

WAFER TYPE S57



WAFER TYPE S57, BONDED LINER

Size DN40 to DN1200

Design EN593

Face to face acc. EN 558.1 series 20

Flange connections DIN PN6-10-16-25

ANSI B 16.5 Cl. 150#

JIS B 2211 5K, 10K

Temperature range -40 / + 250 °C

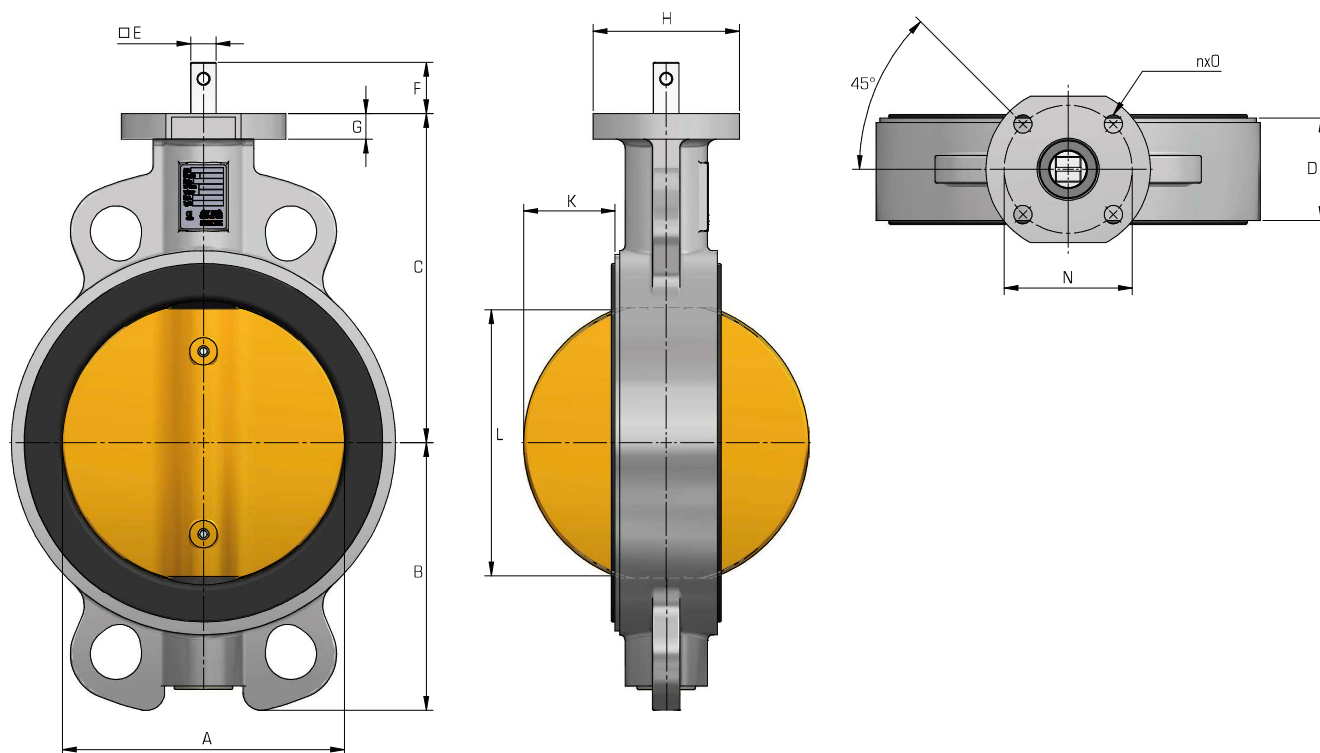
Various pressure ratings up to 25 bar

Top flange according ISO 5211

Vacuum to 1*10⁻³ 0.2 Torr absolute

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BARE SHAFT



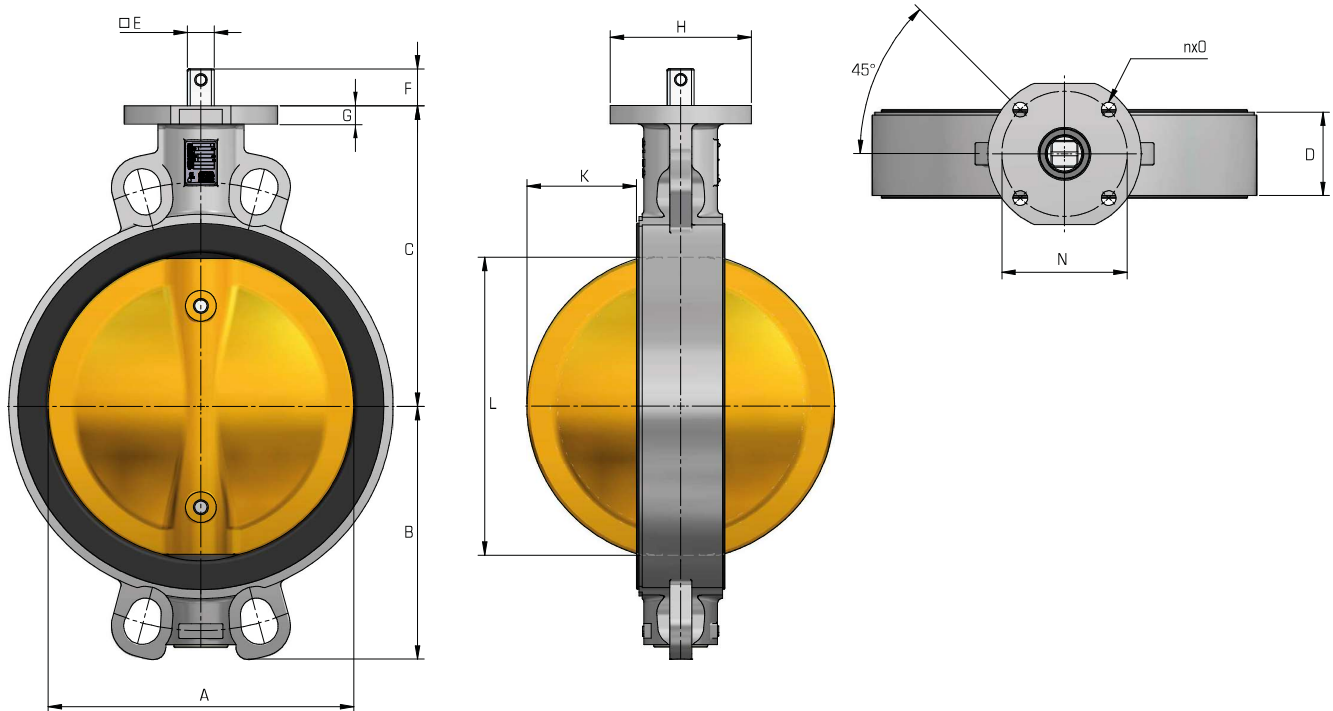
Standard available materials:

Body	Disc	Shaft	Seat
EN-JS1030	BS1400 AB2	SS 1.4122	NBR
A216 WCB	EN-JS1030	SS 431	EPDM
SS 1.4408	SS 1.4408	SS 1.4462	Viton
BS1400 AB2	SD 2507	SD F53	Silicone

DN	NPS	ϕA	E	F	B	C	ϕH	D	N (PCD) (ISO 5211)	n x ϕO	G	L	K	Weight +/-kg
40	1½"	40	11	25	61	113	90	33	$\phi 70$ (F07)	4 x $\phi 9$	12	23	3,5	2,2 kg
50	2"	52	11	25	67	118	90	43	$\phi 70$ (F07)	4 x $\phi 9$	12	30	4,7	2,4 kg
65	2½"	68	11	25	74	126	90	46	$\phi 70$ (F07)	4 x $\phi 9$	12	49	11	3,0 kg
80	3"	82	11	25	82	133	90	46	$\phi 70$ (F07)	4 x $\phi 9$	14	68	18	3,8 kg
100	4"	104	11	25	100	147	90	52	$\phi 70$ (F07)	4 x $\phi 9$	14	90	26	4,6 kg
125	5"	127	14	28	112	160	90	56	$\phi 70$ (F07)	4 x $\phi 9$	14	114	35	7,2 kg
150	6"	151	14	28	134	180	90	56	$\phi 70$ (F07)	4 x $\phi 9$	14	140	47	9,5 kg

