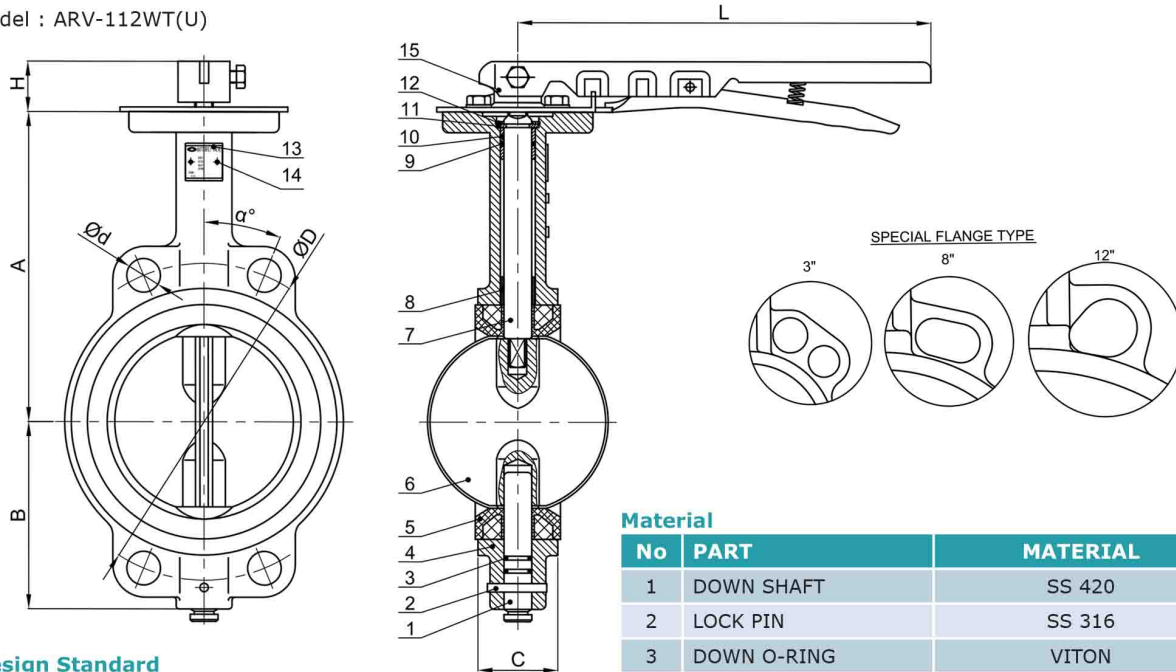


WAFER TYPE BUTTERFLY VALVE MULTIPLE FLANGED

Model : ARV-112WT(U)



Design Standard

Design Standard	EN 593
Face to Face	EN 558
Flange Connection	Arita Universal Standard (include ANSI 150, JIS 10K, EN 1092 PN 10/16, AS 2129 Table E)
Test Standard	EN 12266-1

Hydrostatic Test

Pressure Rating	PN 10
Shell Test Pressure	1.5 Mpa
Seal Test Pressure	1.1 Mpa
Suitable Temperature	-20 to 180°C (PTFE)

Dimension in mm

DN	NPS	A	B	C	ØD	Ød	a°	H	L
40	1.5"	136	65	32	Ø105.6	Ø23	45°	33	200
50	2"	156	80	42.04	Ø120	Ø24	45°	33	200
65	2.5"	162	89	45.68	Ø136.13	Ø28	45°	33	200
80	3"	170	95	45.21	Ø154.5 Ø149.7	Ø24.5 Ø22	22.5° 45°	33	200
100	4"	185	119	52.07	Ø182.5	Ø27	22.5°	33	200
125	5"	207	127	55.36	Ø212.5	Ø25.5	22.5°	33	200
150	6"	216	139	55.76	Ø238.12	Ø26	22.5°	33	200
200	8"	256	175	60.58	Ø293 Ø296.07	Ø26 Ø27	15° 22.5°	40	373
250	10"	248	203	67.63	Ø357	Ø30.5	15°	40	373
300	12"	280	242	76.9	Ø400 Ø416.7	Ø25 Ø40.5	11.5° 15°	40	373

