm

Size	A (B)	ød	L			SOCKET									A	B1	B2	ødo	H	h	øDu	W1	W2	Actuator Type	Fixing Insert Nut	
						JIS			ASTM			DIN													X	Mxe
			JIS	ASTM	DIN	ød1	1/T	ℓ	ød1	1/T	ℓ	ød1	1/T	ℓ											16	19
□ 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	74	36	71	33	196	166	49	92	50	AM () -030	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	74	36	71	35	202	168	59	92	50	AM () -070	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	74	36	71	44	220	181	67	92	50	AM () -070	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	74	53	54	54	277	228	81	98	60	AM () -180	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	74	53	54	66	303	244	98	117	70	AM () -180	70	M8x20	

Note) 1. Socket dimension is in accordance with the following standard;ASTM D2467 for ASTM 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	□JIS □ASTM □DIN	Approved by:
Voltage	□AC100V □AC200V	
Actuator Type	□AM1 voltage contact (output) □AM2 no-voltage contact (output)	
Oil Free	□YES	
ESLON Electric Ball Valve : N-Type (Standard) TS Socket Type/ 15-40A		
Drawing No. BVM1540SXE		
SEKISUI SEKISUI CHEMICAL CO.,LTD.		



No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball Stopper	1	□PVC
4	Ball	1	□PVDF
5	Union Nut	2	
6	Thread Socket	2	
7	Stem O-Ring	15-20A * 25-40A	1 2
8	Ball Stopper O-Ring	1	□EPDM
9	Union O-Ring	2	□FKM
10	Ball Seat O-Ring	2	
11	Ball Seat	2	PTFE
12	Upper Mount	1	FRP
13	Lower Mount	1	FRP
14	Fixing Insert Nut	2	C3601
15	Connector	1	C3604
16	Screw	1	SUS304
17	Yoke	1	SUS304
18	Cover	1	PC
19	Terminal Stand	1	-
20	Motor	1	-
21	Actuator Base	1	ADC-12
22	Micro Switch	2	-
23	Electric Conduit Gland	1	PA

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

Actuator Specification			
Type	AM () -030	AM () -070	AM () -180
Rated Torque	3N·m	7N·m	18N·m
Speed (50/60Hz)	5.4/4.5sec	15.5/13sec	16/13.5sec
Power Required	16VA	16VA	19VA
Voltage	AC100/110V·200/220V		
Motor	Synchronous Motor		
Overload Protection	Thermal Protector		
Ambient Temperature Range	-20~55°C		
Duty Cycle	20% 15min.		
Anti Codensation	Space Heater		
Enclosure	JIS C0920 IP65		
Wiring Conduit	G3/8 (For ø5~ø10 Cable)		

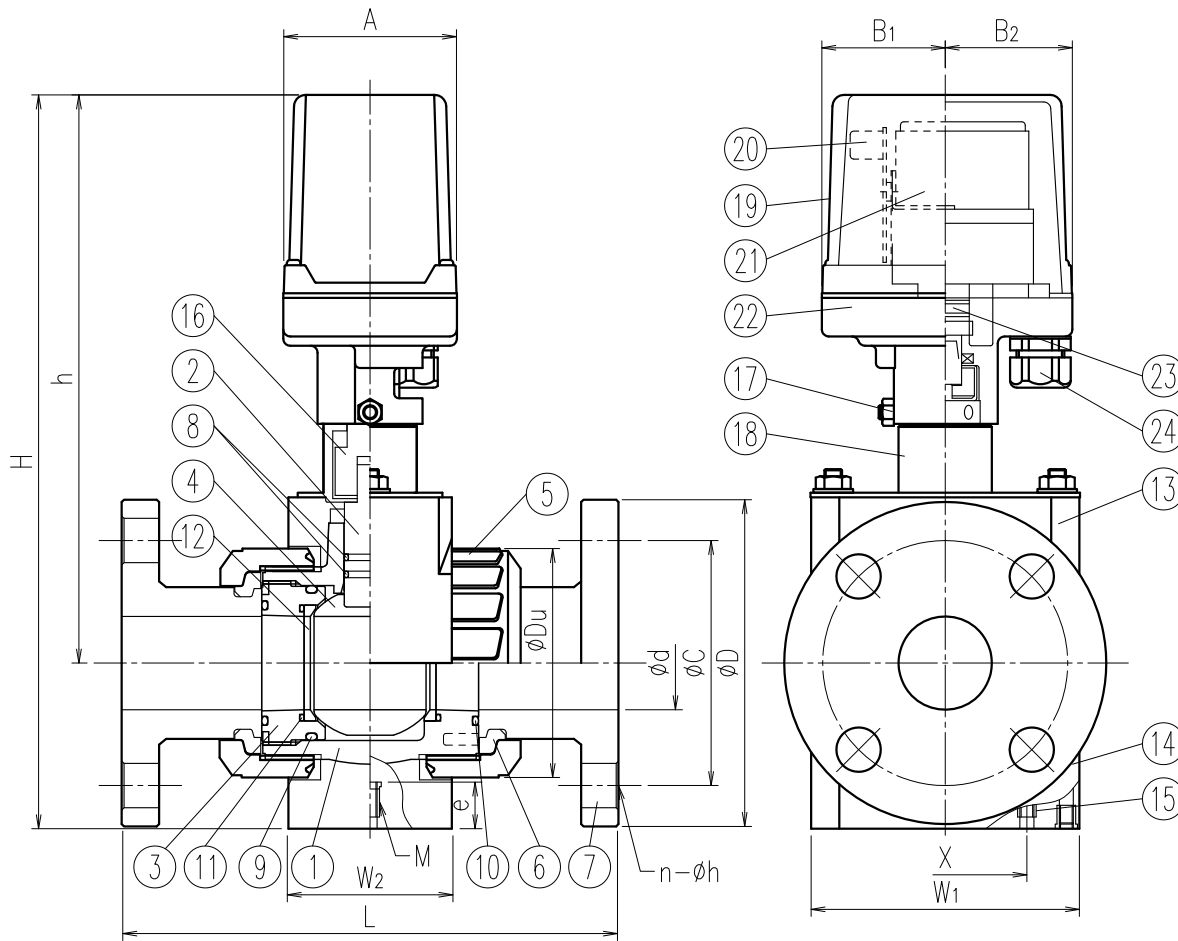
Dimension Table

Unit: mm

Size	A(B)	φd	L		l		Thread			φdo	H	h	φDu	A	B1	B2	W1	W2	Actuator Type	Fixing Insert Nut	
			PVC	PVDF	PVC	PVDF	JIS. DIN	ANSI	DIN											X	Mxe
			Rc	NPT	Rp																
□ 15 (1/2)	15	97±3.0	99±3.0	18	20	1/2	1/2	1/2	30	196	166	49	74	36	71	92	50	AM () -030	50	M6x15	
□ 20 (3/4)	20	117±3.0	116±3.0	18	22	3/4	3/4	3/4	35	202	168	59	74	36	71	92	50	AM () -070	50	M6x15	
□ 25 (1)	25	128±3.0	136±3.0	23	24	1	1	1	44	220	181	67	74	36	71	92	50	AM () -070	50	M6x15	
□ 32 (1·1/4)	32	146±3.0	148±3.0	23	25	1·1/4	1·1/4	1·1/4	54	277	228	81	74	53	54	98	60	AM () -180	55	M6x15	
□ 40 (1·1/2)	40	163±3.0	169±3.0	25	28	1·1/2	1·1/2	1·1/2	65	303	244	98	74	53	54	117	70	AM () -180	70	M8x20	

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

Client name	Date
Socket Standard	□Rc □NPT □Rp
Voltage	□AC100V □AC200V
Actuator Type	□AM1 voltage contact (output) □AM2 no-voltage contact (output)
Oil Free	□YES
ESLON Electric Ball Valve : N-Type (Standard) Thread Socket Type/ 15-40A	
Drawing No. BVM1540NXE	
SEKISUI SEKISUI CHEMICAL CO.,LTD.	