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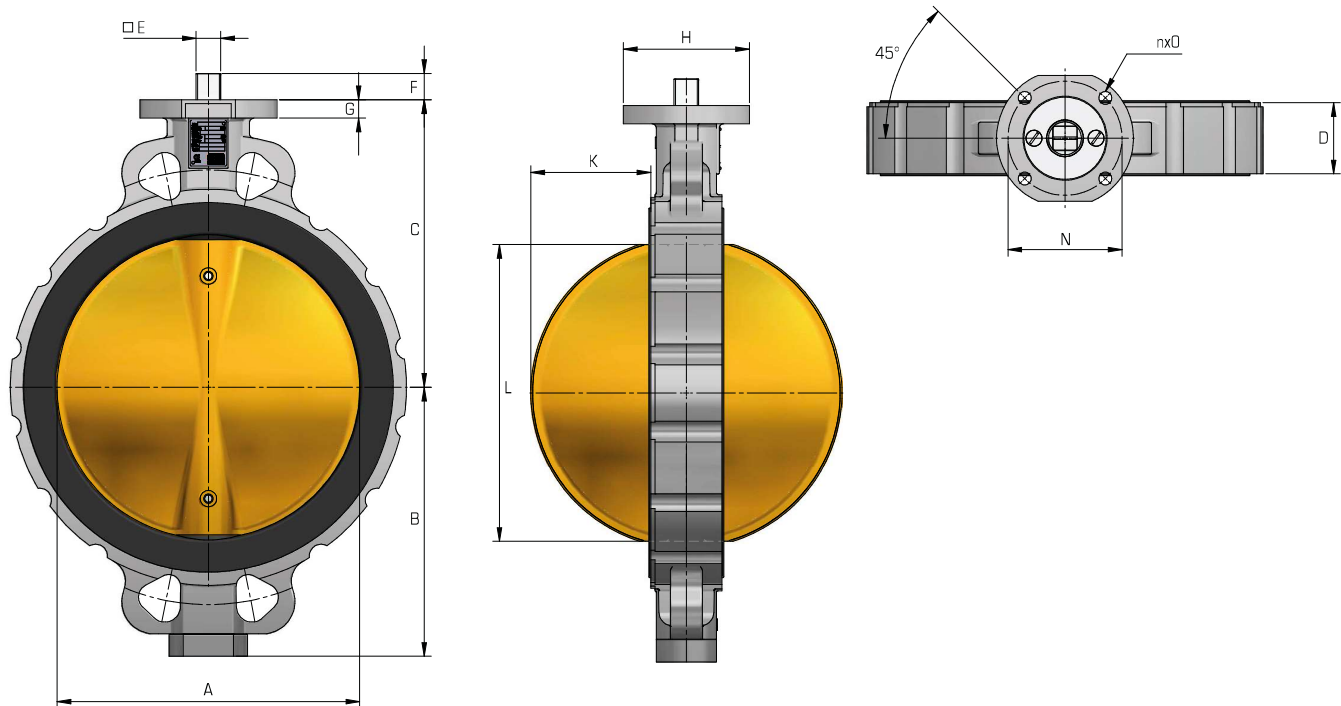
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BS1400 AB2	SD 2507	SD F53	Silicone

DN	NPS	øA	E	F	B	C	øH	D	N (PCD) (ISO 5211)	n x Ø	G	L	K	Weight +/-kg
200	8"	201	17	28	159	204	90	60	ø70 (F07)	4 x ø9	14	192	70	13,5 kg
250	10"	252	22	30	195	245	125	68	ø102 (F10)	4 x ø11	15	243	91	20,2 kg
300	12"	304	22	30	220	270	125	78	ø102 (F10)	4 x ø11	15	293	113	29,6 kg

