

Universal Type Wafer Butterfly Valve



Features

Simple and compact construction
Small in size and light in weight
Quick 90° on-off operation, low torque
Good sealing capability, no leakage
360° polished disc assures positive on-off
Bi-directional, low torque, long service life
Epoxy coated body, smooth surface

One valve body can meet multi-standards flanges, including DIN, JIS, ANSI, BS, EN, etc. at the same time

Technical Specifications

Size: DN40~350 (1.5" ~ 14")

Pressure: PN10, PN16, Class125

Body Materials: Cast iron A126 B (GG25), Ductile iron A536 65-45-12 (GGG40), A216 WCB, Stainless Steel S.S.304(CF8), S.S.316(CF8M), Bronze B148 C954

Seat Materials: NBR, EPDM, VITON, PTFE

Disc Materials: Ductile iron, S.S.304 (CF8), S.S.316 (CF8M), bronze C958

Stem Materials: AISI416, AISI304, AISI316

End Connection: Wafer

Valve Design: API 609, MSS SP-67

Face to Face: API 609, MSS SP-67, DIN3202, BS EN558-1

Pressure Test: API 598

Flange Drilling: ANSI B16.1 125LB, BS4504 PN10/PN16, DIN2501 PN10/PN16

Top Flange: ISO5211

Disc Type: With-pin, whole shaft without pin, half shaft without pin

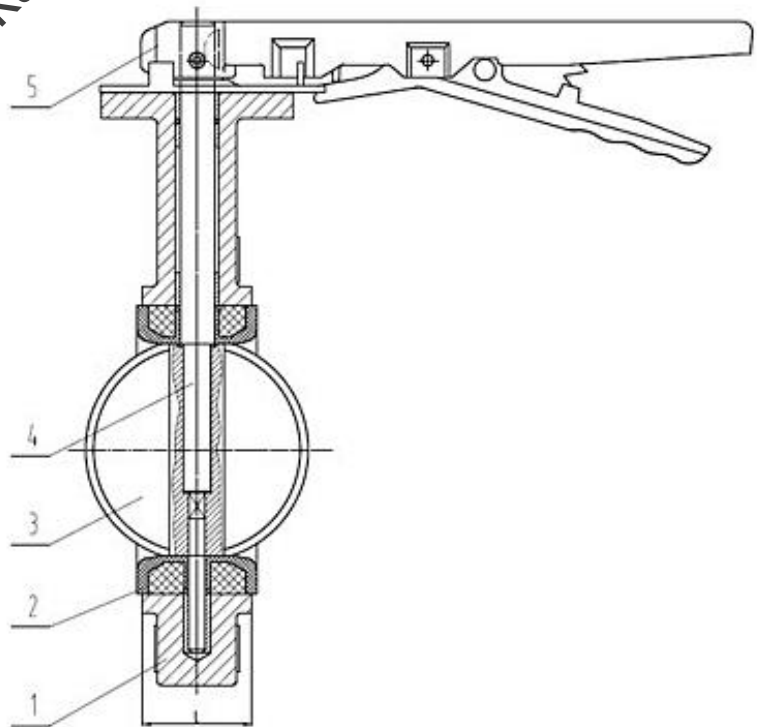
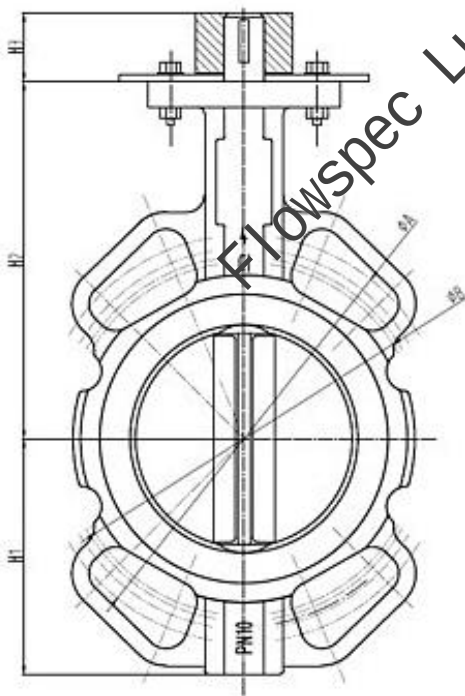
Operate: Lever, worm gear

Applicable medium: water, sewage, sea water, air, low corrosive liquids

Applicable temperature: -45°C~+150°C (higher temperature is available upon request)

Main Parts and Materials

Item	Parts	Materials
1	Body	Cast iron A126 B (GG25) Ductile iron A536 65-45-12 (GGG40) Cast steel A216 WCB Stainless Steel S.S.304(CF8) Stainless Steel S.S.316(CF8M) Bronze B148 C954
2	Seat	NBR EPDM VITON PTFE
3	Disc	Ductile iron S.S.304 (CF8) S.S.316 (CF8M) Bronze C958
4	Shaft	AISI416 AISI431 AISI304 AISI316
5	Lever	Gray iron