No.	Part Name	Q'TY	Material/Type	
1	Body	1		
2	Stem	1		
3	Ball Stopper	1	□PVC	
4	Ball	1	□HT	
5	Union Nut	2	□PP	
6	Set Ring	2	□PVDF	
7	Flange	2		
8	Stem O-Ring	15-20A * 25-40A	1	
9	Ball Stopper O-Ring	1	□EPDM	
10	Union O-Ring	2	□FKM	
11	Ball Seat O-Ring	2		
12	Ball Seat	2	PTFE	
13	Upper Mount	1	FRP	
14	Lower Mount	1	FRP	
15	Fixing Insert Nut	2	C3601	
16	Connector	1	C3604	
17	Screw	1	SUS304	
18	Yoke	1	SUS304	
19	Cover	1	PC	
20	Terminal Stand	1	-	
21	Motor	1	-	
22	Actuator Base	1	ADC-12	
23	Micro Switch	2	-	
24	Electric Conduit Gland	1	PA	

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

Actuator Specification		
Type	AH1-070	AH1-180
Rated Torque	7N·m	18N·m
Speed (50/60Hz)	3/2.5sec	6/5sec
Power Required	50VA	
Voltage	AC100/110V·200/220V	
Motor	Reversible Motor	
Overload Protection	Thermal Protector	
Ambient Temperature Range	-20~55°C	
Duty Cycle	20% 15min.	
Anti Codensation	Space Heater	
Enclosure	JIS C0920 IP65	
Wiring Conduct	For φ5~φ10 Cable	

Dimension Table

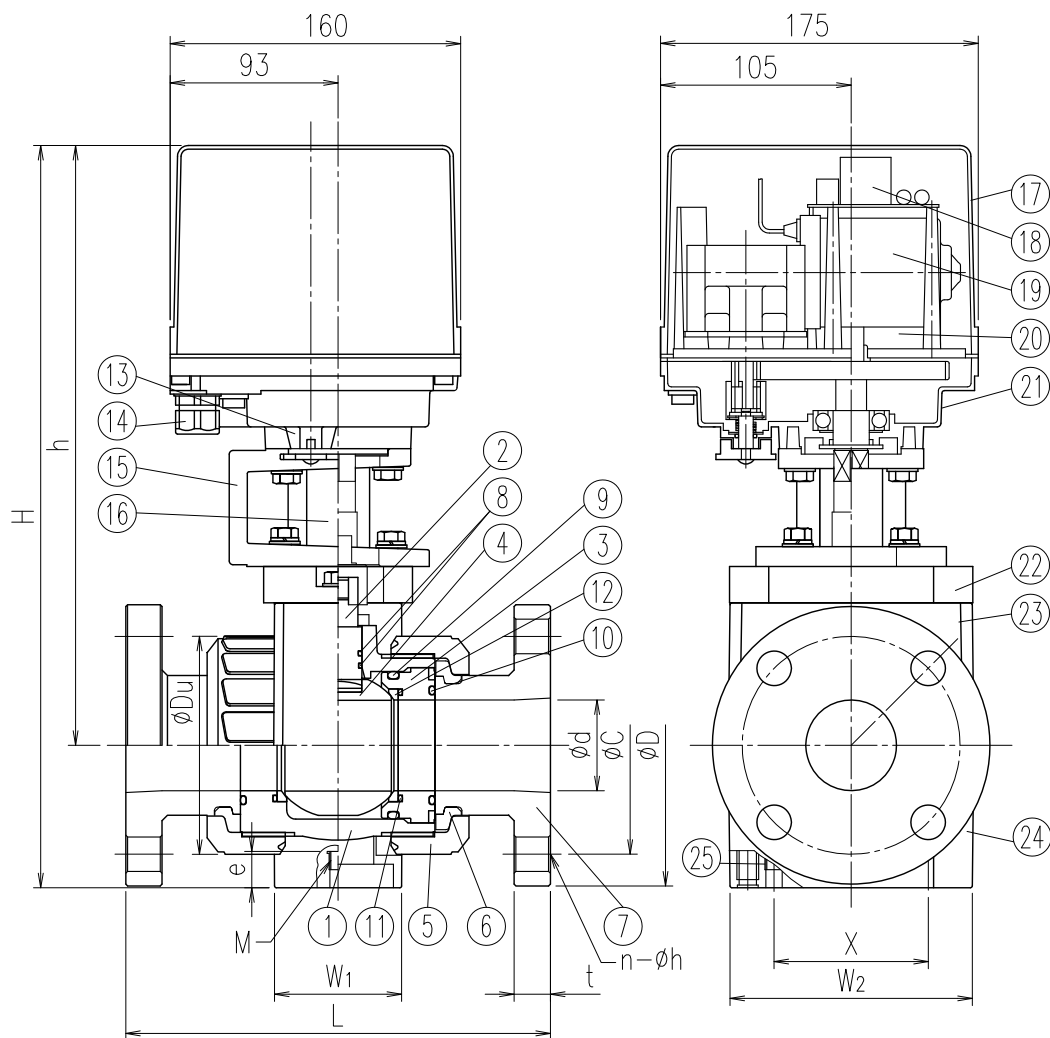
Unit: mm

Size	A (B)	φd	L	FLANGE												H	h	φDu	A	B1	B2	W1	W2	Actuator Type	Fixing Insert Nut	
				JIS10K			ANSI			DIN			X	Mxe												
				φD	φC	n-φh	φD	φC	n-φh	φD	φC	n-φh														
□ 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	215	166	49	74	36	71	92	50	AH1-070	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	220	168	59	74	36	71	92	50	AH1-070	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	245	181	67	74	36	71	92	50	AH1-070	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	297	228	81	74	53	54	98	60	AH1-180	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	315	244	98	74	53	54	117	70	AH1-180	70	M8x20	

Note)

- 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
- 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	□AC100V □AC200V	
Oil Free	□YES	
ESLON Electric Ball Valve : N-Type (Higher Speed)		
Flange Type/15-40A		
Drawing No. BVH1540FXE		
SEKISUI SEKISUI CHEMICAL CO.,LTD.		



