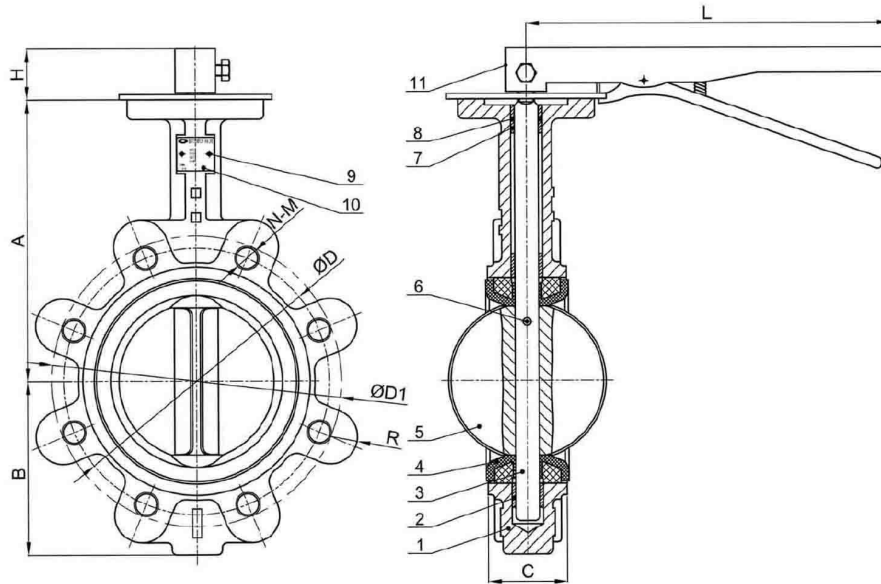


## LUG TYPE BUTTERFLY VALVE ANSI FLANGED

Model : ARV-812LT(A)



### Design Standard

<b>Design Standard</b>	EN 593
<b>Face to Face</b>	EN 558
<b>Flange Connection</b>	ANSI 150
<b>Test Standard</b>	EN 12266-1

### Material

No	PART	MATERIAL
1	BODY	CAST IRON
2	SHAFT	SS 420
3	BUSHING (LONG)	PTFE
4	SEAT	EPDM
5	DISC	CF8
6	PIN	SS 316
7	BUSHING (SHORT)	PTFE
8	O-RING	EPDM
9	RIVET	ALUMINIUM
10	NAME PLATE	ALUMINIUM
11	HAND LEVER	DI

### Hydrostatic Test

<b>Pressure Rating</b>	PN 16 (2" - 12") PN 10 (14" & above)
<b>Shell Test Pressure</b>	1.5 / 2.4 Mpa
<b>Seal Test Pressure</b>	1.1 / 1.76 Mpa
<b>Suitable Temperature</b>	-15 to 140 °C (EPDM)

