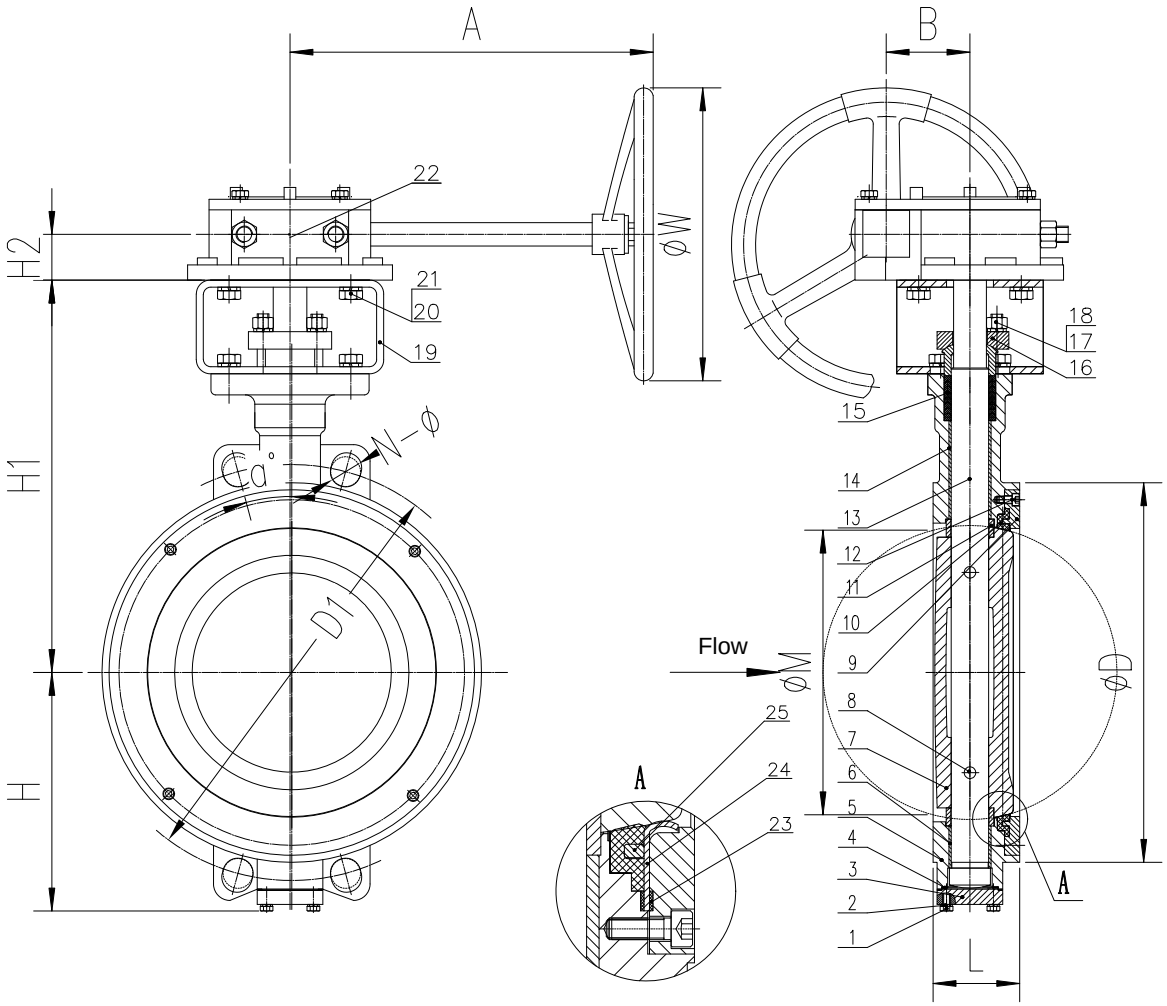
Dwg No WB210W34-GO

UNIT: mm

DN	L	D1	∅D	N-Ø	a°	D1 (PN16)	N-Ø (PN16)	a° (PN16)	D1 (PN10)	N-Ø (PN10)	a° (PN10)	∅M	H	H1	H2	A	B	∅W	Top Flange ISO	Weight(KG)
2"	43	120.7	92.1	4-Ø19.1	45°	125	4-Ø18	45°	125	4-Ø18	45°	36	64	162	29	139	44	160	F07	4
2-1/2"	46	139.7	104.8	4-Ø19.1	45°	145	4-Ø18	22.5°	145	4-Ø18	45°	42	70	172	29	139	44	160	F07	5.5
3"	46	152.4	127	4-Ø19.1	45°	160	4-Ø18	22.5°	160	4-Ø18	22.5°	62	85	182	29	139	44	160	F07	9
4"	52	190.5	157.2	4-Ø19.1	22.5°	180	4-Ø18	22.5°	180	4-Ø18	22.5°	89.5	92	208	29	139	44	160	F07	14
5"	56	215.9	185.7	4-Ø22.2	22.5°	210	4-Ø18	22.5°	210	4-Ø18	22.5°	115	120	222	29	149	52	160	F10	16
6"	56	241.3	215.9	4-Ø22.2	22.5°	240	4-Ø22	22.5°	240	4-Ø22	22.5°	140	150	272	29	152	52	200	F10	26
8"	60	298.5	269.9	4-Ø22.2	22.5°	295	4-Ø22	15°	295	4-Ø22	22.5°	189	187	307	31	192	57	300	F12	33
10"	68	362	323.8	4-Ø25.4	15°	355	4-Ø26	15°	350	4-Ø22	15°	243	220	337	31	192	57	300	F12	42
12"	78	431.8	381	4-Ø25.4	15°	410	4-Ø26	15°	400	4-Ø22	15°	292	252	380	47	275	67.75	400	F14	60



NO.	Part Name	Material
1	Hexagon Bolt	ASTM A193 B7M
2	Spring Gasket	ASTM A29 1566
3	Bottom Cover	ASTM A105N
4	Seal Gasket	GRAPHITE
5	Body	ASTM A216 WCB
