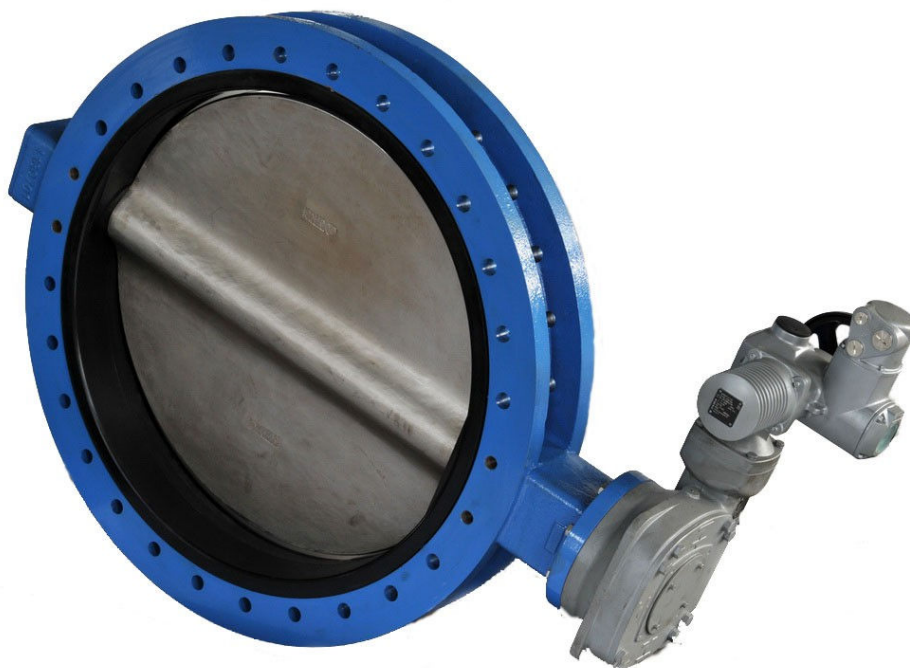




RUBBER SLEEVE BUTTERFLY VALVE

Size	DN40 to DN1200
Ends	Wafer, Lug, U-section flange, Mono-flange
Construction	PN10, PN16, PN20/CL150
Body materials	CI, DI, CS, SS
Disc materials	DI, SS, Al-Br, Duplex
Sleeve materials	EPDM, NBR, SILICON, FKM, HYPALON, PTFE

DESIGN STD		RANGE AND PERFORMANCE	
Design:	API 609/EN593	Wafer type BV00W: U-section type BV00U:	DN40 - DN1200
Flange:	ISO 7005-2 PN10/16 EN 1092-2 PN10/16 ASME B16.5 CLASS 150 JIS 10K (DN40~DN300)	Lug type BV00L:	DN40 - DN900
Top flange:	ISO 5211	Hydraulic testing :	Body 1.5XPS Tightness 1.1XPS
Face to face:	API 609A /EN558 series 20	Actuators :	lever, gear, pneumatic, electric
Testing:	API 598 /EN12266-1		
Working pressure:	PN10/16, PN20/CL150		

DESIGN FEATURE

- No Pin for stem/disc connection
- Machined disc edge, high precision concentricity of the disc in contact with the sleeve. Bubble tightness. Less friction, long service life.
- Simplified valve structure, low maintenance cost

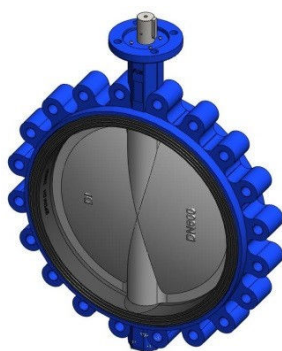
APPLICATION DOMAINS

- Chemical industries by adapting different sleeve and disc materials
Water and waste water industry

