BATTERFLY VALVE
(ELECTRIC ACTUATED TYPE)

BP Series

BP300
Size: 2"- 14"

Features of the Product:

1.Low horse power,low power consumption,big torsion power can be cut off automatically when control angle has been reached. It maintains at the condition of no power consum -ption to save energ and to reduce cost for conforming to AC110V,220V single phase, AV 220V,380V,440V,3 phasse power supply.

2.They are simple,lightweight and compact,and are ideal for use where eitherspace is limi -ted or ser vice and maintenance must be performed quickly.Be-caude they require on -ly 90 to fully open or close. Shie Yu Butterfly Valves are easily automated and are widely used as efficient throttling or flow regulating valves. Additionally,they are excellent for for handling abrasive or slurrt-type fluids. Of course. they are acid & alkali proof and anit-corrosion.

3.Starting speed is very stable and moisture in the pipeline can be epelled so that the service life of the pipe is increasing, The motor is equipped with temperature Protec -tion switching valve to enable it not to be burnt out even seized with ubstance.

4.Various models are available for the choice of the customers.Manual control model and non-manual control model are also workable Upon power outage,it can be swit -ched manually. It is simple design with less fitting accessories, One electric wire can complete automatic control in order to save work manship, materials,and money for the customers to attain the goal for automation.

MATERIALS OF CONSTRUCTION

No.	Parts	Pcs.	Materials	No.	Parts	Pcs.	Materials
1	Body	1	UPVC,PP,PVDF, CPVC,PPG	6	Stem	1	SUS410/304/316
2	Seat	1	EPDM,VITON,NBR,HYPALON	7	Stem O'ring	2	EPDM,VITON
3	Disc	1	UPVC,PP,PVDF, CPVC,PPG	8	Electric Actuator	1	
4	Disc O'ring(A)	2	EPDM,VITON	9	Mounting Bracket	1	SUS304
5	Disc O'ring(B)	2	EPDM,VITON	10	Coupling	1	ZINC,PLATED, CARBON STEEL

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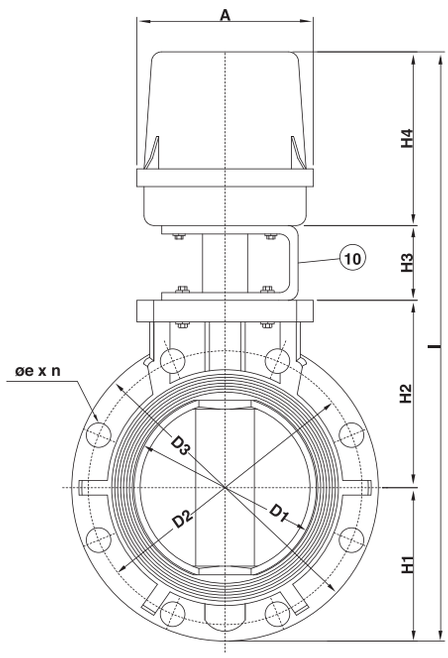