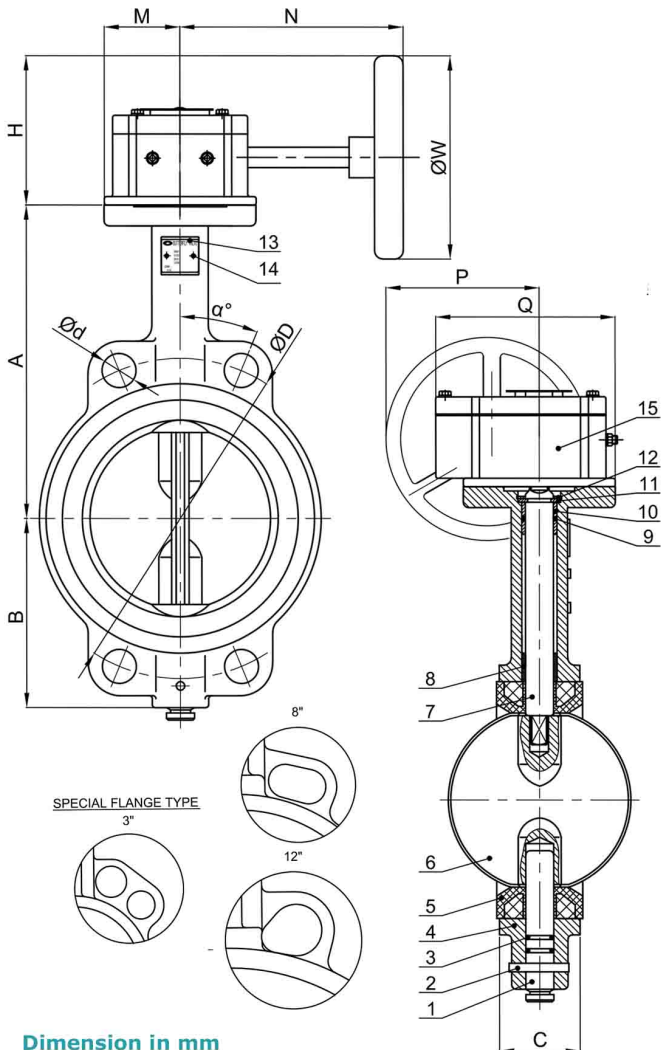
Material

No	PART	MATERIAL
1	DOWN SHAFT	SS 420
2	LOCK PIN	SS 316
3	DOWN O-RING	VITON
4	BODY	SS 316
5	SEAT	PTFE
6	DISC	SS 316
7	UPPER SHAFT	SS 420
8	BUSHING (LONG)	PTFE
9	O-RING	VITON
10	BUSHING (SHORT)	PTFE
11	BESECT RING	SS 416
12	KEEPING RING	SPRING STEEL
13	NAME PLATE	ALUMINIUM
14	RIVET	ALUMINIUM
15	HAND LEVER	STAINLESS STEEL

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12	KEEPING RING	SPRING STEEL
13	NAME PLATE	ALUMINIUM
14	RIVET	ALUMINIUM
15	GEAR BOX	

