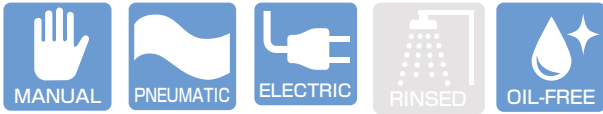


JIS ANSI/ASME/ASTM DIN/ISO



Operating Temperature(°C)

PVC	0 ~ 50	PP	-20 ~ 80
HT-CPVC	0 ~ 90	PVDF	-20 ~ 100



## ESLON ELECTRIC BALL VALVE TYPE K

### Feature

- Light weight and compact of actuator with aluminum die-cast housing.
- Excellent chemical and corrosion resistance.
- Visual position indicator on actuator.
- Easy flow control and water hammer prevention by slow action.
- Suitable for frequent operation with constant rating type of motor onboard.
- Conformity with CE.

### Specification of Actuator

Nominal diameter(A)	15~65A	80·100A	
Input system	Power switching system		
Contact output	Power supply voltage		
Operating voltage	Single-phase AC100,200V(50/60Hz)		
Motor	Type	Reversible motor	
	Time rating	Continuous rating	
Protect	Thermal protect inside Adjustable mechanical stopper for open and close-side		
Rated current	100/110V	0.7/0.9A	0.65/0.70A
	200/220V	0.4/0.5A	0.35/0.40A
Manual operation	Drive shaft direct operation		
Connector type	G 1/2 Conduit (t t Cable OD φ9-11)		
Material	ADC12 Resin Coating		
Protection	IP66		

### Time For Open-Close (50/60Hz)

Size (A)	Time(Sec.)
15-25A	4/3.3
32-65A	15/12.5
80,100A	30/25

### ⚠ Important Notes

- Gasifying, volatile, or evaporating fluid such as hydrogen peroxide and sodium hypochlorite might rise inner pressure of valve and burst the valve. Please contact us concerning such risk. Gas relief type of customized ball valve which has relief orifice on the ball is available.
- Do not use for the fluid containing slurry, solid, sediment, or crystallized fluid. Or for those kinds of fluid, strainer should be used in upstream.

### Maximum Working Pressure - Temperature Rating

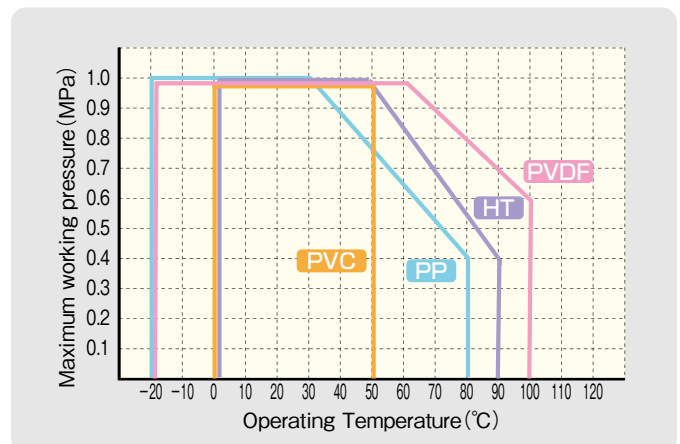
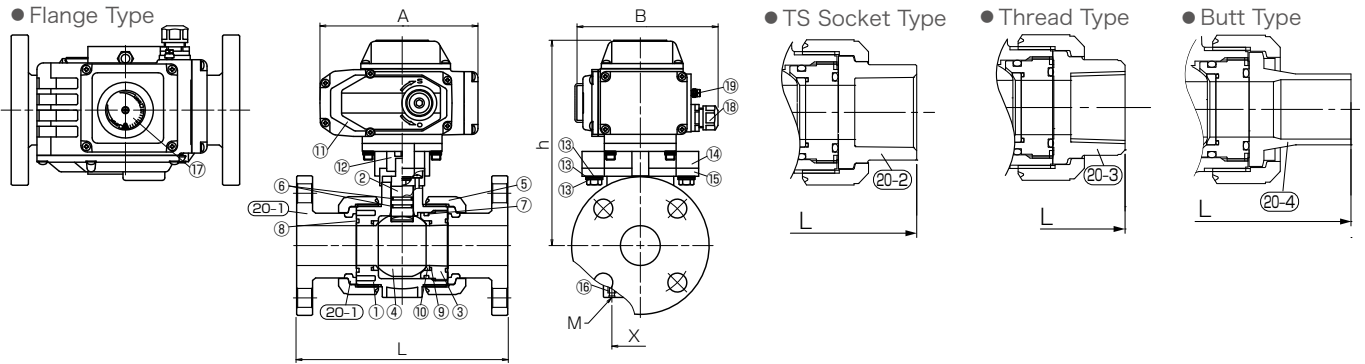