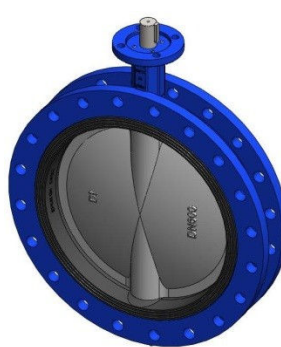
BODY STRUCTURE



Wafer



Lug

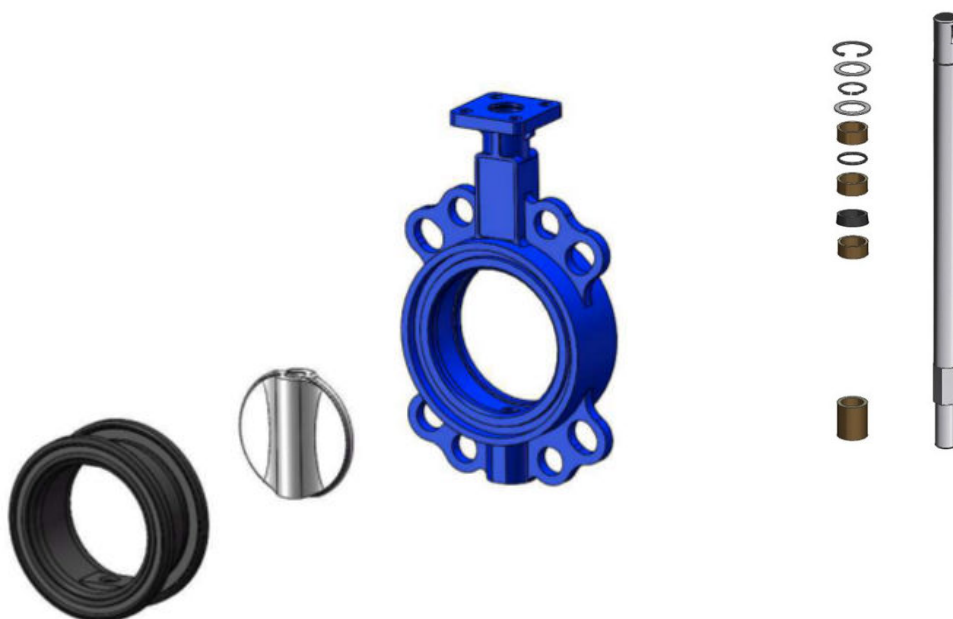


U-section



Mono flange

PART LIST



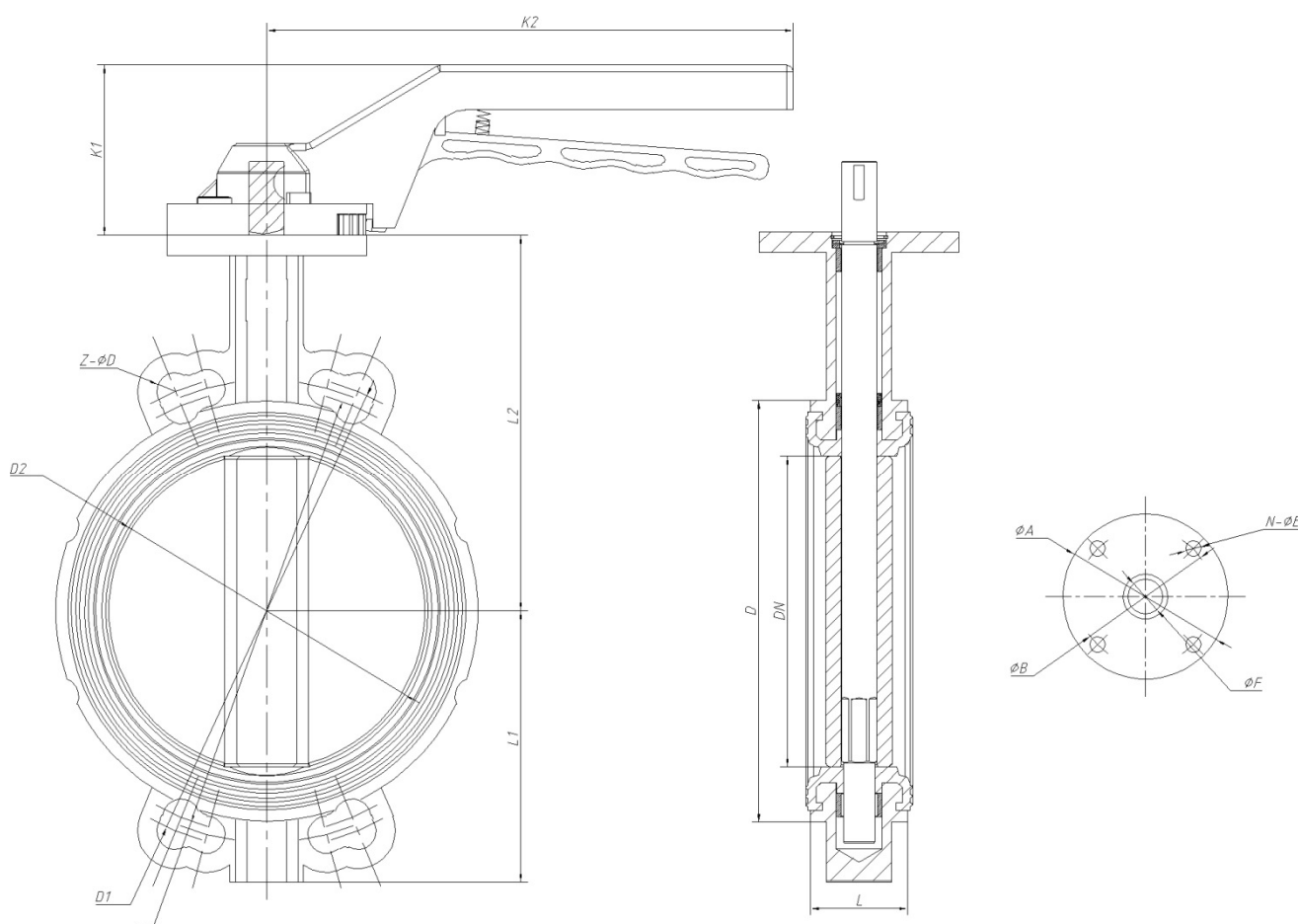
Body	GG25, GGG40, Steel, CF8, CF8M, Aluminum Bronze, Aluminium
Disc	GGG40, Steel, CF8, CF8M, Aluminum Bronze, Aluminium
Sleeve	EPDM, NBR, FKM, Silicon
Stem	SS410, SS420, SS304, SS316, Duplex, Monel
Bushing	PTFE, Bronze