6	Down Bearing Bushing	SS304+NITRIDED
7	Disc(2"&3"&4"&6"~12")	ASTM A182 F316
	Disc(2-1/2"&5")	ASTM A351 CF8M
8	Pin	17-4PH
9	Clamp	ASTM A105N
10	Seal Ring	R-PTFE
11	Bearing Bushing	ASTM A182 F304
12	Hexagon Bolts	ASTM A193 B7M
13	Stem	17-4PH
14	Up Bearing Bushing	SS304+NITRIDED
15	V Type Packing	GRAPHITE
16	Packing Gland	ASTM A216 WCB
17	Hexagon Bolt	ASTM A193 B7M
18	Hexagon Nuts	ASTM A194 2HM
19	Yoke	ASTM A29 1020
20	Hexagon Bolt	ASTM A193 B7M
21	Spring Gasket	ASTM A29 1566
22	Worm Gear	GGG 70 DUCTILE IRON
23	Seal Gasket	GRAPHITE
24	Fire Seal Ring	SS316
25	Ring	SS316

NOTE:
1. BASIC DESIGN: API 609
2. FACE TO FACE: EN 558-1 S20
3. FLANGE END: ASME B16.5/EN 1092
4. TEST AND INSPECT: API 598
5. ISO 10497 FIRE SAFE DESIGN
6. CE/PED
7. 2"~4" DON'T HAVE BOTTOM COVER
8. ISO 15848-2
9. NACE MR-01-03
10. Bureau Veritas Type Approval: (Marine & Offshore)
11. Coating valve/gearbox: ISO 12944 C5-M

PPS International

REVISION	BY	DATE

DHV VALVE & FOUNDRY CO.,LTD

CERTIFIED DRAWING

2"~12" ANSI 150LB,DIN PN10/PN16 WAFER TYPE DOUBLE OFFSET BUTTERFLY VALVE

Dr by	Date
M.W.	07.16.2026
Ch'k by	Date
G.W.	07.16.2026
Apr by	Date
J.S.	07.16.2026

Scale | Dwg No WB210W34-GO | Rev 07