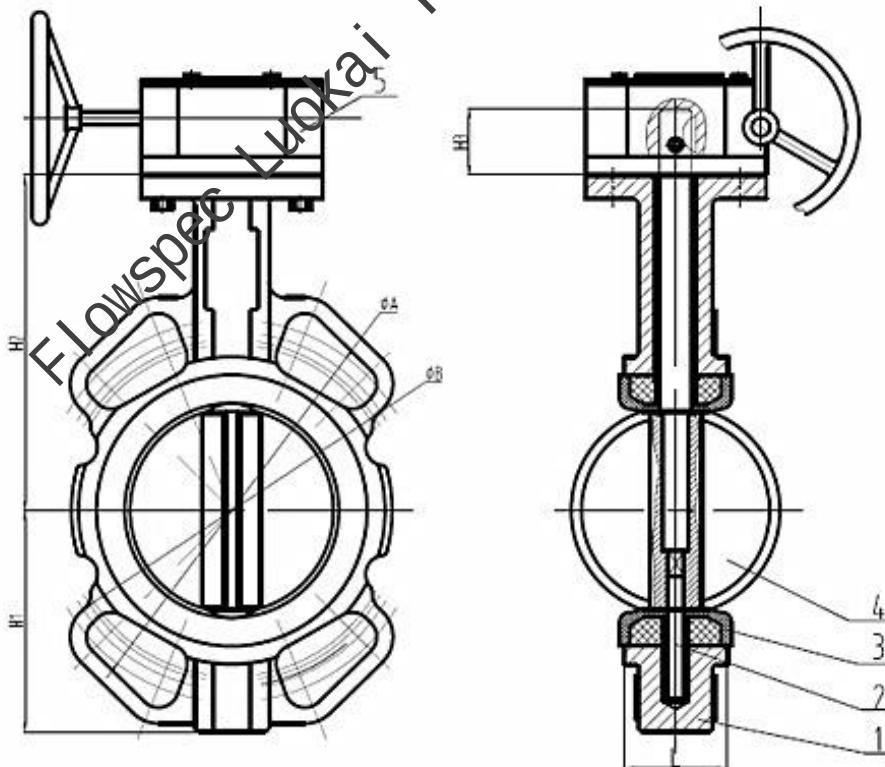




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Main Connection Dimensions (mm)

SIZE		H1	H2	H3	L	PN 10/16			150LB			JIS 10K			ISO5211
mm	in					øA	øB	N-ød	øA	øB	N-ød	øA	øB	N-ød	Top Flange
40	1.5"	67	141	32	33	110	95	4-ø18	98.5	95	4-ø16	105	95	4-ø19	F05
50	2"	67	141	32	43	125	105	4-ø18	120.6	105	4-ø19	120	105	4-ø19	F05
65	2½"	75	151	32	46	145	127	4-ø18	139.7	127	4-ø19	140	127	4-ø19	F05
80	3"	95	160	32	46	160	145	8-ø18	152.4	145	4-ø19	150	145	8-ø19	F05
100	4"	111	180	32	52	190.5	165	8-ø18	190.5	165	8-ø19	175	165	8-ø19	F07
125	5"	129	193	32	56	215.9	200	8-ø18	215.9	200	8-ø22.4	210	200	8-ø23	F07
150	6"	142	207	32	56	241.3	225	8-ø22	241.3	225	8-ø22.4	240	225	8-ø23	F07
200	8"	170	240	40	60	298.4	280	8-ø22	298.4	280	8-ø22.4	290	280	12-ø23	F10



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WE MAKE FLOW BETTER**Main Connection Dimensions (mm)**

SIZE		H1	H2	H3	L	PN 10/16			150LB			JIS 10K			ISO5211
mm	in					øA	øB	N-ød	øA	øB	N-ød	øA	øB	N-ød	Top Flange
50	2"	75	129	32	43	125	120	4-ø18	125	120	4-ø19	125	120	4-ø19	F05
65	2½"	82	136	32	46	145	139.7	4-ø18	145	139.7	4-ø19	145	139.7	4-ø19	F05
80	3"	99	153	32	46	160	150	8-ø18	160	150	4-ø19	160	150	8-ø19	F05
100	4"	110	167	32	52	190.5	175	8-ø18	190.5	175	8-ø19	190.5	175	8-ø19	F07
125	5"	125	193	32	56	215.9	210	8-ø18	215.9	210	8-ø22.4	215.9	210	8-ø23	F07
150	6"	145	209	32	56	241.3	240	8-ø22	241.3	240	8-ø22.4	241.3	240	8-ø23	F07
200	8"	170	251	45	60	298.4	290	8-ø22	298.4	290	8-ø22.4	298.4	290	12-ø23	F10
250	10"	210	280	45	68	361.9	350	8-ø18	361.9	350	8-ø22.4	361.9	350	8-ø23	F10
300	12"	240	315	45	78	431.8	400	8-ø22	431.8	400	8-ø22.4	431.8	400	8-ø23	F10
350	14"	260	346	45	78	476.2	445	8-ø22	476.2	445	8-ø22.4	476.2	445	12-ø23	F10