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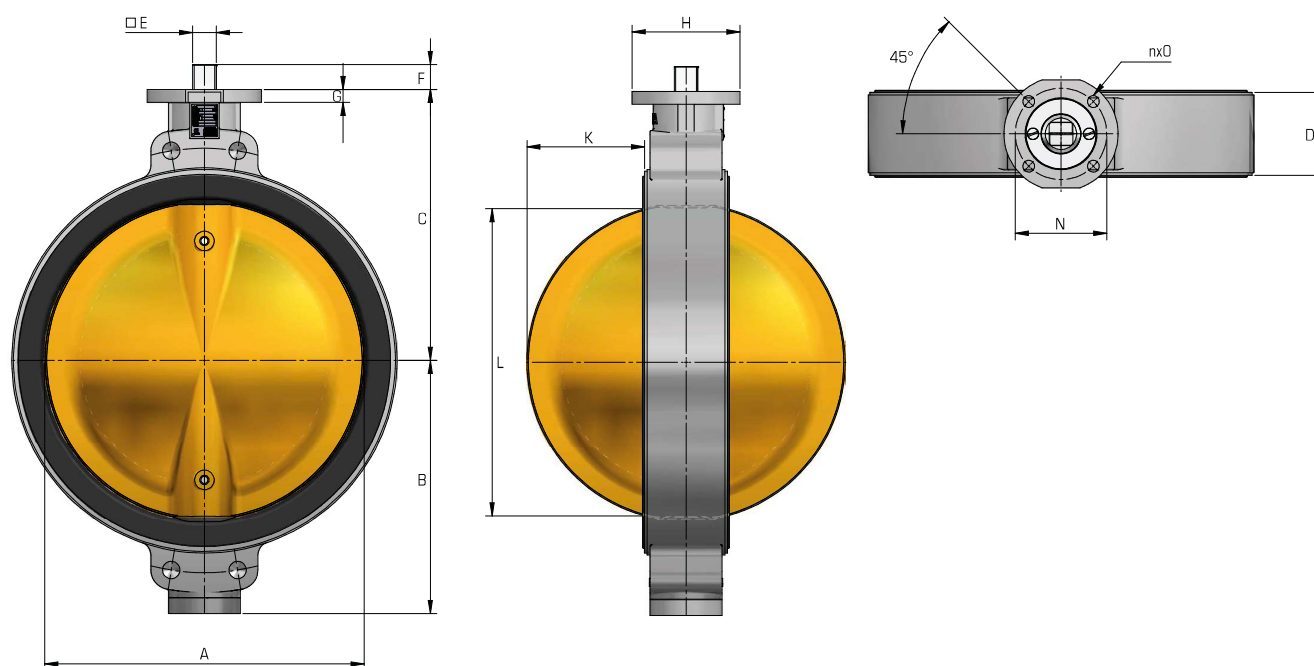
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SS 1.4408	SS 1.4408	SS 1.4462	Viton
BS1400 AB2	SD 2507	SD F53	Silicone

DN	NPS	øA	E	F	B	C	øH	D	N (PCD) (ISO 5211)	n x Ø	G	L	K	Weight +/-kg
350	14"	336	27	29	282	315	150	78	ø125 (F12)	4 x ø14	20	327	129	39 kg
400	16"	397	27	29	307	350	150	102	ø125 (F12)	4 x ø14	20	383	147	70 kg

