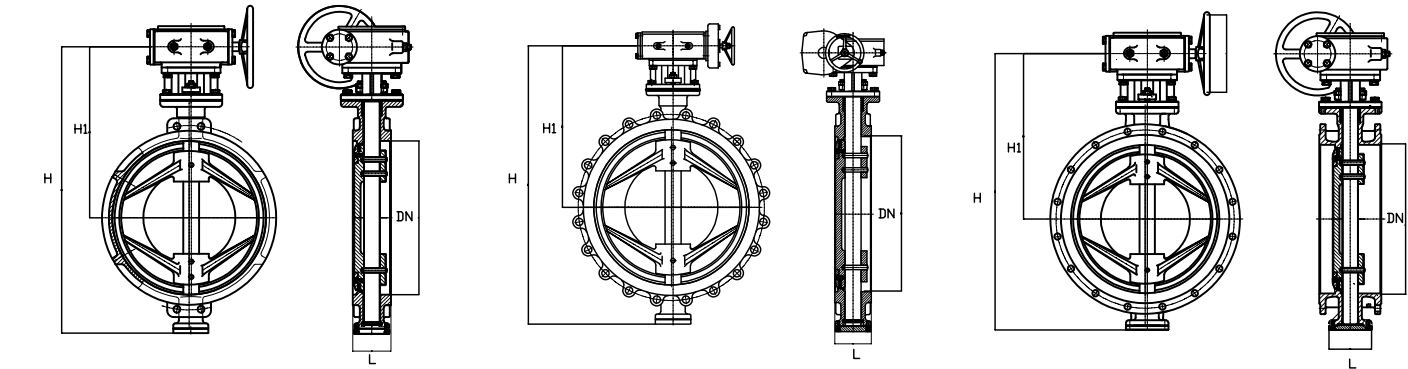


ANSI BUTTERFLY VALVE MATERIAL LIST

Item	Part Name	Carbon Steel to ASTM		Alloy Steel to ASTM				Stainless Steel to ASTM			
1	Body	A216 WCB+13Cr	A352 LCB+304	A217 WC1+STL	A217 WC6+STL	A217 WC9+STL	A217 C5+STL	A351 CF8	A351 CF8M	A351CF3	A351CF3M
2	Stem	A276 420	A276 420	A276 420	A276 420	A276 420	A276 420	A182 F304	A182 F316	A182 F304L	A182 F316L
3	Pin	A276 420	A276 420	A276 420	A276 420	A276 420	A276 420	A182 F304	A182 F316	A182 F304L	A182 F316L
4	Disc	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
5	Multi-layer sealing	SS304+Graphite/SS316+Graphite/PTFE									
6	Seat Protection ring	AISI 1025	A352 LCB	A182 F11/F22				A182 F304	A182 F316	A182 F304L	A182 F316L
7	Hex.Socket Screw	A193 B7	A320 L7	A193 B16	A193 B16	A193 B16	A193 B16	A193 B8	A193 B8	A193 B8	A193 B8
8	Bolts	A193 B7	A320 L7	A193 B16	A193 B16	A193 B16	A193 B16	A193 B8	A193 B8	A193 B8	A193 B8
9	Bottom Cap	ASTM A105		A182 F11/F22				A182 F304	A182 F316	A182 F304L	A182 F316L
10	Gasket	SS304+Graphite/SS316+Graphite/PTFE									
11	Split Collar	A276 420	A276 420	A276 420	A276 420	A276 420	A276 420	A182 F304	A182 F316	A182 F304L	A182 F316L
12	Lining	A182 F304						A182 F304	A182 F316	A182 F304L	A182 F316L
13	packing	Braided graphite,or Die-formed graphite ring or PTFE									
14	Packing Gland	A216 WCB	A352 LCB	A217 WC1	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
15	Bolts	A193 B7	A320 L7	A193 B16	A193 B16	A193 B16	A193 B16	A193 B8	A193 B8M	A193 B8	A193 B8M
16	Nuts	A194 2H	A194 4	A194 4	A194 4	A194 4	A194 4	A194 8	A194 8M	A194 8	A194 8M
17	Bolts	A193 B7	A320 L7	A193 B16	A193 B16	A193 B16	A193 B16	A193 B8	A193 B8M	A193 B8	A193 B8M
18	Nuts	A194 2H	A194 4	A194 4	A194 4	A194 4	A194 4	A194 8	A194 8M	A194 8	A194 8M
19	Yoke	A216 WCB	A216 WCB	A216 WCB	A216 WCB	A216 WCB	A216 WCB	A216 WCB	A216 WCB	A216 WCB	A216 WCB



Dimensional datas of ANSI ButterflyClass 150LB

SIZE(inch)	DN(mm)	L(mm)			External Dimenssion(mm)		W(mm)	Weight(kg)		
		Wafer	Lug	Flange	H	H1		Wafer	Lug	Flange
2"	50	43	43	108	310	210	203	7	7	11
3"	80	48	48	114	340	230	203	9	9	15.4
4"	100	54	54	127	400	265	203	11	14	23
5"	125	56	56	140	480	325	250	15	18	29
6"	150	57	57	140	530	345	305	17	20	33
8"	200	64	64	152	620	395	395	25	31	50
10"	250	71	71	165	680	425	425	40	49	73
12"	300	81	81	178	800	495	495	61	79	108
14"	350	92	92	190	880	555	555	82	107	143
16"	400	102	102	216	950	590	590	123	150	186
18"	450	114	114	222	1000	630	630	150	182	234
20"	500	127	127	229	1110	700	700	204	253	277
24"	600	154	154	267	1230	750	750	300	398	408
28"	700	165	165	292	1377	819	750	387	443	595
30"	750	167	167	318	1450	870	870	454	490	816
32"	800	190	190	318	1550	950	950	553	597	914
36"	900	203	203	330	1660	1000	1000	762	771	1157
40"	1000	216	216	410	1720	1080	1080	975	1179	1610
48"	1200	254	254	470	2080	1250	1250	1678	1928	2359

- 1.The dimension and weights are for reference only and subject to change without notice.
- 2. For more dimensional information, please contact our sales representative.
- 3. "W" on above schematic is the diameter for hand wheel"