Actuator Specification	
Type	AD () -300
Rated Torque	30N·m
Speed	3~4sec
Power consumption	AC power supply: 100VA Max. AC power supply: 80VA Max.
Motor	DC Motor
Overload Protection	Thermistor (AD1) 、 Current limiter (AD2)
Manual Operation Mechanism	Manual Clutch Device
Ambient Temperature Range	-20~55℃
Duty Cycle	20% 15min.
Anti Codensation	Space Heater
Enclosure	JIS C0920 IP65
Wiring Conduct	2-G1/2. For ø6~ø12 Cable

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball Stopper	1	□PVC
4	Ball	1	□HT
5	Union Nut	2	□PP
6	Set Ring	2	□PVDF
7	Flange	2	
8	Stem O-Ring	2	
9	Ball Stopper O-Ring	1	□EPDM
10	Union O-Ring	2	□FKM
11	Ball Seat O-Ring	2	
12	Ball Seat	2	PTFE
13	Manual Operation Handle	1	ADC-12
14	Electric Conduit Gland	1	PA
15	Yoke	1	ADC-12
16	Connector	1	S45C
17	Cover	1	ADC-12
18	Terminal Stand	1	-
19	Motor	1	-
20	Micro Switch	2	-
21	Actuator Base	1	ADC-12
22	Spacer	1	PVC
23	Upper Mount	1	FRP
24	Lower Mount	1	FRP
25	Fixing Insert Nut	2	C3603

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

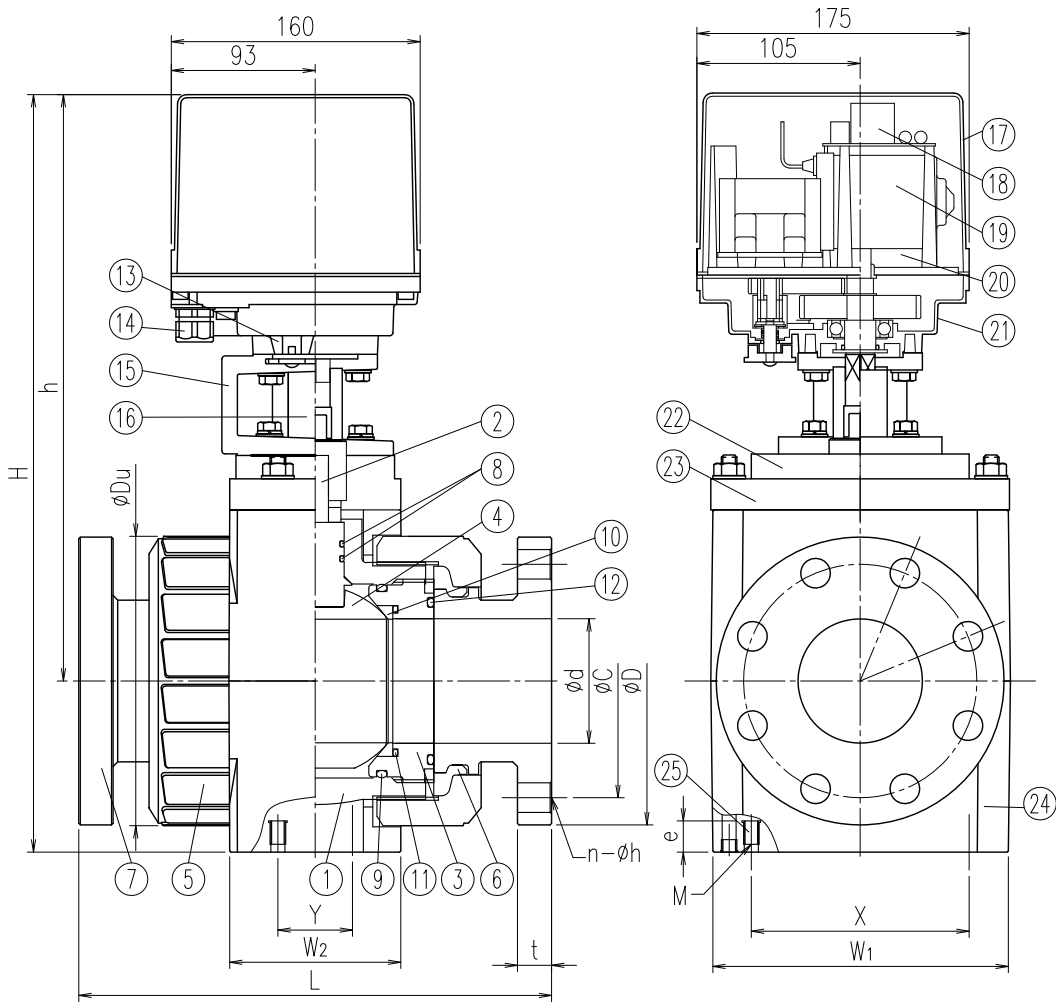
Dimension Table

Size	A (B)	ød	L	FLANGE												H	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								
□	50 (2)	50	234±1.5	155	120	4-19	20	152.0	120.5	4-19	19.5	165	125	4-18	18	410	331	120	135	70	AD () -300	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
Actuator Type	□AD1 voltage contact (output) □AD2 no-voltage contact (output)
Voltage	□AC100V □AC200V □DC24V (AD2)
Oil Free	□YES
ESLON Electric Ball Valve : N-Type (Higher Speed) Flange Type/50A	
Drawing No. BVD50FXE	
SEKISUI SEKISUI CHEMICAL CO.,LTD.	



Actuator Specification	
Type	AD () -300 AD () -700
Rated Torque	30N·m 70N·m
Speed	3~4sec 6~10sec
Power consumption	AC power supply: 100VA Max.
	AC power supply: 80VA Max.
Motor	DC Motor
Overload Protection	Thermistor (AD1)
	Current limiter (AD2)
Manual Operation Mechanism	Manual Clutch Device
Ambient Temperature Range	-20~55℃
Duty Cycle	20% 15min.
Anti Codensation	Space Heater
Enclosure	JIS C0920 IP65
Wiring Conduct	2-G1/2. For $\phi 6\sim\phi 12$ Cable

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball Stopper	2	<input type="checkbox"/> PVC
4	Ball	1	<input type="checkbox"/> HT
5	Union Nut	2	<input type="checkbox"/> PP
6	Set Ring	2	<input type="checkbox"/> PVDF
7	Flange	2	
8	Stem O-Ring	2	
9	Ball Stopper O-Ring	2	<input type="checkbox"/> EPDM
10	Union O-Ring	2	<input type="checkbox"/> FKM
11	Ball Seat O-Ring	2	
12	Ball Seat	2	PTFE
13	Manual Operation Handle	1	ADC-12
14	Electric Conduit Gland	1	PA
15	Yoke	1	ADC-12
16	Connector	1	S45C
17	Cover	1	ADC-12
18	Terminal Stand	1	-
19	Motor	1	-
20	Micro Switch	2	-
21	Actuator Base	1	ADC-12
22	Spacer	1	PVC
23	Upper Mount	1	FRP
24	Lower Mount	1	FRP
25	Fixing Insert Nut	4	C3603

