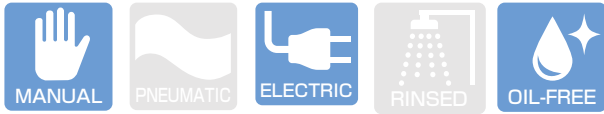


JIS ANSI/ASME/ASTM DIN



Operating Temperature(°C)

PVC 0 ~ 50



ESLON ELECTRIC YP BALL VALVE

Feature

- Unique flow channel design of the ball enable precise flowrate control.
- Automatic open/close control with 4- 20mA signal input.
- Excellent chemical and corrosion resistance with epoxy resin coated aluminum actuator.
- Compact and high durability motor onboard.
- Visual position indicator built in the actuator.

Time For Open-Close (50/60Hz)

Size (A)	Time(Sec.)
15-25A	10
32-50A	13

Specification of Actuator

Nominal diameter(A)	15~32A	40-50A
Operating voltage	DC24V	
Power consumption	14.4W	
Motor type	Synchronous motor	
Protective function	·Overload (lock) protection function ·Re-starting limit timer	
Opening detection	Potentiometer	
Input signal	DC4-20mA (Input resistance250Ω)	
Output signal	DC1~5V (Allowable load resistance 5kΩ or more)	
Resolution	1/1000	
Manual operation	None.	Drive shaft operation
Connector type	G1/2 female screw with 1m-cable	
Material	ADC	
Protection class	IP55	

⚠ Important Notes

- 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

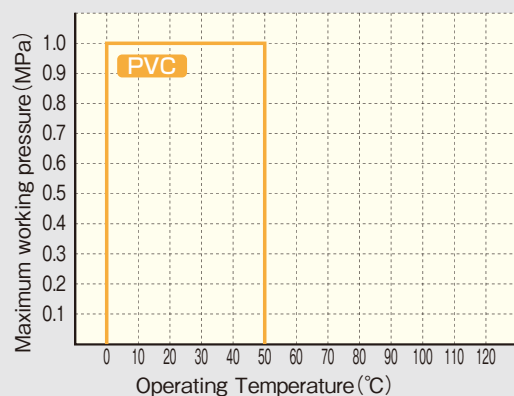
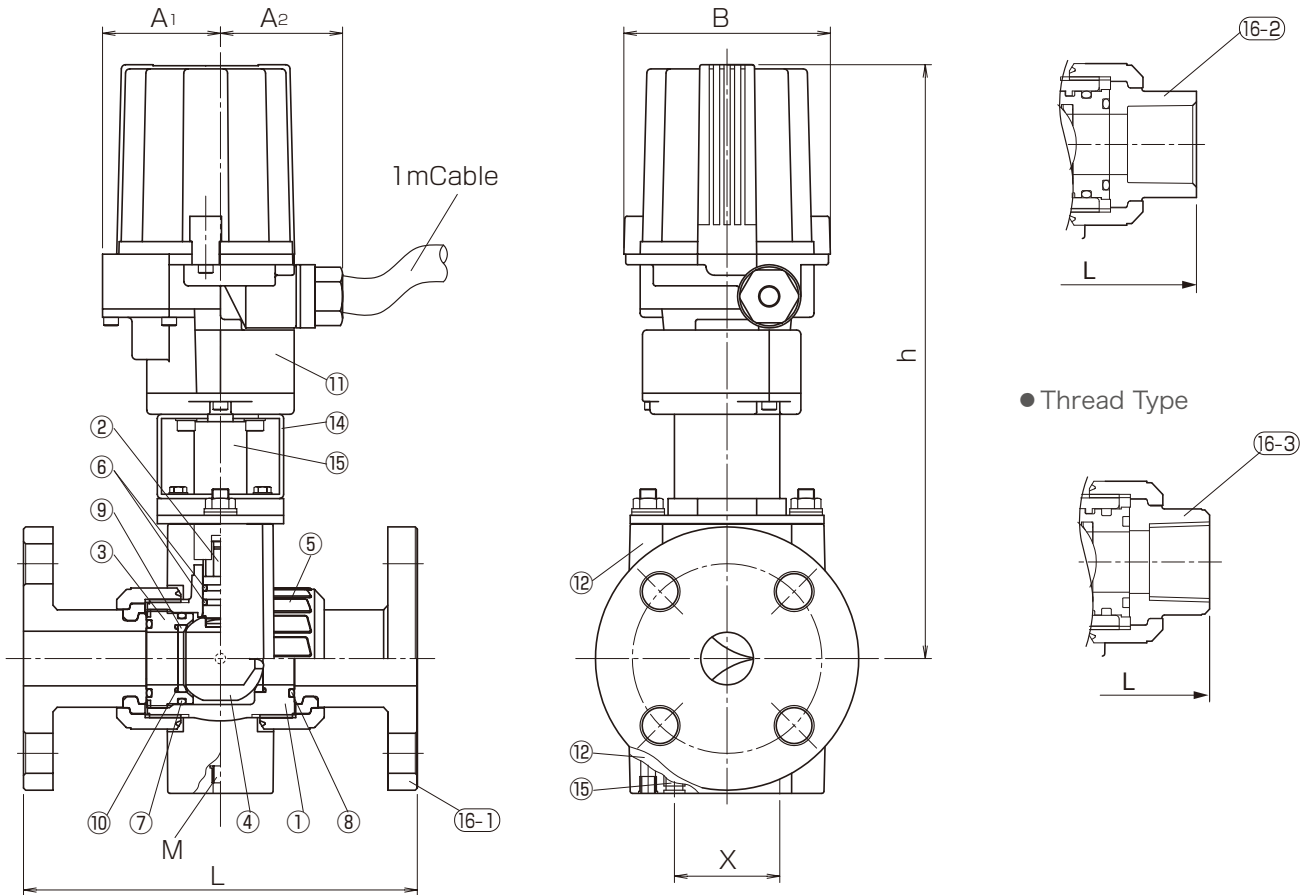


