

BUTTERFLY VALVE UBV1001 SERIES

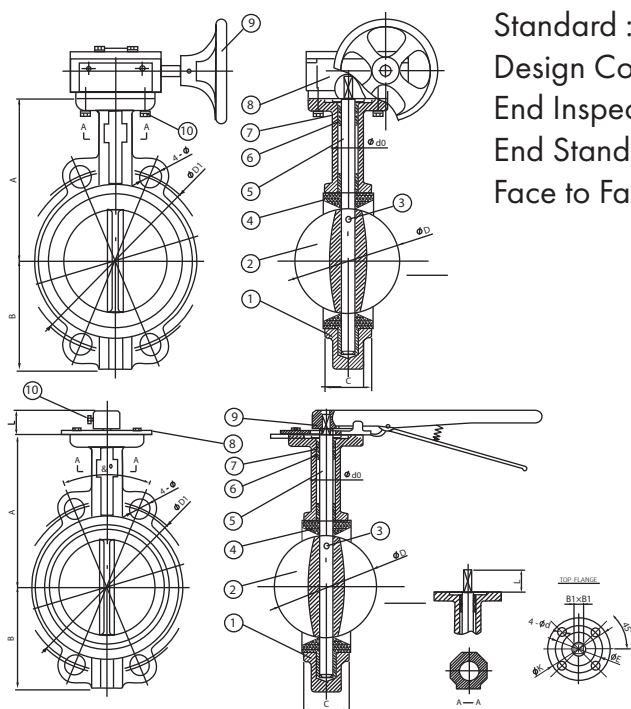
CAST IRON



HPv series UBV1001 resilient seated butterfly valve are a reliable, leak-free service valve. They surpasses the high standards required, and inherent flow characteristics and capabilities which designed for various applications.

The series UBV1001 valve is a wafer version with high quality EPDM seat.

- Available in sizes 2" to 24"
- Available with handles (1.5" to 10"), manual gear operator (3"-24") and electric or pneumatic actuator (2" to 24")
- Maximum limit of the EPDM 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

BS5155

End Inspection & Test

DIN3230part3

End Standard

JIS10K/PN10/PN16/ANSI150

Face to Face

DIN3202K1

No.	Parts namme		Material
1.	body		cast iron
2.	disc		stainless steel (CF8)
3.	pin		SS304
4.	seat		EPDM
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	557.8	4-31.8	27
20"(500)	480	361	127	491.6	45.72	175	140	18	65	635	4-31.8	36