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

Dimension Table

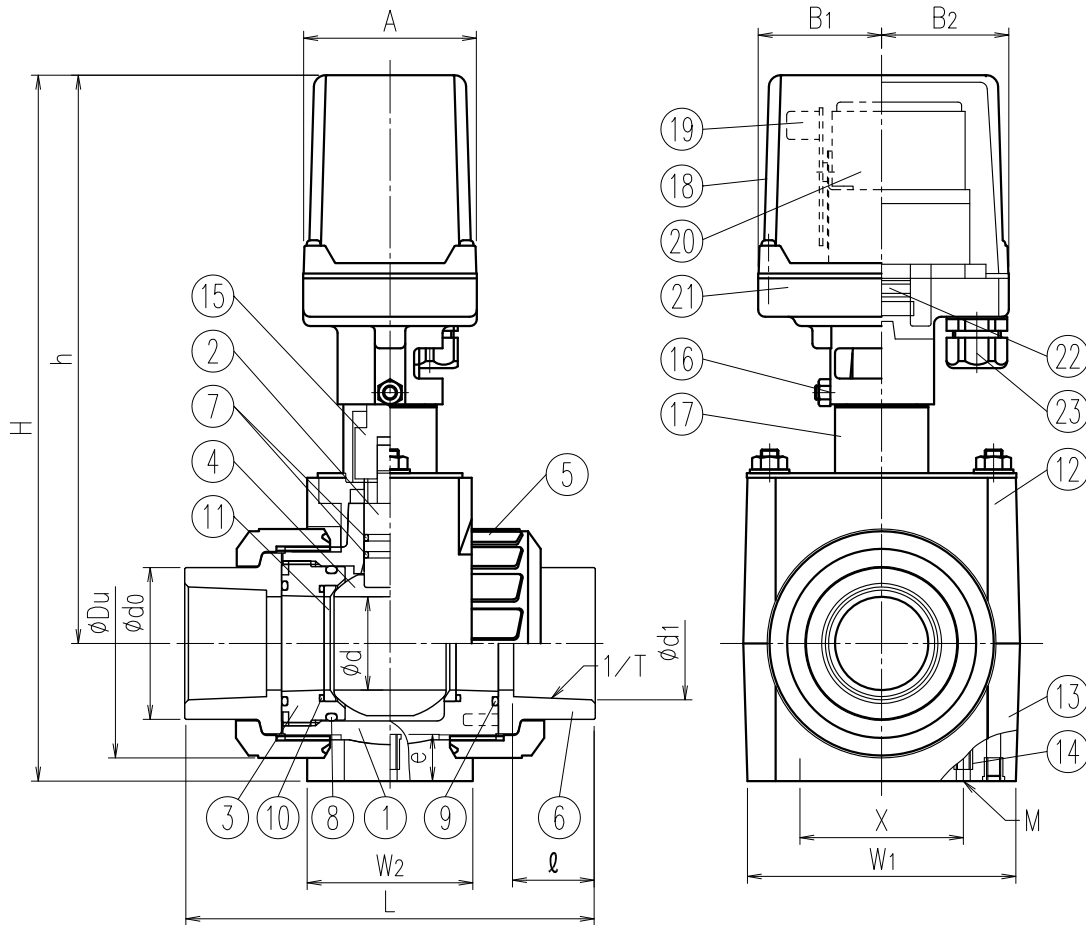
Unit: mm

Size	A (B)	ϕd	L		Flange												H	h	ϕDu	W1	W2	Actuator Type	Fixing Insert Nut		
					JIS10K				ANSI				DIN										X	Y	Mxe
			PVC,HT	PP,PVDF	ϕD	ϕC	n- ϕh	t	ϕD	ϕC	n- ϕh	t	ϕD	ϕC	n- ϕh	t									
<input type="checkbox"/> 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	440	351	150	163	90	AD () -300	115	38	M8x20	
<input type="checkbox"/> 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	487	377	186	198	110	AD () -700	140	48	M8x20	
<input type="checkbox"/> 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	552	412	228	240	110	AD () -700	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
Socket Standard <input type="checkbox"/> JIS10K <input type="checkbox"/> ANSI <input type="checkbox"/> DIN	Approved by:
Actuator Type <input type="checkbox"/> AD1 voltage contact (output) <input type="checkbox"/> AD2 no-voltage contact (output)	
Voltage <input type="checkbox"/> AC100V <input type="checkbox"/> AC200V <input type="checkbox"/> DC24V (AD2)	
Oil Free <input type="checkbox"/> YES	
ESLON Electric Ball Valve : N-Type (Higher Speed) Flange Type/65-100A	
Drawing No. BVD651HFXE	

SEKISUI SEKISUI CHEMICAL CO.,LTD.



No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball Stopper	1	□PVC
4	Ball	1	□HT
5	Union Nut	2	
6	TS Socket	2	
7	Stem O-Ring	15-20A * 25-40A	1 2
8	Ball Stopper O-Ring	1	□EPDM
9	Union O-Ring	2	□FKM
10	Ball Seat O-Ring	2	
11	Ball Seat	2	PTFE
12	Upper Mount	1	FRP
13	Lower Mount	1	FRP
14	Fixing Insert Nut	2	C3601
15	Connector	1	C3604
16	Screw	1	SUS304
17	Yoke	1	SUS304
18	Cover	1	PC
19	Terminal Stand	1	-
20	Motor	1	-
21	Actuator Base	1	ADC-12
22	Micro Switch	2	-
23	Electric Conduit Gland	1	PA

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

Actuator Specification		
Type	AH1-070	AH1-180
Rated Torque	7N·m	18N·m
Speed (50/60Hz)	3/2.5sec	6/5sec
Power Required	50VA	
Voltage	AC100/110V·200/220V	
Motor	Reversible Motor	
Overload Protection	Thermal Protector	
Ambient Temperature Range	-20~55℃	
Duty Cycle	20% 15min.	
Anti Codensation	Space Heater	
Enclosure	JIS C0920 IP65	
Wiring Conduct	For $\phi 5\sim\phi 10$ Cable	