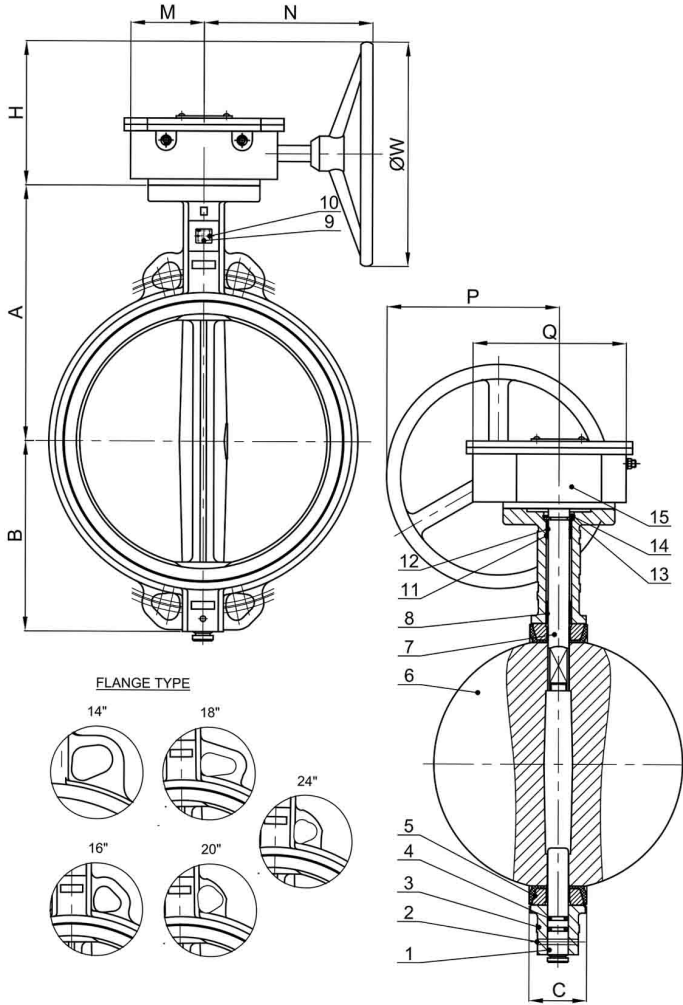
Dimension in mm

DN	NPS	A	B	C	ØD	Ød	α°	H	ØW	M	N	P	Q
40	1.5"	136	65	32	Ø105.6	Ø23	45°	90	Ø120	45	155	100	108
50	2"	156	80	42.04	Ø120	Ø24	45°	90	Ø120	45	155	100	108
65	2.5"	162	89	45.68	Ø136.13	Ø28	45°	90	Ø120	45	155	100	108
80	3"	170	95	45.21	Ø154.5 Ø149.7	Ø24.5 Ø22	22.5° 45°	90	Ø120	45	155	100	108
100	4"	185	119	52.07	Ø182.5	Ø27	22.5°	90	Ø120	45	155	100	108
125	5"	207	127	55.36	Ø212.5	Ø25.5	22.5°	90	Ø120	45	155	100	108
150	6"	216	139	55.76	Ø238.12	Ø26	22.5°	90	Ø120	45	155	100	108
200	8"	256	175	60.58	Ø293 Ø296.07	Ø26 Ø27	15° 22.5°	138	Ø200	63	190	157	144
250	10"	248	203	67.63	Ø357	Ø30.5	15°	138	Ø200	63	190	157	144
300	12"	280	242	76.9	Ø400 Ø416.7	Ø25 Ø40.5	11.5° 15°	138	Ø200	63	190	157	144

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12	KEEPING RING	SPRING STEEL
13	NAME PLATE	ALUMINIUM
14	RIVET	ALUMINIUM
15	GEAR BOX	

Dimension in mm

DN	NPS	A	B	C	ØD	Ød	a°	H	ØW	M	N	P	Q
350	14"	368	267	75	Ø445 Ø470 Ø476.2	Ø25 Ø28 Ø26	11.25° 11.25° 15°	260	Ø400	125	320	323	260
400	16"	399	297	85.7	Ø521 Ø521 Ø525 Ø539.5	Ø27 Ø26 Ø31 Ø29	11.25° 11.25° 11.25° 11.25°	260	Ø400	125	320	323	260
450	18"	426	321	104.6	Ø525 Ø584 Ø585	Ø26 Ø27 Ø30	15° 9° 9°	260	Ø400	125	320	323	260
500	20"	481	358	130.28	Ø620 Ø641 Ø650	Ø27 Ø26 Ø33	9° 11.25° 9°	260	Ø400	125	320	323	260
600	24"	563	425	151.36	Ø725 Ø756 Ø770	Ø30 Ø33 Ø36	9° 11.25° 9°	290	Ø450	150	350	368	310

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