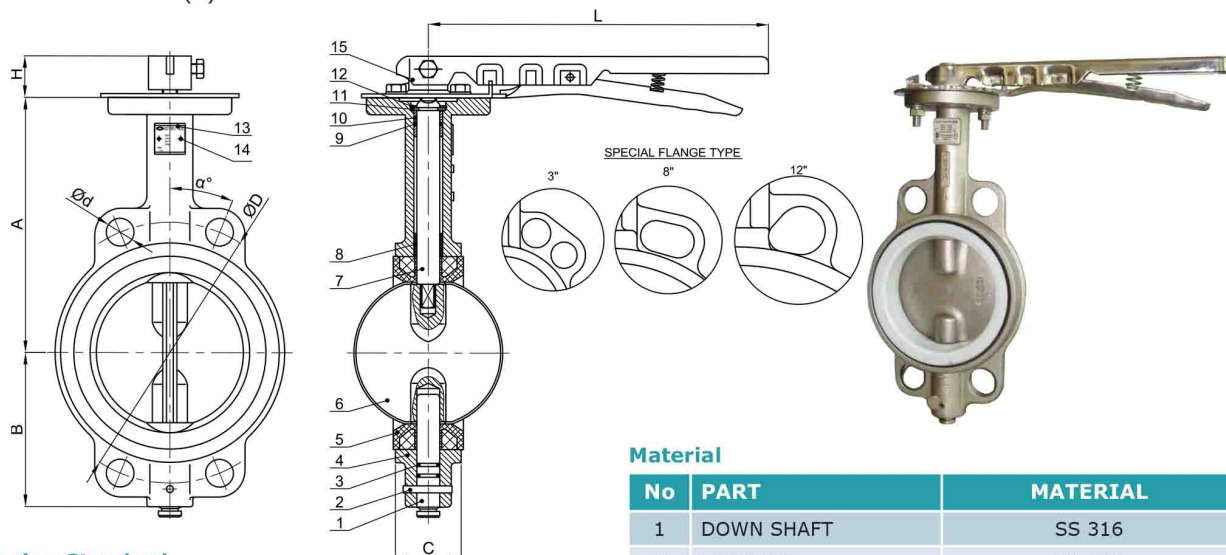


WAFER TYPE BUTTERFLY VALVE MULTIPLE FLANGED

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	-15 to 140°C

Note : If PTFE seat only with PN10

PTFE temperature depend on the lined rubber

* Torque PTFE / Torque PN10 & PN16 for rubber seat

Material

No	PART	MATERIAL
1	DOWN SHAFT	SS 316
2	LOCK PIN	SS 316
3	DOWN O-RING	VITON
4	BODY	SS 316
5	SEAT	PTFE Lined EPDM
6	DISC	SS 316
7	UPPER SHAFT	SS 316
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

Dimension in mm

DN	NPS	A	B	C	ØD	Ød	a°	H	L	Torque (Nm) PTFE	Weight (kg)
40	1.5"	136	65	32	Ø105.6	Ø23	45°	33	200	17	2.24
50	2"	156	80	42.04	Ø120	Ø24	45°	33	200	18	2.64
65	2.5"	162	89	45.68	Ø136.13	Ø28	45°	33	200	20	3.0
80	3"	170	95	45.21	Ø154.5 Ø149.7	Ø24.5 Ø22	22.5° 45°	33	200	29	3.1
100	4"	185	119	52.07	Ø182.5	Ø27	22.5°	33	200	48	4.5
125	5"	207	127	55.36	Ø212.5	Ø25.5	22.5°	33	200	75	6.46
150	6"	216	139	55.76	Ø238.12	Ø26	22.5°	33	200	122	7.54
200	8"	256	175	60.58	Ø293 Ø296.07	Ø26 Ø27	15° 22.5°	40	373	226	13.04
250	10"	248	203	67.63	Ø357	Ø30.5	15°	40	373	372	19.74
300	12"	280	242	76.9	Ø400 Ø416.7	Ø25 Ø40.5	11.5° 15°	40	373	558	26.76

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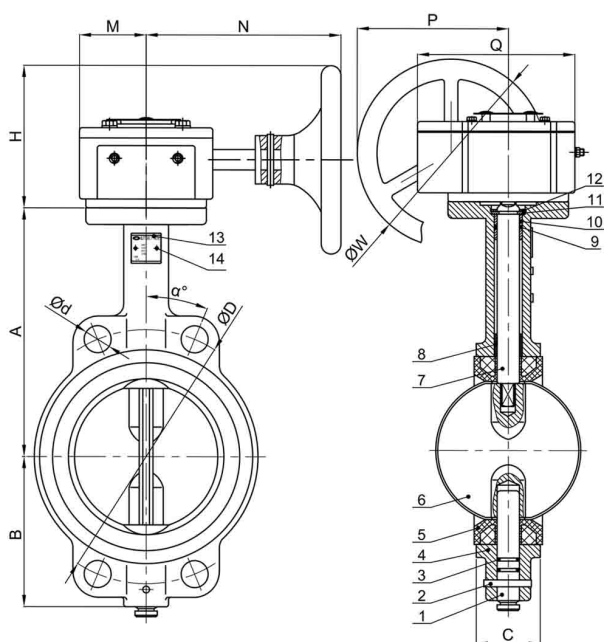
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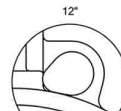
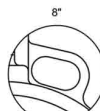
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WAFER TYPE BUTTERFLY VALVE MULTIPLE FLANGED

Model : ARV-112WT(U)