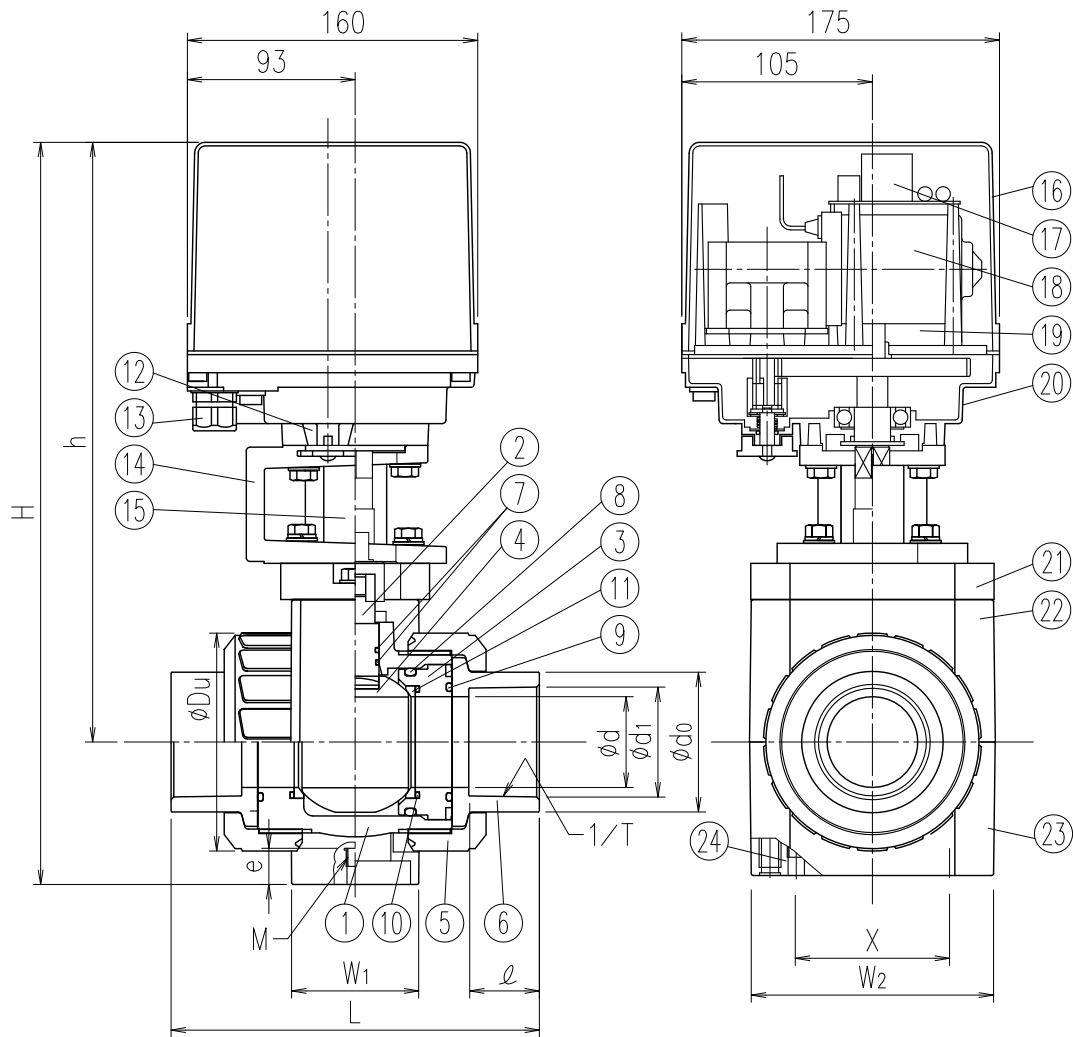
Dimension Table

Unit: mm

Size	A (B)	ϕd	L			SOCKET									Actuator Type	Fixing Insert Nut									
						JIS			ASTM			DIN													
			JIS	ASTM	DIN	$\phi d1$	1/T	ℓ	$\phi d1$	1/T	ℓ	$\phi d1$	1/T	ℓ		A	B1	B2	ϕdo	H	h	ϕDu	W1	W2	X
□ 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	74	36	71	33	223	193	49	92	50	AH1-070	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	74	36	71	35	229	195	59	92	50	AH1-070	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	74	36	71	44	247	208	67	92	50	AH1-070	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	74	53	54	54	277	228	81	98	60	AH1-180	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	74	53	54	66	303	244	98	117	70	AH1-180	70	M8x20

Note) 1. Socket dimension is in accordance with the following standard;ASTM D2467 for ASTM 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	□JIS □ASTM □DIN	Approved by:
Voltage	□AC100V □AC200V	
Oil Free	□YES	
ESLON Electric Ball Valve : N-Type (Higher Speed) TS Socket Type/ 15-40A		
Drawing No. BVH1540SXE		
SEKISUI SEKISUI CHEMICAL CO.,LTD.		



Actuator Specification	
Type	AD () -300
Rated Torque	30N·m
Speed	3~4sec
Power consumption	AC power supply: 100VA Max.
	AC power supply: 80VA Max.
Motor	DC Motor
Overload Protection	Thermistor (AD1) 、 Current limiter (AD2)
Manual Operation Mechanism	Manual Clutch Device
Ambient Temperature Range	-20~55℃
Duty Cycle	20% 15min.
Anti Codensation	Space Heater
Enclosure	JIS C0920 IP65
Wiring Conduit	2-G1/2. For ø6~ø12 Cable

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball Stopper	1	□PVC
4	Ball	1	□PVDF
5	Union Nut	2	
6	TS Socket	2	
7	Stem O-Ring	2	
8	Ball Stopper O-Ring	1	□EPDM
9	Union O-Ring	2	□FKM
10	Ball Seat O-Ring	2	
11	Ball Seat	2	PTFE
12	Manual Operation Handle	1	ADC-12
13	Electric Conduit Gland	1	PA
14	Yoke	1	ADC-12
15	Connector	1	S45C
16	Cover	1	ADC-12
17	Terminal Stand	1	-
18	Motor	1	-
19	Micro Switch	2	-
20	Actuator Base	1	ADC-12
21	Spacer	1	PVC
22	Upper Mount	1	FRP
23	Lower Mount	1	FRP
24	Fixing Insert Nut	2	C3603

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

Dimension Table

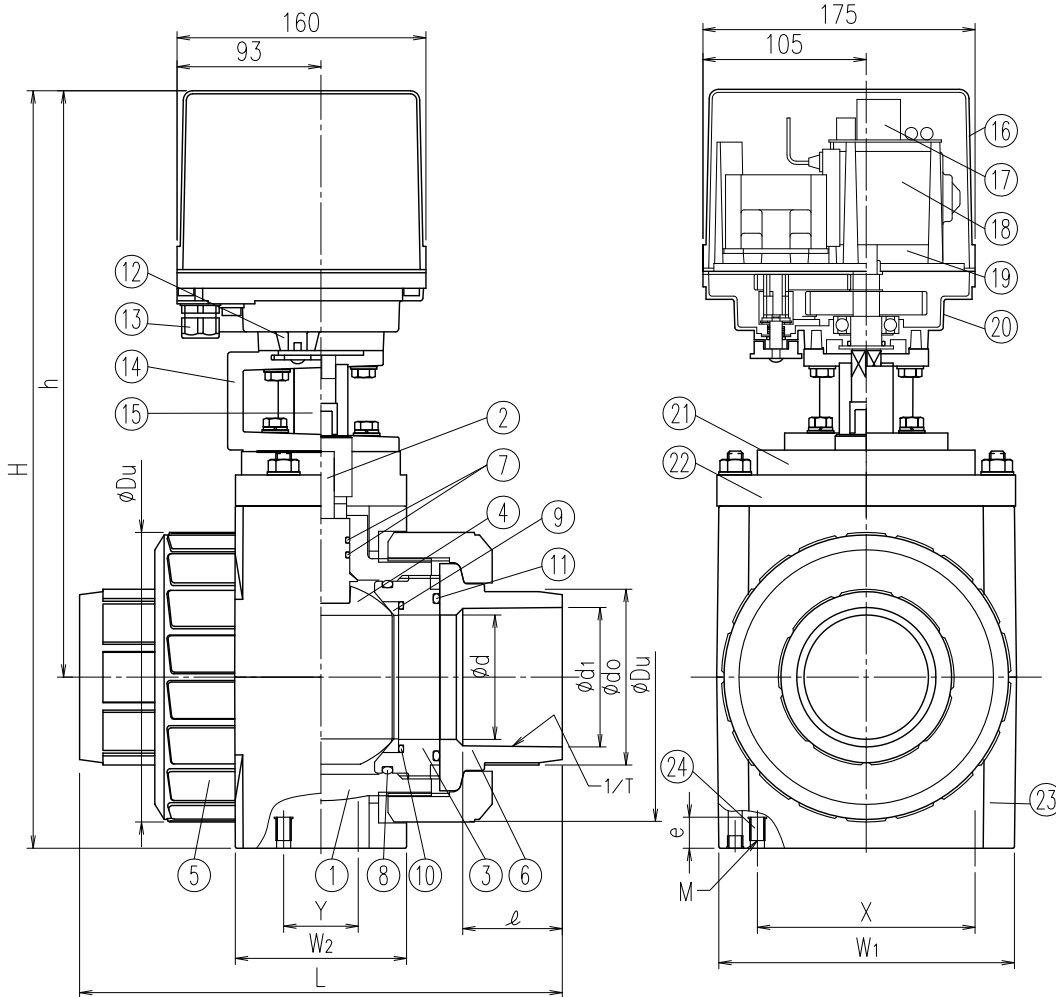
Unit: mm

SIZE	A (B)	ød	SOCKET												ødo	H	h	øDu	W1	W2	Actuator Type	Fixing Insert Nut	
			L			JIS			ASTM			DIN										X	Mxe
			JIS	ASTM	DIN	ød1	1/T	ℓ	ød1	1/T	ℓ	ød1	1/T	ℓ									
□	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	405	331	120	135	70	AD () -300	85	M8x20

Note) 1. Socket dimension is in accordance with the following standard;ASTM D2467 for ASTM 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	□JIS □ASTM □DIN
Actuator Type	□AD1 voltage contact (output) □AD2 no-voltage contact (output)
Voltage	□AC100V □AC200V □DC24V (AD2)
Oil Free	□YES
ESLON Electric Ball Valve : N-Type (Higher Speed) TS Socket Type/50A	
Drawing No. BVD50SXE	
Approved by:	

SEKISUI SEKISUI CHEMICAL CO.,LTD.