WEIGHT TABLE (Kg)

Model	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
	1.5"	2"	2.5"	3"	4"	5"	6"	8"	10"	12"
BV00W	1.3	1.6	2.2	2.6	3.0	4.3	5.7	10	17	26
BV00L	2.6	2.8	3.4	4	4.4	6.2	8.1	13	22	30
BV00U	3.3	4.0	5.2	5.9	6.4	8.6	10	20	30	42

Model	DN350	DN400	DN450	DN500	DN600	DN700	DN750	DN800	DN900	DN1000	DN1200
	14"	16"	18"	20"	24"	28"	30"	32"	36"	40"	48"
BV00W	45	74	95	162	191	374	380	456	555	834	1233
BV00L	54	88	113	186	214	437	469	535	773	—	—
BV00U	65	96	122	200	238	388	410	480	623	850	1353

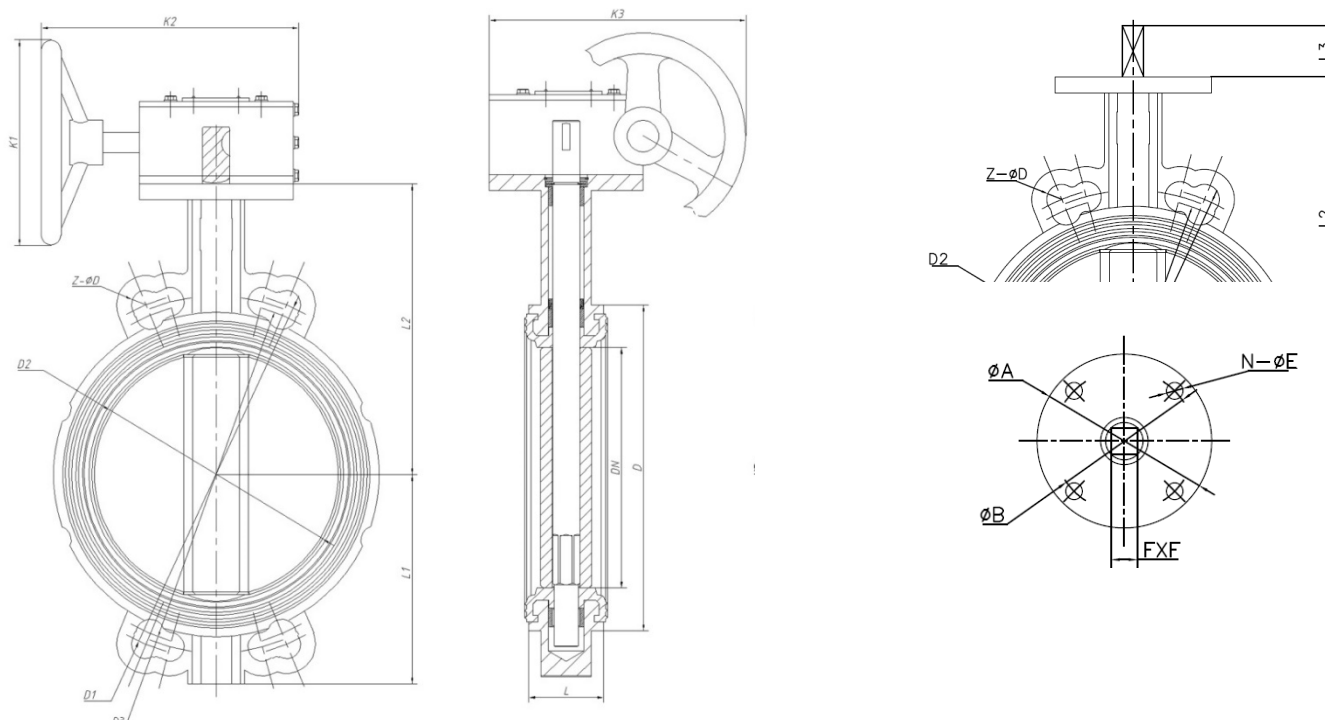
DIMENSION TABLE – LEVER OPERATED



DN	L	L1	L2	D	D1	D2	D3	Ø A	Ø B	FxF	Z-ØD	N-ØE	K1	K2
DN50	43	66	131	92.5	125	52.2	105	70 (90)	50 (70)	9	4-M16	4-Ø10	73	185 (238)
DN65	46	86	140	117	145	63.9	130	70 (90)	50 (70)	9	4-M16	4-Ø10	73	185 (238)
DN80	46	94	154	131	160	78.5	145	70 (90)	50 (70)	9	8-M16	4-Ø10	73	185 (238)
DN100	52	110	173	151	190	104	165	90	70	11	8-M16	4-Ø10	73	238
DN125	56	128	189	183.5	220	123.3	200	90	70	14	8-M16	4-Ø10	73	238
DN150	56	140.5	199	216	250	155.4	230	90	70	14	8-M20	4-Ø10	73	238

ISO TOP INFORMATION

ISO TOP	F07	F10	F12	F14	F16	F25
Number of holes	4	4	4	4	4	8
Thread	M8	M10	M12	M16	M20	M16



DN	L	L1	L2	L3	D	D1	D2	D3	Ø A	Ø B	FxF	Z-ØD	N-ØE	K1	K2	K3
