

No.	Part Name	Q'TY	Material/Type
1	Body	1	
2	Stem	1	
3	Ball holder	1	
4	Ball	1	PVC
5	Union nut	2	
6	Set Ring	2	
7	Flange	2	
8	Stem O-ring	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	Electric Actuator	1	-
14	Yoke	1	SUS304
15	Joint	1	SUS303
16	Stud Bolt	2	SUS304
17	Nut	2	SUS304
18	Spring Washer	2	SUS304
19	Washer	2	SUS304
20	Yoke	1	FRP
21	Upper Mount	1	FRP
22	Lower Mount	1	FRP
23	Insert Nut	2	C3601

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

Actuator Specification		
Type	MRP5	MRP6
Open-Close time	10sec	13sec
Operating Voltage	DC24V	
Motor Type	Stepper Motor	
Input Signal	DC1-20mA (Input Resistance 250 Ω)	
Output Signal	DC1-5V (Allowable Load Resistance 5K Ω or more)	
Resolution	MAX1/1000	
Insulation resistance	100M Ω or more/DC500V	
Power consumption	approx. 14.4W	
Protection Class	IP66	

Dimension Table

Unit: mm

Size	A (B)	ϕd	L	FLANGE												H	h	ϕDu	A1	A2	B	W1	W2	Actuator Type	Fixing Insert Nut	
				JIS10K				ANSI				DIN													X	Mxe
				ϕD	ϕC	$n-\phi h$	t	ϕD	ϕC	$n-\phi h$	t	ϕD	ϕC	$n-\phi h$	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	316	267	49	63	58	98	92	50	MRP5	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	321	270	59	63	58	98	92	50	MRP5	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	346	282	67	63	58	98	92	50	MRP5	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	355	286	81	63	58	98	98	60	MRP5	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	407	336	98	56	118	110	117	70	MRP6	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	422	343	120	56	118	110	135	70	MRP6	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

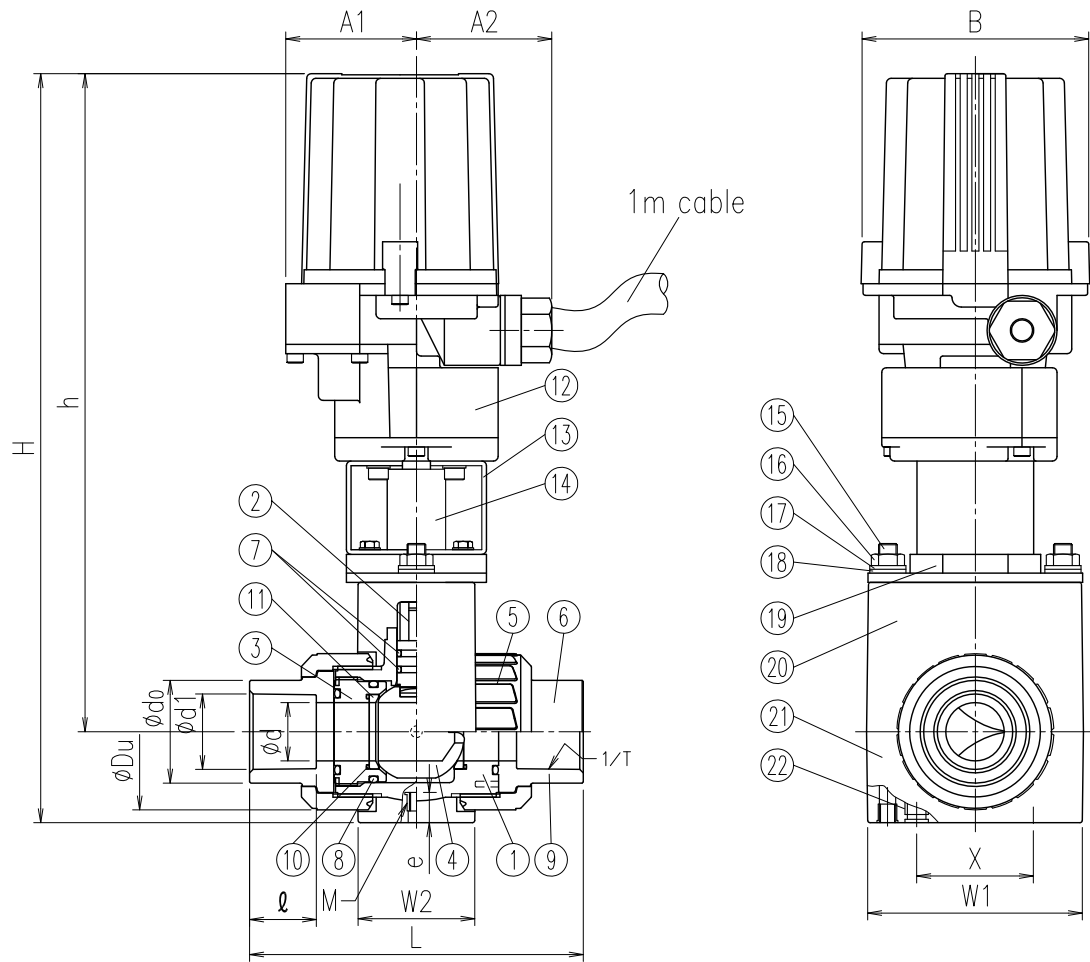
2. If a fixing insert bolt is used, it should not be screwed in beyond dimension e.