Actuator Specification		
Type	AD () -300	AD () -700
Rated Torque	30N·m	70N·m
Speed	3~4sec	6~10sec
Power consumption	AC power supply: 100VA Max.	
	AC power supply: 80VA Max.	
Motor	DC Motor	
Overload Protection	Thermistor (AD1)	
	Current limiter (AD2)	
Manual Operation Mechanism	Manual Clutch Device	
	Ambient Temperature Range	
-20~55℃		
Duty Cycle	20% 15min.	
Anti Codensation	Space Heater	
Enclosure	JIS C0920 IP65	
Wiring Conduct	2-G1/2. For φ6~φ12 Cable	

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball Stopper	2	□PVC
4	Ball	1	□HT
5	Union Nut	2	
6	TS Socket	2	
7	Stem O-Ring	2	
8	Ball Stopper O-Ring	2	□EPDM
9	Union O-Ring	2	□FKM
10	Ball Seat O-Ring	2	
11	Ball Seat	2	PTFE
12	Manual Operation Handle	1	ADC-12
13	Electric Conduit Gland	1	PA
14	Yoke	1	ADC-12
15	Connector	1	S45C
16	Cover	1	ADC-12
17	Terminal Stand	1	-
18	Motor	1	-
19	Micro Switch	2	-
20	Actuator Base	1	ADC-12
21	Spacer	1	PVC
22	Upper Mount	1	FRP
23	Lower Mount	1	FRP
24	Fixing Insert Nut	4	C3603

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

Dimension Table

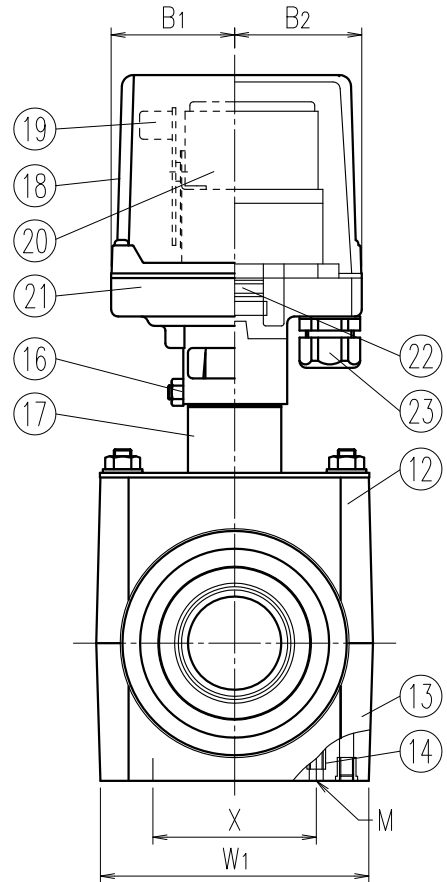
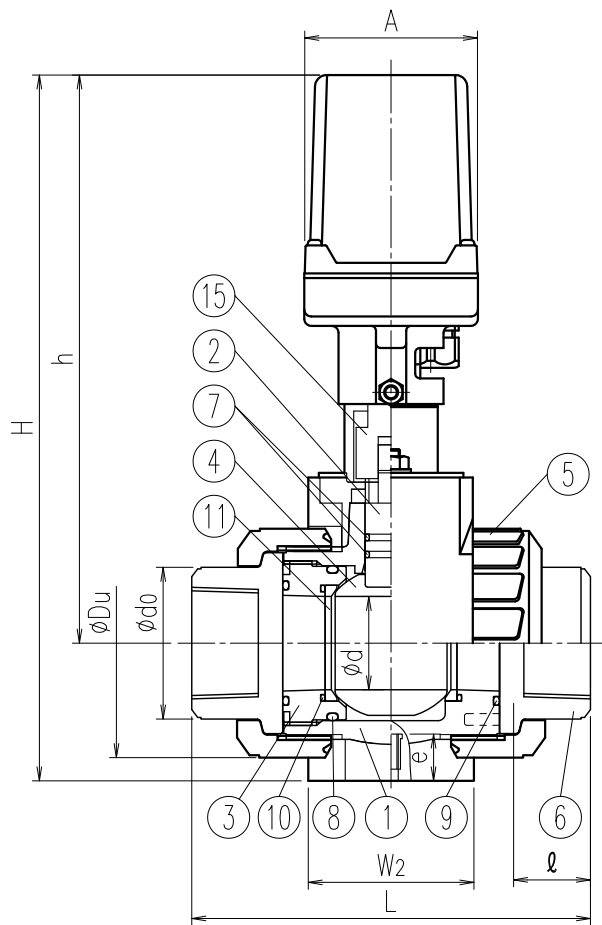
Size	A (B)	φd	L												φdo	H	h	φDu	W1	W2	Actuator Type	Fixing Insert Nut		
			JIS			ASTM			DIN			X	Y	Mxe										
			φd1	1/T	ℓ	φd1	1/T	ℓ	φd1	1/T	ℓ													
□ 65 (2 1/2)	65	259±3.0	211±3.0	211±3.0	76.6	1/48	61	73.38	1/84	44.45	75.3	1/220	44	96	440	351	150	163	90	AH () -300	115	38	M8x10	
□ 80 (3)	80	311±3.0	262±3.0	263±3.0	89.6	1/49	64	89.31	1/78	47.63	90.3	1/255	51	113	487	377	186	198	110	AH () -700	140	48	M8x10	
□ 100 (4)	100	390±3.0	315±3.0	315±3.0	114.7	1/56	84	114.76	1/87	57.15	110.4	1/203	61	144	552	412	228	240	110	AH () -700	180	59	M8x10	

Note) 1. Socket dimension is in accordance with the following standard;ASTM D2467 for ASTM 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	□JIS □ASTM □DIN
Actuator Type	□AH1 voltage contact (output) □AH2 no-voltage contact (output)
Voltage	□AC100V □AC200V □DC24V (AD2)
Oil Free	□YES

ESLON Electric Ball Valve : N-Type (Higher Speed)
 TS Socket Type/65-100A
 Drawing No. BVD651HSXE

SEKISUI SEKISUI CHEMICAL CO.,LTD.