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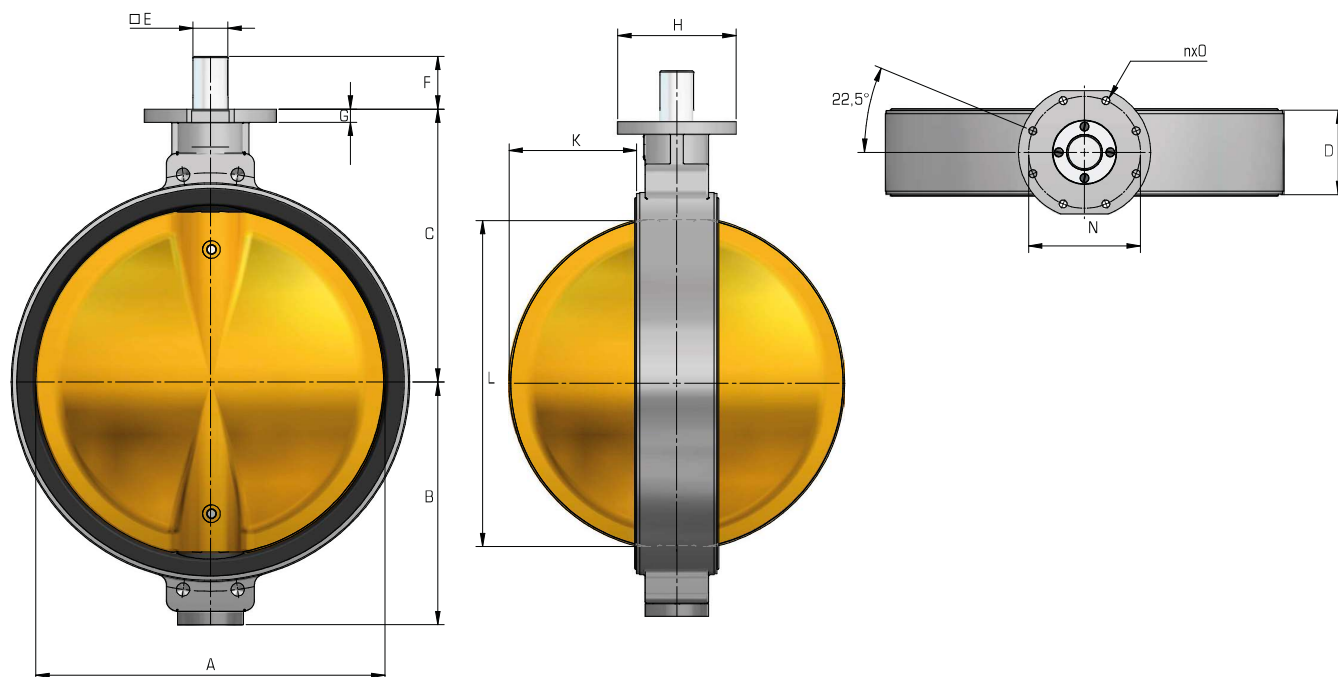
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DN	NPS	ϕA	E	F	B	C	ϕH	D	N (PCD) (ISO 5211)	n x \square	G	L	K	Weight +/-kg
450	18"	447	36	38	352	375	175	114	$\phi 140$ (F14)	4 x $\phi 18$	20	432	167	98 kg
500	20"	497	36	38	387	415	175	127	$\phi 140$ (F14)	4 x $\phi 18$	20	481	185	128 kg
600	24"	601	46	48	452	465	210	154	$\phi 165$ (F16)	4 x $\phi 22$	25	581	223	203 kg

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DN	NPS	øA	E	F	B	C	øH	D	N (PCD) (ISO 5211)	n x Ø	G	L	K	Weight +/-kg
700	28"	689	ø70	110	502	555	210	165	ø165 (F16)	4 x ø22	25	669	262	320 kg
800	32"	790	ø80	120	557	620	300	190	ø254 (F25)	8 x ø18	30	767	300	350 kg
900	36"	889	ø90	120	622	675	300	203	ø254 (F25)	8 x ø18	30	865	343	500 kg
1000	40"	986	ø90	120	672	740	300	216	ø254 (F25)	8 x ø18	30	962	385	750 kg
1100	44"	1073	ø105	120	800	756	350	254	ø298 (F30)	8 x ø22	40	1042	410	1021 kg
1200	48"	1174	ø110	160	875	824	350	254	ø298 (F30)	8 x ø22	40	1146	410	1250 kg