Client name		Date
Voltage	□DC24V (Standard) □AC100V (Special order)	Approved by:
Socket Standard	□JIS10K □ANSI □DIN	
Oil Free	□YES	

ESLON Electric YP Ball Valve
Flange Type/15 (1/2") -50 (2")

Drawing No. YVM1550FXE

SEKISUI SEKISUI CHEMICAL CO.,LTD.



No.	Part Name	Q'TY	Material/Type
1	Body	1	PVC
2	Stem	1	
3	Ball holder	1	
4	Ball	1	
5	Union nut	2	□EPDM □FKM
6	Socket	2	
7	Stem O-ring (*)	15-20A: 1 25-50A: 2	
8	Ball holder O-ring	1	
9	Union O-ring	2	
10	Ball seat O-ring	2	
11	Ball Seat	2	PTFE
12	Electric Actuator	1	-
13	Yoke	1	SUS304
14	Joint	1	SUS303
15	Stud Bolt	2	SUS304
16	Nut	2	SUS304
17	Spring Washer	2	SUS304
18	Washer	2	SUS304
19	Yoke	1	FRP
20	Upper Mount	1	FRP
21	Lower Mount	1	FRP
22	Insert Nut	2	C3601

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

Type	MRP5	MRP6
Open-Close time	10sec	13sec
Operating Voltage	DC24V	
Motor Type	Stepper Motor	
Input Signal	DC4-20mA (Input Resistance 250Ω)	
Output Signal	DC1-5V (Allowable Load Resistance 5KΩ or more)	
Resolution	MAX1/1000	
Insulation resistance	100MΩ or more/DC500V	
Power consumption	approx. 14.4W	
Protection Class	IP66	