DN50	43	66	131	22	92.5	125	52	105	90(70)	70(50)	9		4-Ø10	150	226	172
DN65	46	86	140	22	117	145	64	130	90(70)	70(50)	9		4-Ø10	150	226	172
DN80	46	94	154	22	131	160	79	145	90(70)	70(50)	9		4-Ø10	150	226	172
DN100	52	110	173	25	151	190	104	165	90	70	11		4-Ø10	150	226	172
DN125	56	128	189	30	183.5	220	123	200	90	70	14		4-Ø10	150	226	172
DN150	56	140	199	30	216	250	155	230	90	70	14		4-Ø10	150	226	172
DN200	60	170	236	35	264.5	295	202	280	125	102	17		4-Ø12	150	313	289
DN250	68	205	277	24	322.5	355	250	345	125	102	22		4-Ø12	150	313	289
DN300	78	238	317	24	373.5	410	301	390	150	125	22		4-Ø14	300	305	312
DN350	78	265	360	29	419	470	333	435	150	125	27		4-Ø14	300	305	312
DN400	102	302	390	29	488	525	394	495	175	140	27		4-Ø18	300	388	441
DN450	114	330	412	29	535	585	440	555	210	165	27		4-Ø22	300	388	441
DN500	127	366	470	38	585	650	491	605	210	165	36		4-Ø22	300	388	441
DN600	154	438	533	38	690	770	592	715	210	165	36		4-Ø22	38	416	516
DN700	165	500	601	60	786	840	695	810	300	254	46		8-Ø18	425	532	630
DN800	190	560	660	60	891	950	795	920	300	254	46		8-Ø18	425	532	630
DN900	203	632	720	60	991	1050	895	1020	300	254	46		8-Ø18	425	532	630
DN1000	216	690	802	60	1100	1160	995	1120	300	254	46		8-Ø18	425	532	630
DN1200	254	858	932	60	1340	1380	1190	1340	300	254	46		8-Ø18	425	532	630