Figure (Flange Type · TS Socket Type · Thread Type)

● Flange Type

● TS Socket Type

● Thread Type



Parts List

No.	Part Name	QTY	Material / Type	No.	Part Name	QTY	Material / Type
1	Body	1	PVC	10	Ball Seat	2	PTFE
2	Stem	1	PVC	11	Electric Actuator	1	—
3	Ball holder	1	PVC	12	Yoke	1	SUS304
4	Ball	1	PVC	13	Joint	1	SUS303
5	Union nut	2	PVC	14	Mount	2	FRP
6	Stem O-ring	—		15	Insert Nut	2	C3604
7	Ball holder O-ring	1	● EPDM	16-1	Flange, Set Ring	2	PVC
8	Union O-ring	2	● FKM	16-2	TS Socket	2	PVC
9	Ball seat O-ring	2		16-3	Thread Socket	2	PVC

Size

Flange Type · Thread Type · TS Socket Type

Unit : mm

Size		L									Actuator			Ref. Weight (kg/unit)		Actuator			
A	B	Flange			TS Socket			Thread			h	A ₁	A ₂	B	X		M	Flange	TS, Thread
		JIS10K	ANSI	DIN	JIS10K	ANSI	DIN	JIS, DIN (Rp)	ANSI (NPT)	DIN (Rp)									
15	1/2	143	109	103	92	97	267	63	58	98	50	M6	3.5	3.1	MRP5				
20	3/4	172	132	119	107	117	270	63	58	98	50	M6	4.0	3.5	MRP5				
25	1	187	143	133	121	128	282	63	58	98	50	M6	4.5	4.0	MRP5				
32	1 1/4	190	166	147	137	146	286	63	58	98	55	M6	5.0	4.5	MRP5				
40	1 1/2	212	175	171	161	163	336	56	118	110	70	M8	6.0	5.5	MRP6				
50	2	234	203	188	189	188	343	56	118	110	85	M8	7.0	6.4	MRP6				