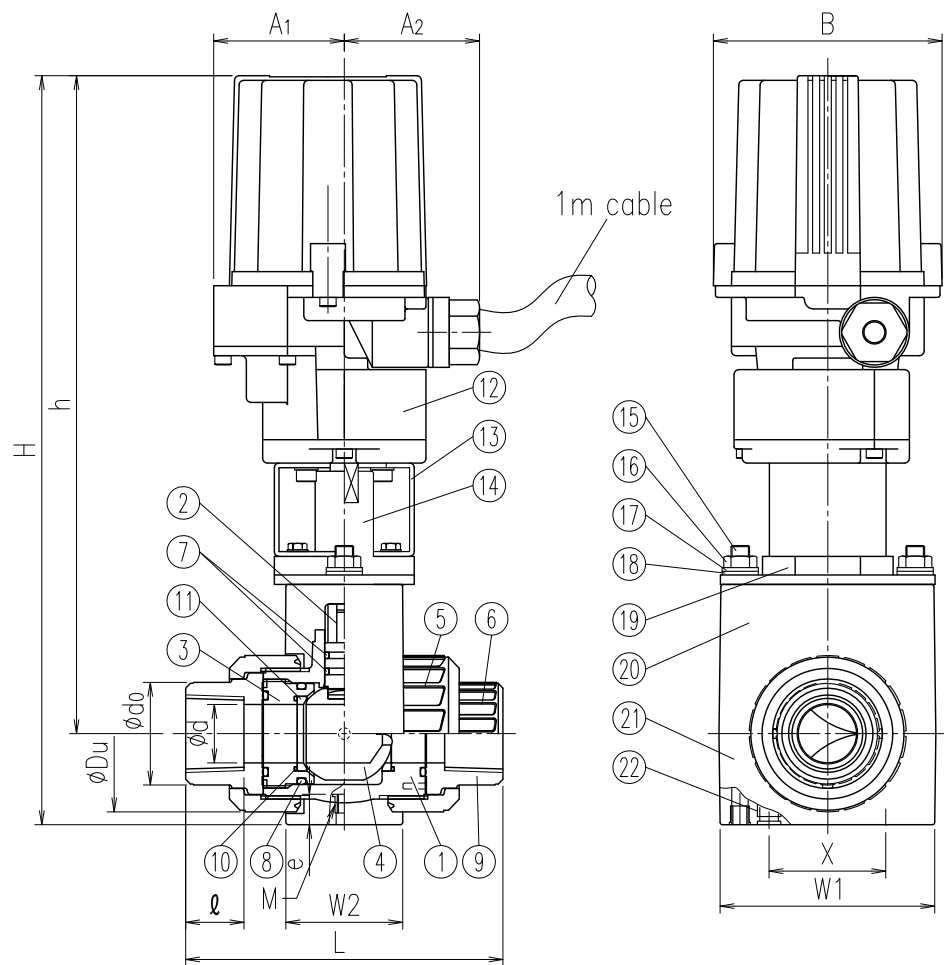
Dimension Table

Unit: mm

Size	A (B)	φd	SOCKET												H	h	φDu	A1	A2	B	W1	W2	Actuator Type	Fixing Insert Nut	
			JIS			ASTM			DIN			X	Mxe												
			JIS	ASTM	DIN	φd1	1/T	ℓ	φd1	1/T	ℓ			φd1										1/T	ℓ
□ 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	296	267	49	63	58	98	53	93	MRP5	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	304	270	59	63	58	98	53	93	MRP5	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	321	282	67	63	58	98	53	93	MRP5	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	335	286	81	63	58	98	61	98	MRP5	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	395	336	98	56	118	110	70	117	MRP6	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	417	343	120	56	118	110	70	135	MRP6	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
Voltage	□DC24V (Standard) □AC100V (Special order)	Approved by:
Socket Standard	□JIS □ASTM □DIN	
Oil Free	□YES	
ESLON Electric YP Ball Valve TS Socket Type/15 (1/2") -50 (2")		
Drawing No. YVM1550SXE		
SEKISUI SEKISUI CHEMICAL CO.,LTD.		



No.	Part Name	Q'TY	Material/Type
1	Body	1	PVC
2	Stem	1	
3	Ball holder	1	
4	Ball	1	
5	Union nut	2	□EPDM □FKM
6	Thread Socket	2	
7	Stem O-ring (*)	15-20A 1 25-50A 2	
8	Ball holder O-ring	1	
9	Union O-ring	2	
10	Ball seat O-ring	2	
11	Ball Seat	2	PTFE
12	Electric Actuator	1	-
13	Yoke	1	SUS304
14	Joint	1	SUS303
15	Stud Bolt	2	SUS304
16	Nut	2	SUS304
17	Spring Washer	2	SUS304
18	Washer	2	SUS304
19	Yoke	1	FRP
20	Upper Mount	1	FRP
21	Lower Mount	1	FRP
22	Insert Nut	2	C3601

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

Type	MRP5	MRP6
Open-Close time	10sec	13sec
Operating Voltage	DC24V	
Motor Type	Stepper Motor	
Input Signal	DC4-20mA (Input Resistance 250Ω)	
Output Signal	DC1-5V (Allowable Load Resistance 5KΩ or more)	
Resolution	MAX1/1000	
Insulation resistance	100MΩ or more/DC500V	
Power consumption	approx. 14.4W	
Protection Class	IP66	

Dimension Table

Size	A (B)	φd	L	Thread			ℓ	φdo	H	h	φDu	A1	A2	B	W1	W2	Actuator Type	Fixing Insert Nut	
				JIS (Rc)	DIN (Rc)	ANSI (NPT)												DIN (Rp)	X
□ 15 (1/2)	15	97±3.0	1/2	1/2	1/2	18	30	296	267	49	63	58	98	92	50	MRP5	50	M6x15	
□ 20 (3/4)	20	117±3.0	3/4	3/4	3/4	18	35	304	270	59	63	58	98	92	50	MRP5	50	M6x15	
□ 25 (1)	25	128±3.0	1	1	1	23	44	321	282	67	63	58	98	92	50	MRP5	50	M6x15	
□ 32 (1·1/4)	32	146±3.0	1·1/4	1·1/4	1·1/4	23	54	335	286	81	63	58	98	98	60	MRP5	55	M6x15	
□ 40 (1·1/2)	40	163±3.0	1·1/2	1·1/2	1·1/2	25	65	395	336	98	56	118	110	117	70	MRP6	70	M8x20	
□ 50 (2)	50	188±3.0	2	2	2	30	77	417	343	120	56	118	110	135	70	MRP6	85	M8x20	

Unit: mm

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	□DC24V (Standard) □AC100V (Special order)	Approved by:
Thread Standard	□Rc □NPT □Rp	
Oil Free	□YES	
ESLON Electric YP Ball Valve Thread Socket Type/15 (1/2") -50 (2")		
Drawing No. YVM1550NXE		

SEKISUI SEKISUI CHEMICAL CO.,LTD.