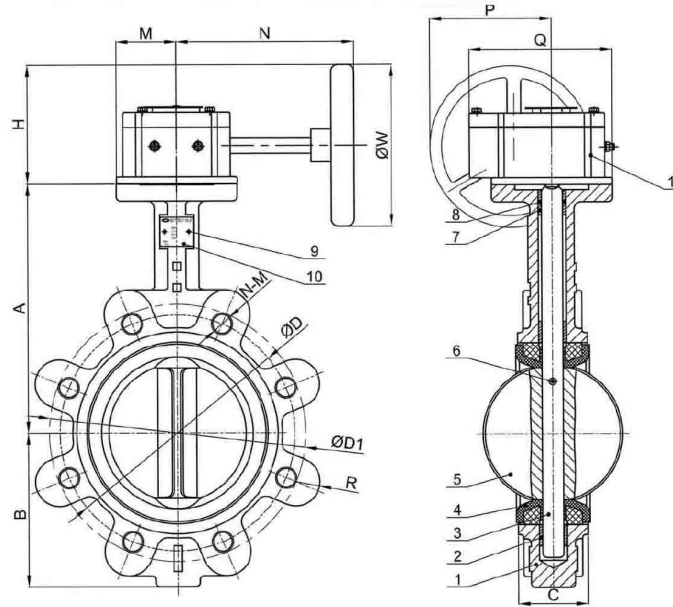
### Dimension in mm

SIZES	DN	A	B	C	ØD	N-M	ØD1	R	H	L	Torque		Weight (kg)	
											PN10	PN16		
2"	50	156	80	42.04	Ø120.6	4-5/8"	10UNC	Ø125	15	24	240	14	15	3.7
2.1/2"	65	162	89	45.68	Ø139.7	4-5/8"	10UNC	Ø145	17	24	240	15	17	4.16
3"	80	170	95	45.21	Ø152.4	4-5/8"	10UNC	Ø152.4	15	24	240	22	23	5.1
4"	100	185	114	52.07	Ø190.5	8-5/8"	10UNC	Ø190.5	18	28	260	37	40	8.36
5"	125	207	127	55.36	Ø215.9	8-3/4"	10UNC	Ø215.9	22	32	267	58	62	10.9
6"	150	216	139	55.75	Ø241.3	8-3/4"	10UNC	Ø241.3	22	32	267	94	102	12.98
8"	200	256	175	60.58	Ø298.4	8-3/4"	10UNC	Ø298.4	22	34	355	174	192	21.4
10"	250	248	203	67.63	Ø361.9	12-7/8"	9UNC	Ø361.9	23	34	355	286	323	29.88
12"	300	280	242	76.9	Ø431.8	12-7/8"	9UNC	Ø431.8	25	34	355	429	490	47.5

The contents of this literature are for informative purposes only. Arita is not responsible for suitability or compatibility of these products in relation to system requirement. For specific requirements, consult Arita or its distributors. Arita reserves the right to change or modify product design without prior notice.

## LUG TYPE BUTTERFLY VALVE ANSI FLANGED

Model : ARV-812LT(A)



### Design Standard

<b>Design Standard</b>	EN 593
<b>Face to Face</b>	EN 558
<b>Flange Connection</b>	ANSI 150
<b>Test Standard</b>	EN 12266-1

### Hydrostatic Test

<b>Pressure Rating</b>	PN 16 (2" - 12") PN 10 (14" & above)
<b>Shell Test Pressure</b>	1.5 / 2.4 Mpa
<b>Seal Test Pressure</b>	1.1 / 1.76 Mpa
<b>Suitable Temperature</b>	-15 to 140 °C (EPDM)

### Material

No	PART	MATERIAL
1	BODY	CAST IRON
2	SHAFT	SS 420
3	BUSHING (LONG)	PTFE
4	SEAT	EPDM
5	DISC	CF8
6	PIN	SS 316
7	BUSHING (SHORT)	PTFE
8	O-RING	EPDM
9	RIVET	ALUMINIUM
10	NAME PLATE	ALUMINIUM
11	GEAR BOX	

### Dimension in mm

SIZES	DN	A	B	C	ØD	N-M	ØD1	R	H	ØW	M	N	P	Q	Torque		Wt. (kg)	
															PN10	PN16		
2"	50	156	80	42.04	120.6	4-5/8"	10UNC	Ø125	15	90	120	45	155	100	108	14	15	7.38
2.1/2"	65	162	89	45.68	139.7	4-5/8"	10UNC	Ø145	17	90	120	45	155	100	108	15	17	7.88
3"	80	170	95	45.21	152.4	4-5/8"	10UNC	Ø152.4	15	90	120	45	155	100	108	22	23	8.78
4"	100	185	114	52.07	190.5	8-5/8"	10UNC	Ø190.5	18	90	120	45	155	100	108	37	40	11.36
5"	125	207	127	55.36	215.9	8-3/4"	10UNC	Ø215.9	22	90	120	45	155	100	108	58	62	13.9
6"	150	216	139	55.75	241.3	8-3/4"	10UNC	Ø241.3	22	90	120	45	155	100	108	94	102	15.8
8"	200	256	175	60.58	298.4	8-3/4"	10UNC	Ø298.4	22	138	200	63	190	157	144	174	192	27.0
10"	250	248	203	67.63	361.9	12-7/8"	9UNC	Ø361.9	25	138	200	63	190	157	144	286	323	35.4
12"	300	280	242	76.9	431.8	12-7/8"	9UNC	Ø431.8	23	138	200	63	190	157	144	429	490	54.8

The contents of this literature are for informative purposes only. Arita is not responsible for suitability or compatibility of these products in relation to system requirement. For specific requirements, consult Arita or its distributors. Arita reserves the right to change or modify product design without prior notice.