Figure (Flange Type · TS Socket Type · Thread Type · Butt Type)



**Parts List**

No.	Part Name	QTY	Material / Type	No.	Part Name	QTY	Material / Type
1	Body	1	● PVC	13	Bolt, Washer	-	SUS304
2	Stem	1	● HT (JIS: Brown)	14	Upper mount	1	AC4A
3	Ball holder	1	● CPVC (ANSI-DIN: Gray)	15	Lower mount	1	GF-PP
4	Ball	1	● PP	16	Fixing Insert Nut	2	C3601
5	Union nut	2	● PVDF	17	Valve Position Indicator	1	Tempered glass
6	Stem O-ring*1	2		18	Electric wire connector	1	PA, G1/2
7	Ball holder O-ring	1	● EPDM	19	Earth Terminal *2	1	SS400/Nickel Coated
8	Union O-ring	2	● FKM	20-1	Flange, Set ring	2	● PVC ● HT ● CPVC ● PP ● PVDF
9	Ball seat O-ring	2		20-2	TS Socket	2	● PVC ● HT ● CPVC
10	Ball Seat	2	PTFE	20-3	Threaded socket	2	● PVC ● PVDF
11	Actuator	1	ADC12 (Resin Coating)	20-4	Butt Spigot Type	2	● PP ● PVDF ● PE
12	Connector	1	pvcZDC3	20-5	Socket welding	2	PP

**Option**

- No-voltage limit switch
- Potentiometer
- Space heater
- Proportional control (please contact us)
- Support Plate (15~65A)

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

**Size**

Flange type · Thread type · TS socket type · Butt type

Unit : mm

Size		h	A	B	Fixing Insert		Flange	
A	B				X	M	L (JIS/ANSI/DIN)	
15	1 / 2	163	159	142	27.0	M5	143	
20	3 / 4	168	159	142	32	M5	172	
25	1	179	159	142	37	M5	187	
32	1 1 / 4	186	159	142	42	M5	190	
40	1 1 / 2	206	159	142	57	M6	212	
50	2	212	159	142	67	M6	234	
65	2 1 / 2	239	159	142	81	M6	259	257
80	3	285	207	148	99.7	M8	304	301
100	4	316	207	148	119.7	M8	372	367

Size		TS Socket			Thread					
A	B	JIS	ASTM	DIN	JIS, DIN (Rc)		ANSI (NPT)		DIN (Rp)	
		PVC, HT, CPVC	PVC, HT, CPVC	PVC, HT, CPVC	PVC	PVDF	PVC	PVDF	PVC	PVDF
15	1 / 2	109	103	92	97	99	97	99	97	99
20	3 / 4	132	119	107	117	116	117	116	117	116
25	1	143	133	121	128	136	128	136	128	136
32	1 1 / 4	166	147	137	146	148	146	148	146	148
40	1 1 / 2	175	171	161	163	169	163	169	163	169
50	2	203	188	189	188	196	188	196	188	196
65	2 1 / 2	259	211	211	227	227	212	212	212	212
80	3	311	262	263	278	278	261	261	261	261
100	4	390	315	315	330	330	315	315	315	315

Size		Butt Spigot			Socket welding	Ref. Weight Body: PVC (kg/unit)	
A	B	DIN	DIN	JIS	DIN	Flange	TS Socket Thread
		PP, PVDF	PE	PE	PP		
		L	L	L	L		
15	1 / 2	143	210	-	103	3.0	2.8
20	3 / 4	152	220	-	114	3.3	2.9
25	1	161	237	247	126	3.5	3.0
32	1 1 / 4	167	258	-	141	3.9	3.2
40	1 1 / 2	190	292	291	162	4.5	3.7
50	2	216	325	314	185	5.3	4.3
65	2 1 / 2	208	363	-	204	7.1	5.9
80	3	301	424	424	264	11.4	10.3
100	4	340	478	498	317	16.2	15.3