No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball Stopper	1	□PVC
4	Ball	1	□HT
5	Union Nut	2	
6	Thread Socket	2	
7	Stem O-Ring	15-20A * 25-40A	1 2
8	Ball Stopper O-Ring	1	□EPDM
9	Union O-Ring	2	□FKM
10	Ball Seat O-Ring	2	
11	Ball Seat	2	PTFE
12	Upper Mount	1	FRP
13	Lower Mount	1	FRP
14	Fixing Insert Nut	2	C3601
15	Connector	1	C3604
16	Screw	1	SUS304
17	Yoke	1	SUS304
18	Cover	1	PC
19	Terminal Stand	1	-
20	Motor	1	-
21	Actuator Base	1	ADC-12
22	Micro Switch	2	-
23	Electric Conduit Gland	1	PA

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

Actuator Specification		
Type	AH1-070	AH1-180
Rated Torque	7N·m	18N·m
Speed (50/60Hz)	3/2.5sec	6/5sec
Power Required	50VA	
Voltage	AC100/110V·200/220V	
Motor	Reversible Motor	
Overload Protection	Thermal Protector	
Ambient Temperature Range	-20~55°C	
Duty Cycle	20% 15min.	
Anti Codensation	Space Heater	
Enclosure	JIS C0920 IP65	
Wiring Conduct	For $\phi 5\sim\phi 10$ Cable	

Dimension Table

Unit: mm

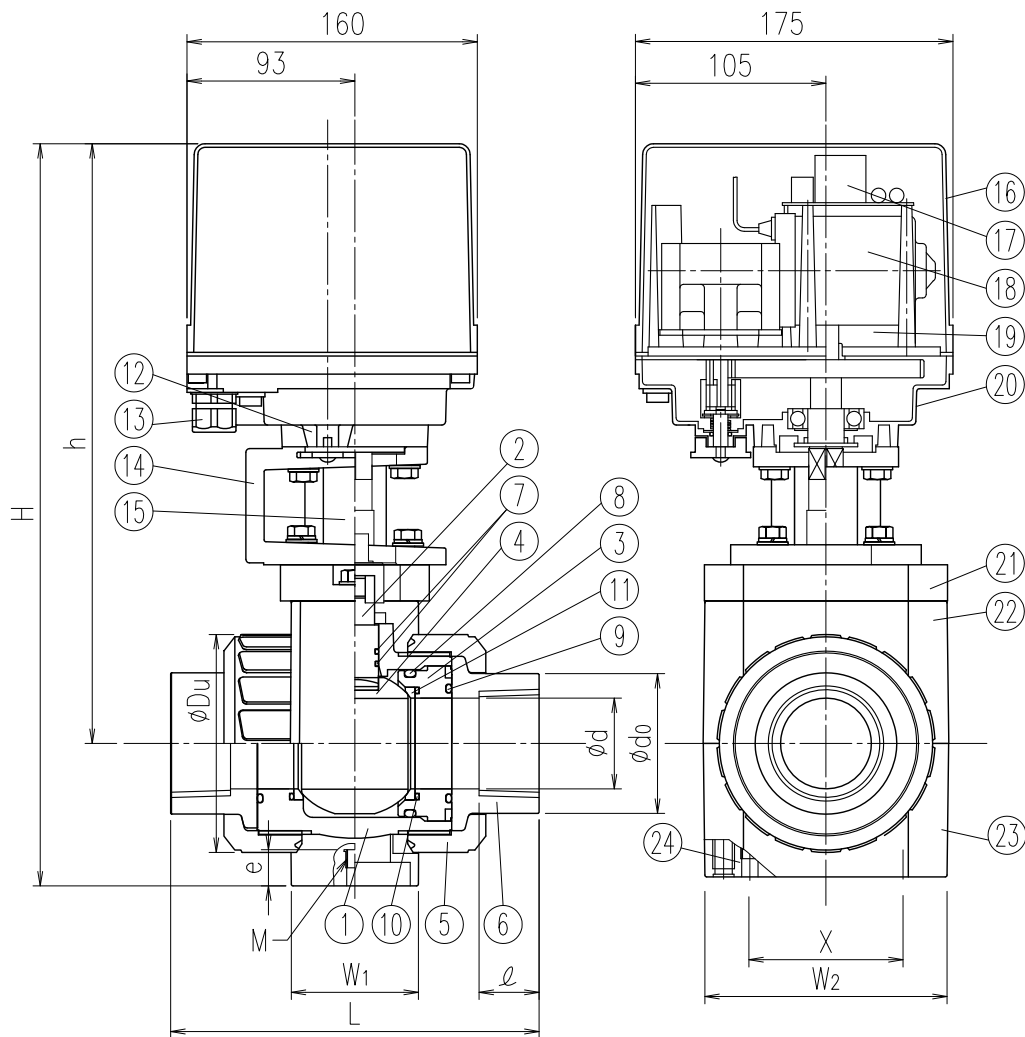
Size	A (B)	ϕd	L				Thread			ϕd_0	H	h	ϕDu	A	B1	B2	W1	W2	Actuator Type	Fixing Insert Nut	
			PVC	PVDF	PVC	PVDF	JIS, DIN	ANSI	DIN											X	Mxe
							Rc	NPT	Rp												
□ 15 (1/2)	15	97±3.0	99±3.0	18	20	1/2	1/2	1/2	30	223	193	49	74	36	71	92	50	AH1-070	50	M6x15	
□ 20 (3/4)	20	117±3.0	116±3.0	18	22	3/4	3/4	3/4	35	229	195	59	74	36	71	92	50	AH1-070	50	M6x15	
□ 25 (1)	25	128±3.0	136±3.0	23	24	1	1	1	44	247	208	67	74	36	71	92	50	AH1-070	50	M6x15	
□ 32 (1·1/4)	32	146±3.0	148±3.0	23	25	1·1/4	1·1/4	1·1/4	54	277	228	81	74	53	54	98	60	AH1-180	55	M6x15	
□ 40 (1·1/2)	40	163±3.0	169±3.0	25	28	1·1/2	1·1/2	1·1/2	65	303	244	98	74	53	54	117	70	AH1-180	70	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
Socket Standard	□Rc □NPT □Rp	Approved by:
Voltage	□AC100V □AC200V	
Oil Free	□YES	

ESLON Electric Ball Valve : N-Type (Higher Speed)
 Thread Socket Type/ 15-40A
 Drawing No. | BVH1540NXE

SEKISUI SEKISUI CHEMICAL CO.,LTD.



Actuator Specification		No.	Part Name	Q'TY	Material/Type
Type	AD () -300	1	Body	1	
Rated Torque	30N·m	2	Stem	1	
Speed	3~4sec	3	Ball Stopper	1	□PVC
Power consumption	AC power supply: 100VA Max.	4	Ball	1	□PVDF
	AC power supply: 80VA Max.	5	Union Nut	2	
Motor	DC Motor	6	Thread Socket	2	
Overload Protection	Thermistor (AD1) 、 Current limiter (AD2)	7	Stem O-Ring	2	
		8	Ball Stopper O-Ring	1	□EPDM
Manual Operation Mechanism	Manual Clutch Device	9	Union O-Ring	2	□FKM
		10	Ball Seat O-Ring	2	
Ambient Temperature Range	-20~55℃	11	Ball Seat	2	PTFE
Duty Cycle	20% 15min.	12	Manual Operation Handle	1	ADC-12
Anti Codensation	Space Heater	13	Electric Conduit Gland	1	PA
Enclosure	JIS C0920 IP65	14	Yoke	1	ADC-12
Wiring Conduct	2-G1/2. For φ6~φ12 Cable	15	Connector	1	S45C
		16	Cover	1	ADC-12
		17	Terminal Stand	1	-
		18	Motor	1	-
		19	Micro Switch	2	-
		20	Actuator Base	1	ADC-12
		21	Spacer	1	PVC
		22	Upper Mount	1	FRP
		23	Lower Mount	1	FRP
		24	Fixing Insert Nut	2	C3603