SPECIAL FLANGE TYPE



Hydrostatic Test

Pressure Rating	PN 10
Shell Test Pressure	1.5 Mpa
Seal Test Pressure	1.1 Mpa
Suitable Temperature	-15 to 140°C

Material

No	PART	MATERIAL
1	DOWN SHAFT	SS 316
2	LOCK PIN	SS 316
3	DOWN O-RING	VITON
4	BODY	SS 316
5	SEAT	PTFE Lined EPDM
6	DISC	SS 316
7	UPPER SHAFT	SS 316
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	GEAR BOX	CAST IRON

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

Note : If PTFE seat only with PN10

PTFE temperature depend on the lined rubber

* Torque PTFE / Torque PN10 & PN16 for rubber seat

Dimension in mm

DN	NPS	A	B	C	ØD	Ød	a°	H	ØW	M	N	P	Q	Torque (Nm) PTFE	Weight (kg)
40	1.5"	136	65	32	Ø105.6	Ø23	45°	90	Ø146	50.5	150	118	121	17	5.76
50	2"	156	80	42.04	Ø120	Ø24	45°	90	Ø146	50.5	150	118	121	18	6.26
65	2.5"	162	89	45.68	Ø136.13	Ø28	45°	90	Ø146	50.5	150	118	121	20	6.68
80	3"	170	95	45.21	Ø154.5 Ø149.7	Ø24.5 Ø22	22.5° 45°	90	Ø146	50.5	150	118	121	29	6.74
100	4"	185	119	52.07	Ø182.5	Ø27	22.5°	90	Ø146	50.5	150	118	121	48	7.44
125	5"	207	127	55.36	Ø212.5	Ø25.5	22.5°	90	Ø146	50.5	150	118	121	75	9.66
150	6"	216	139	55.76	Ø238.12	Ø26	22.5°	90	Ø146	50.5	150	118	121	122	10.82
200	8"	256	175	60.58	Ø293 Ø296.07	Ø26 Ø27	15° 22.5°	138	Ø285	71	207	208.5	170	226	18.92
250	10"	248	203	67.63	Ø357	Ø30.5	15°	138	Ø285	71	207	208.5	170	372	25.3
300	12"	280	242	76.9	Ø400 Ø416.7	Ø25 Ø40.5	11.5° 15°	138	Ø285	76	203	219.5	187	558	35.0

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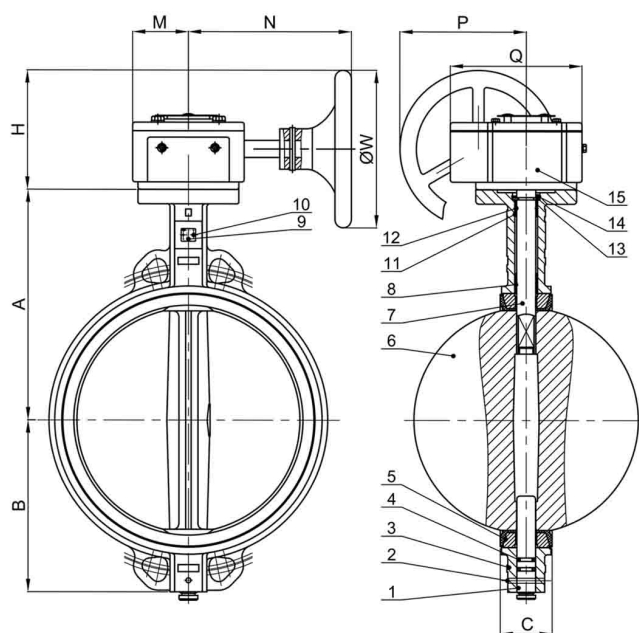
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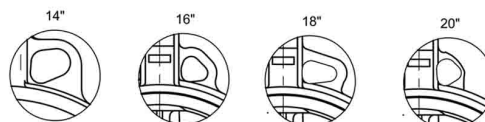
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WAFER TYPE BUTTERFLY VALVE MULTIPLE FLANGED

Model : ARV-112WT(U)



FLANGE TYPE



Hydrostatic Test

Pressure Rating	PN 10
Shell Test Pressure	1.5 Mpa
Seal Test Pressure	1.1 Mpa
Suitable Temperature	-15 to 140°C

Material

No	PART	MATERIAL
1	DOWN SHAFT	SS 431
2	LOCK PIN	SS 316
3	DOWN O-RING	VITON
4	BODY	SS 316
5	SEAT	PTFE Lined EPDM
6	DISC	SS 316
7	UPPER SHAFT	SS 431
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	GEAR BOX	CAST IRON

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

Note : If PTFE seat only with PN10
PTFE temperature depend on the lined rubber
* Torque PTFE / Torque PN10 & PN16 for rubber seat

Dimension in mm

DN	NPS	A	B	C	ØD	Ød	a°	H	ØW	M	N	P	Q	Torque (Nm) PTFE	Weight (kg)
350	14"	368	267	75	Ø445 Ø470 Ø476.2	Ø25 Ø28 Ø26	11.25° 11.25° 15°	261	Ø385	123	285	310	290	715	42
400	16"	399	297	85.7	Ø521 Ø521 Ø525 Ø539.5	Ø27 Ø26 Ø31 Ø29	11.25° 11.25° 11.25° 11.25°	261	Ø385	123	285	323	290	982	83
450	18"	426	321	104.6	Ø525 Ø584 Ø585	Ø26 Ø27 Ø30	15° 9° 9°	261	Ø385	123	285	310	290	1316	122
500	20"	481	358	130.28	Ø620 Ø641 Ø650	Ø27 Ø26 Ø33	9° 11.25° 9°	261	Ø385	123	285	310	290	1755	202

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