

BUTTERFLY VALVE UBV1002 SERIES

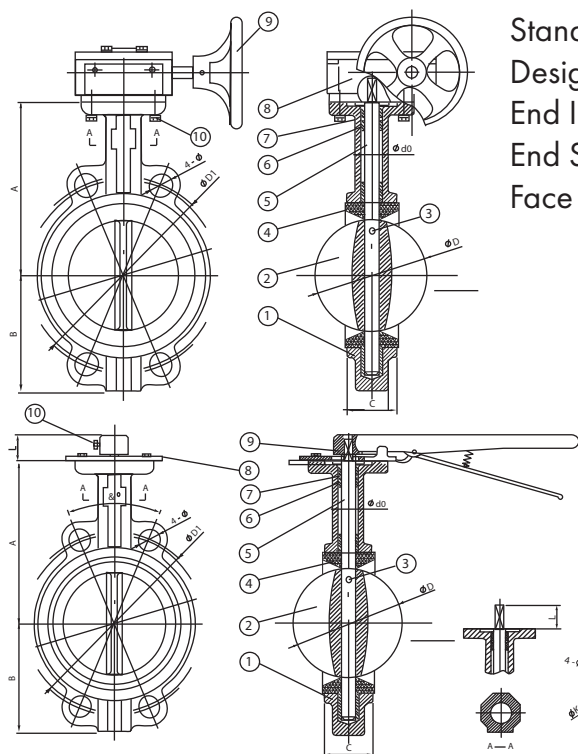
CAST IRON



HPv series UBV1002 resilient seated butterfly valve are a reliable, leak-free service valve. They surpasses the high standards required, and inherent flow characteristics as well as capabilities which designed for various applications.

The series UBV1002 valve is a wafer version with high quality PTFE seat.

- Available in sizes 2" to 24"
- Available with handles (1.5" to 8"), manual gear operator (3"-20") and electric or pneumatic actuator (2" to 20")
- Maximum limit of the PTFE seat material: 150 psi (1.0 MPa) pressure and 120°C temperature
- Designed to comply with BS 5155
- Wafer body features at least four alignment holes with design to be compatible with various flange standards as JIS10K/ANSI150LB/PN10/PN16



Standard :

Design Code

End Inspection & Test

End Standard

Face to Face

BS5155

DIN3230part3

JIS10K/PN10/PN16/ANSI150

DIN3202K1

No.	Parts name		Material
1.	body		cast iron
2.	disc		stainless steel (CF8)
3.	pin		SS304
4.	seat		PTFE
5.	stem		SS416
6.	bushing		PTFE
7.	o-ring		NBR
8.	L	indicator	carbon steel
	G	worm gear	ductile iron
9.	L	lever	malleable iron
	G	hand wheel	ductile iron
10.	bolt		carbon steel

LEVER

Size	A	B	C	D	d0	K	E	4-d	L	D1	4-φ	B1	L0
2"(50)	140	80	42	52.9	12.6	90	70	10	30	120	4-19	11	266
2.1/2"(65)	150	89	44.7	64.5	12.6	90	70	10	30	140	4-19	11	266
3"(80)	158	95	45.2	78.8	12.6	90	70	10	30	150	4-19	11	266
4"(100)	176	114	52	104	15.77	90	70	10	30	175	4-19	11	266
5"(125)	190	127	54.4	123.3	18.92	90	70	10	30	210	4-23	14	266
6"(150)	211	139	55.8	155.1	18.92	90	70	10	30	240	4-23	14	266
8"(200)	235	175	60.6	202.5	22.1	125	102	12	40	290	4-23	17	355

GEAR

Size	A	B	C	D	d0	K	E	4-d	L	D1	4-φ	B1
8"(200)	235	175	60.6	202.5	22.1	125	102	12	45	298.4	4-22.4	17
10"(250)	265	203	65.6	250.5	28.45	125	102	12	45	361.9	4-25.4	22
12"(300)	305	242	76.9	301.5	31.6	125	102	12	45	431.8	4-25.4	22
14"(350)	368	267	76.5	333.3	31.6	125	102	12	45	476.2	4-28.4	22
16"(400)	405	321	102	389.6	37.95	175	140	18	54	539.7	4-28.4	27
18"(450)	422	328	114	440.5	42.86	175	140	18	54	577.8	4-31.8	27
20"(500)	480	361	127	491.6	45.72	175	140	18	65	635	4-31.8	36