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

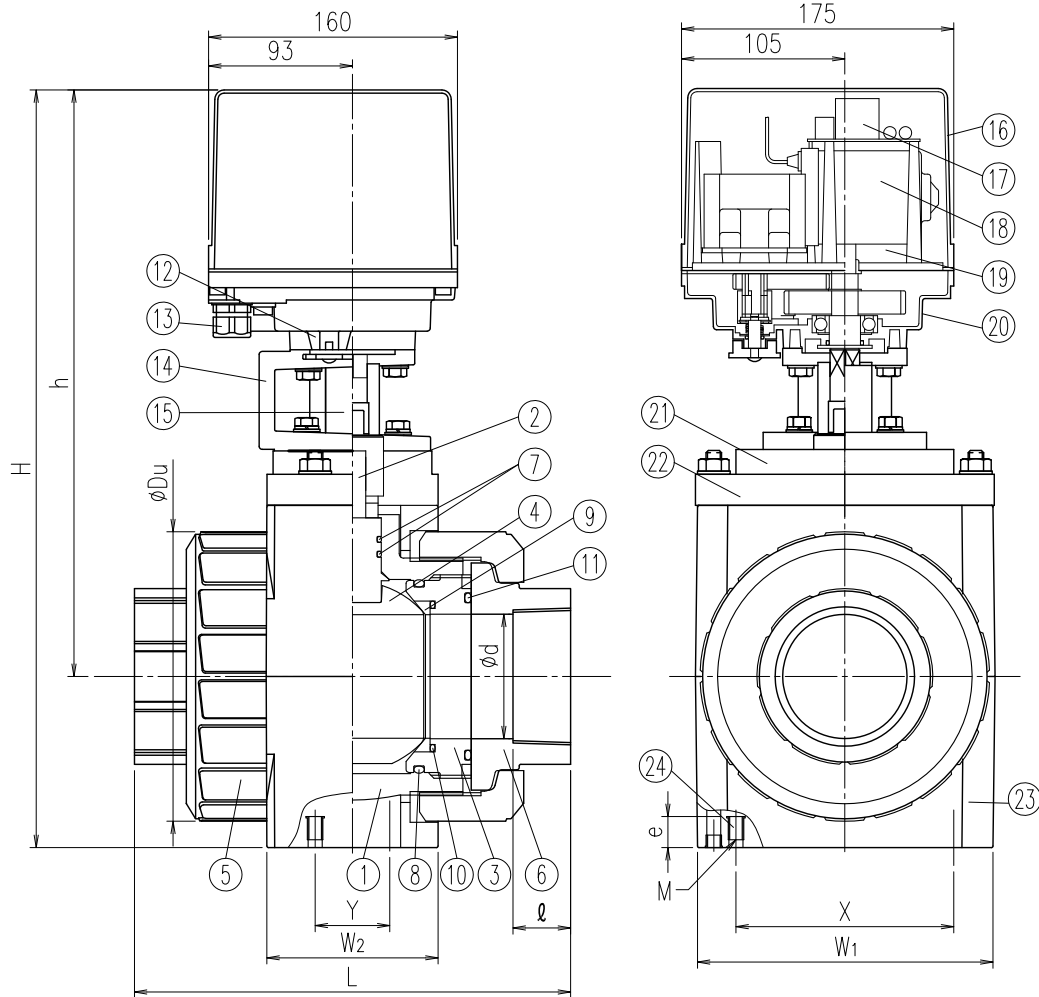
Dimension Table

Unit: mm

Size	A (B)	φd	L		Thread			ℓ	φdo	H	h	φDu	W1	W2	Actuator Type	Fixing Insert Nut	
			PVC	PVDF	JIS (Rc) 、 DIN (Rc)	ANSI (NPT)	DIN (Rp)									X	Mxe
□	50 (2)	50	188±3.0	196±3.0	2	2	2	30	77	405	331	120	135	70	AD () -300	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
Socket Standard	□Rc □NPT □Rp
Actuator Type	□AD1 voltage contact (output) □AD2 no-voltage contact (output)
Voltage	□AC100V □AC200V □DC24V (AD2)
Oil Free	□YES
ESLON Electric Ball Valve : N-Type (Higher Speed) Thread Socket Type/50A	
Drawing No. BVD50NXE	
SEKISUI SEKISUI CHEMICAL CO.,LTD.	



Actuator Specification	
Type	AD () -300 AD () -700
Rated Torque	30N·m 70N·m
Speed	3~4sec 6~10sec
Power consumption	AC power supply: 100VA Max.
	AC power supply: 80VA Max.
Motor	DC Motor
Overload Protection	Thermistor (AD1)
	Current limiter (AD2)
Manual Operation Mechanism	Manual Clutch Device
Ambient Temperature Range	-20~55℃
Duty Cycle	20% 15min.
Anti Codensation	Space Heater
Enclosure	JIS C0920 IP65
Wiring Conduct	2-G1/2. For ø6~ø12 Cable

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball Stopper	2	□PVC
4	Ball	1	□PVDF
5	Union Nut	2	
6	Thread Socket	2	
7	Stem O-Ring	2	
8	Ball Stopper O-Ring	2	□EPDM
9	Union O-Ring	2	□FKM
10	Ball Seat O-Ring	2	
11	Ball Seat	2	PTFE
12	Manual Operation Handle	1	ADC-12
13	Electric Conduit Gland	1	PA
14	Yoke	1	ADC-12
15	Connector	1	S45C
16	Cover	1	ADC-12
17	Terminal Stand	1	-
18	Motor	1	-
19	Micro Switch	2	-
20	Actuator Base	1	ADC-12
21	Spacer	1	PVC
22	Upper Mount	1	FRP
23	Lower Mount	1	FRP
24	Fixing Insert Nut	4	C3603

* Stem O-Ring material will be FKM+PTFE in case of Oil Free.

Dimension Table

Unit: mm

Size	A (B)	ød	Thread					ℓ	ødo	H	h	øDu	W1	W2	Actuator Type	Fixing Insert Nut		
			JIS (Rc) , DIN (Rc)		ANSI (NPT)		DIN (Rp)									X	Y	Mxe
			Rc	L	NPT	L	Rp											
□ 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	440	351	150	163	90	AH () -300	115	38	M8x10
□ 80 (3)	80	3	278±3.0	3	261±3.0	3	261±3.0	37	113	487	377	186	198	110	AH () -700	140	48	M8x10
□ 100 (4)	100	4	330±3.0	4	315±3.0	4	315±3.0	45	144	552	412	228	240	110	AH () -700	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
Socket Standard	□Rc □NPT □Rp
Actuator Type	□AH1 voltage contact (output) □AH2 no-voltage contact (output)
Voltage	□AC100V □AC200V □DC24V (AD2)
Oil Free	□YES
ESLON Electric Ball Valve : N-Type (Higher Speed) Thread Socket Type/65-100A	
Drawing No. BVD651HNXE	

SEKISUI SEKISUI CHEMICAL CO.,LTD.