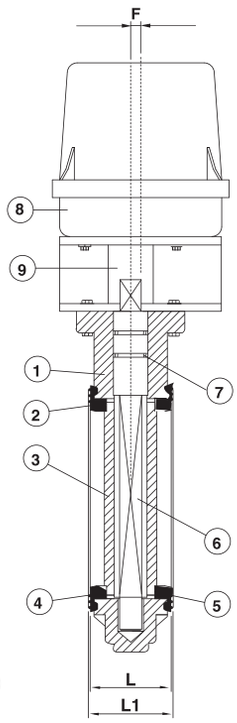

DN50~DN350

DIMENSIONS TABLE

JIS — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	H3	H4	I	A	F	Test Press (kgf/cm²) Body	Test Press (kgf/cm²) Seat	Working Press (kgf/cm²)	Allowed Voltage (W/A)
50(2")	55	120	164	19	4	36.1	43.3	82	107	61	145	391	150	28	15.0	12.0	10.0	110/220
65(2-1/2")	69.6	140	185	19	4	40	46.4	92	115	61	145	408	150	28	15.0	12.0	10.0	110/220
80(3")	78	150	196	19	8	40	47.4	98	123	61	145	424	150	28	15.0	12.0	10.0	110/220
100(4")	100	175	225	19	8	48	52.4	112.5	139.5	61	145	455	150	28	15.0	12.0	10.0	110/220
125(5")	128	210	254	23	8	51.2	58.8	127	160	61	145	493	150	28	15.0	12.0	10.0	110/220
150(6")	152	240	286	23	8	51	57	143	178	71	200	593	190	23	15.0	12.0	10.0	110/220
200(8")	200	290	344	23	12	61	67.5	172	212	71	200	643	190	23	15.0	12.0	10.0	110/220
250(10")	255	350	412	25	12	102	108	206	242.7	71	200	706	190	23	15.0	12.0	10.0	110/220
300(12")	312	400	493	25	16	120	126	247	289	71	200	799	190	23	10.5	8.5	7.0	110/220
350(14")	355	460	540	25	16	123	129	270	305	71	200	835	190	23	10.5	8.5	7.0	110/220

ANSI — Unit: inch

Nom. Size DN(inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	H3	H4	I	A	F	Test Press (kgf/cm²) Body	Test Press (kgf/cm²) Seat	Working Press (lb/in²)	Allowed Voltage (W/A)
50(2")	2.16	4.75	6.46	0.75	4	1.42	1.71	3.23	4.21	2.36	5.71	15.39	5.91	1.10	225	180	150	110/220
65(2-1/2")	2.74	5.50	7.28	0.75	4	1.57	1.83	3.62	4.53	2.36	5.71	16.06	5.91	1.10	225	180	150	110/220
80(3")	3.07	6.00	7.72	0.75	4	1.57	1.87	3.86	4.84	2.36	5.71	16.69	5.91	1.10	225	180	150	110/220
100(4")	3.94	7.50	8.85	0.75	8	1.89	2.06	4.43	5.49	2.36	5.71	17.91	5.91	1.10	225	180	150	110/220
125(5")	5.04	8.50	10.00	0.87	8	2.02	2.31	5.00	6.30	2.36	5.71	19.41	5.91	1.10	225	180	150	110/220
150(6")	5.98	9.50	11.26	0.87	8	2.01	2.24	5.63	7.00	2.80	7.87	23.35	7.48	0.91	225	180	150	110/220
200(8")	7.87	11.75	13.54	0.87	8	2.40	2.66	6.77	8.35	2.80	7.87	35.31	7.48	0.91	225	180	150	110/220
250(10")	10.00	14.25	16.22	0.98	12	4.02	4.25	7.87	9.25	2.80	7.87	27.79	7.48	0.91	225	180	150	110/220
300(12")	12.28	17.00	19.41	0.98	12	4.72	4.96	9.41	11.38	2.80	7.87	31.46	7.48	0.91	155	125	105	110/220
350(14")	13.976	18.75	21.26	1.14	12	4.84	5.08	10.20	12.01	2.80	7.87	32.87	7.48	0.91	155	125	105	110/220

DIN — Unit: mm

Nom. Size DN(inch)	D1	D2	D3	e	n No. of holes	L	L1	H1	H2	H3	H4	I	A	F	Test Press (bar) Body	Test Press (bar) Seat	Working Press (bar)	Allowed Voltage (W/A)
50(2")	55	125	164	18	4	36.1	43.5	82	107	61	145	391	150	28	15.0	12.0	10.0	110/220
65(2-1/2")	69.6	145	185	18	4	40.0	46.4	92	115	61	145	408	150	28	15.0	12.0	10.0	110/220
80(3")	78	160	196	18	8	40.0	47.4	98	123	61	145	424	150	28	15.0	12.0	10.0	110/220
100(4")	100	180	225	18	8	48.0	52.4	112.5	139.5	61	145	455	150	28	15.0	12.0	10.0	110/220
125(5")	128	210	254	18	8	51.2	58.8	127	160	61	145	493	150	28	15.0	12.0	10.0	110/220
150(6")	152	240	286	23	8	51	57.0	143	178	71	200	593	190	23	15.0	12.0	10.0	110/220
200(8")	200	295	344	23	8	61	67.5	172	212	71	200	643	190	23	15.0	12.0	10.0	110/220
250(10")	255	350	412	23	12	102	108	206	242.7	71	200	706	190	23	15.0	12.0	10.0	110/220
300(12")	312	400	493	23	12	120	126	247	289	71	200	799	190	23	10.5	8.5	7.0	110/220
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※ Standard dimensions based on PVC material.
The flanged length tolerance is according to EN558-1:1995.
※ **L:The suggested length of the valve as installed on pipeline.**