

Nº BH-010/BV

**BUTTERFLY VALVE
DN50-1000**

Butterfly Valve (Centric Disc Design) BH-010/BV

The Flanged Centric Butterfly Valve (Centric Disc Design) is primarily engineered for flow control and isolation in water supply, drainage, and gas systems. It is suitable for operating temperatures ranging from -10°C to 80°C and a maximum nominal pressure of 1.6 MPa (PN16).

Specifications

- Range: DN50-DN1000
- Connection: Flange type
- Pressure Rating: PN10/PN16
- Temperature Range: -10°C to 80°C
- Coating: Fusion bonded epoxy coating
- Actuation Options: Manual, pneumatic, or electric drives.

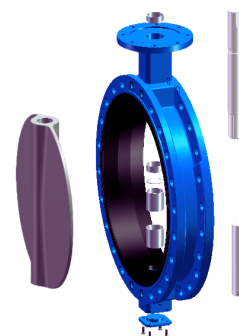


Key Features

1. **Durability:** Ensures a long service life with reliable sealing and minimal frequent maintenance.
2. **Low Pressure Loss:** Offers highly efficient flow characteristics, resulting in lower energy costs.
3. **Versatility (Multi-Function):** Excellent for both on/off isolation and precise throttling applications.
4. **Compact Design (Weight/Size)**
5. **Bubble Tight Sealing:** leak-proof (bubble tight) seal
6. **Easy of Operation:** Requires only a quarter-turn (90-degree rotation) to move from fully open to fully closed.

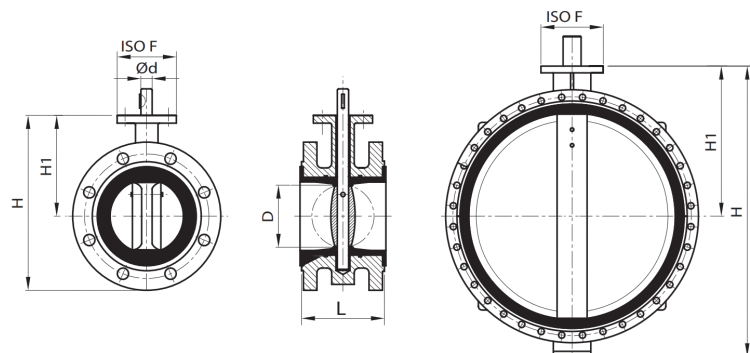
Main Materials

- Body: GGG50;
- Disc: GGG50;
- Stem: SS420;
- Seat: EPDM / NBR



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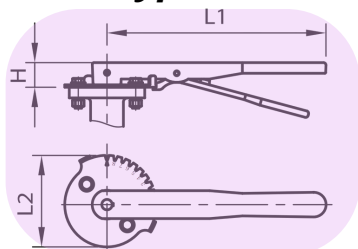


Dimensions Table (Based on DN)

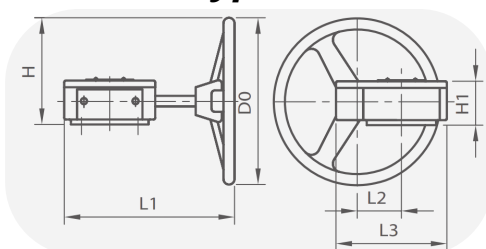
Key: DN (Nominal Diameter),
H, H1, L (Face to Face),
D (Disc Diameter),
ISO F (ISO Flange Top),
Ød (Bolt Hole Diameter)

DN	H	H1	L	D	ISO F	ed
50	221	166	108	51	F05	13
65	264	175	112	63	F05	13
80	276	181	114	77.5	F05	13
100	314	200	127	103	F07	16
125	340	213	140	122	F07	19
150	365	226	140	154.5	F07	19
200	435	260	152	201	F10	22.5
250	495	292	165	249	F10	29
300	575	337	178	300	F12	32
350	635	368	190	332	F12	32
400	701	400	216	387.5	F14	33.5
450	749	422	222	438.5	F14	38
500	841	480	229	489	F14	41.5
600	1021	562	267	590	F16	51
700	1156	629	292	691.5	F25	64
800	1260	666	318	792	F25	64
900	1375	722	330	861	F25	75
1000	1518	800	410	961	F25	85

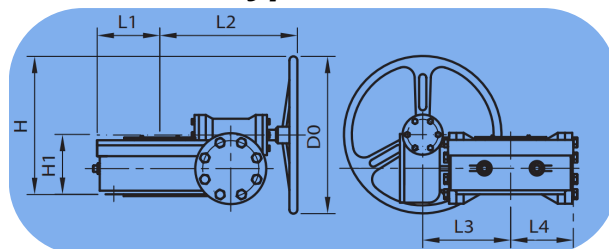
Type A



Type B



Type C



Nº	DN (Nominal Diameter)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)	H1 (mm)	DO (mm)
A	50-150	267	52	-	-	32	-	-
	200-300	359	75	-	-	50	-	-
B	80-150	212	45	129	-	113	65	145
	200-250	305	62	171	-	182	70	285
	300-350	300	85	198	-	182	77	285
	400-450	423	120	280	-	247	103	385
	500-600	490	122	316	-	270	143	385
C	700	173	359	245	173	373	158	425
	800-900	146	337	230	146	378	149	425
	1000	201	399	279	201	409	185	425