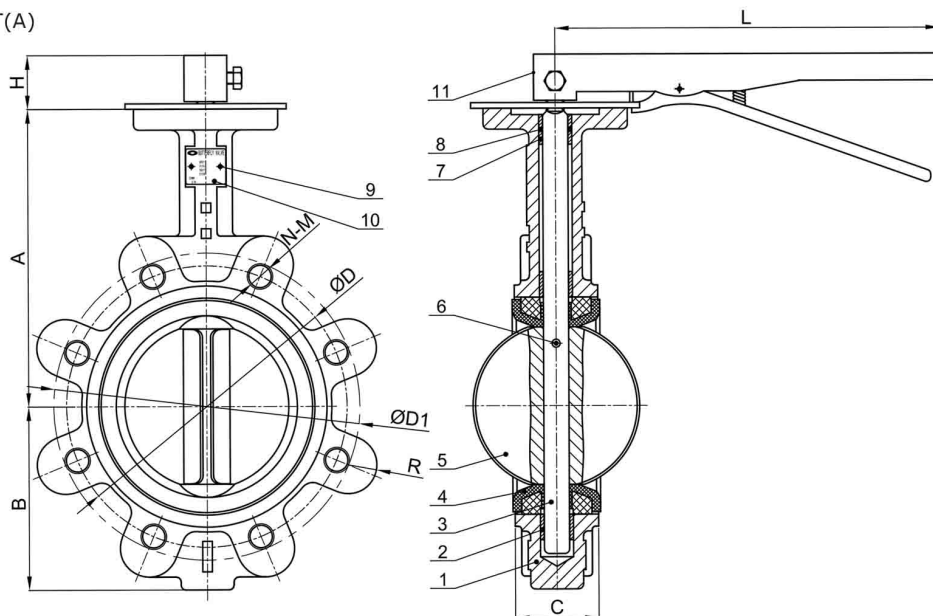


LUG TYPE BUTTERFLY VALVE ANSI FLANGED

Model : ARV-812LT(A)



Design Standard

Design Standard	EN 593
Face to Face	EN 558
Flange Connection	ANSI 150
Test Standard	EN 12266-1

Hydrostatic Test

Pressure Rating	PN10 / PN16
Shell Test Pressure	1.5 / 2.4 Mpa
Seal Test Pressure	1.1 / 1.76 Mpa
Suitable Temperature	-20 to 130 °C (EPDM)

Material

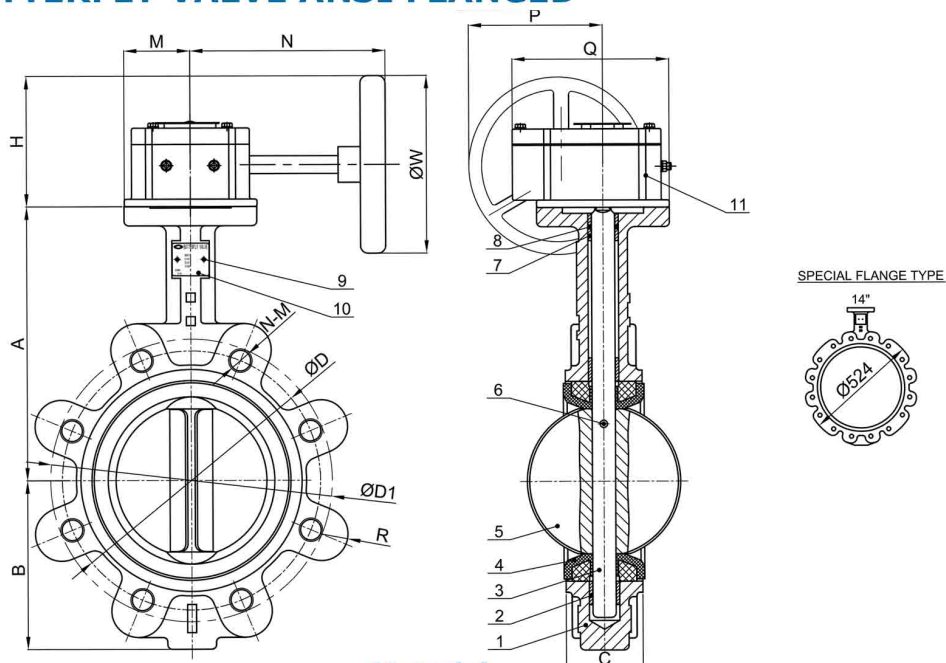
No	PART	MATERIAL
1	BODY	CAST IRON
2	SHAFT	SS 420
3	BUSHING (LONG)	PTFE
4	SEAT	EPDM
5	DISC	CF8
6	PIN	SS 316
7	BUSHING (SHORT)	PTFE
8	O-RING	EPDM
9	RIVET	ALUMINIUM
10	NAME PLATE	ALUMINIUM
11	HAND LEVER	DI

Dimension in mm

SIZES	DN	A	B	C	ØD	N-M		ØD1	R	H	L
2"	50	156	80	42.04	Ø120.6	4-5/8"	10UNC	Ø125	15	24	240
2.1/2"	65	162	89	45.68	Ø139.7	4-5/8"	10UNC	Ø145	17	24	240
3"	80	170	95	45.21	Ø152.4	4-5/8"	10UNC	Ø152.4	15	24	240
4"	100	185	114	52.07	Ø190.5	8-5/8"	10UNC	Ø190.5	18	28	260
5"	125	207	127	55.36	Ø215.9	8-3/4"	10UNC	Ø215.9	22	32	267
6"	150	216	139	55.75	Ø241.3	8-3/4"	10UNC	Ø241.3	22	32	267
8"	200	256	175	60.58	Ø298.4	8-3/4"	10UNC	Ø298.4	22	34	355
10"	250	248	203	67.63	Ø361.9	12-7/8"	9UNC	Ø361.9	23	34	355
12"	300	280	242	76.9	Ø431.8	12-7/8"	9UNC	Ø431.8	25	34	355

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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
2"	50	156	80	42.04	Ø120.6	4-5/8"	10UNC	Ø125	15	90	Ø120	45	155	100	108
2.1/2"	65	162	89	45.68	Ø139.7	4-5/8"	10UNC	Ø145	17	90	Ø120	45	155	100	108
3"	80	170	95	45.21	Ø152.4	4-5/8"	10UNC	Ø152.4	15	90	Ø120	45	155	100	108
4"	100	185	114	52.07	Ø190.5	8-5/8"	10UNC	Ø190.5	18	90	Ø120	45	155	100	108
5"	125	207	127	55.36	Ø215.9	8-3/4"	10UNC	Ø215.9	22	90	Ø120	45	155	100	108
6"	150	216	139	55.75	Ø241.3	8-3/4"	10UNC	Ø241.3	22	90	Ø120	45	155	100	108
8"	200	256	175	60.58	Ø298.4	8-3/4"	10UNC	Ø298.4	22	138	Ø200	63	190	157	144
10"	250	248	203	67.63	Ø361.9	12-7/8"	9UNC	Ø361.9	25	138	Ø200	63	190	157	144
12"	300	280	242	76.9	Ø431.8	12-7/8"	9UNC	Ø431.8	23	138	Ø200	63	190	157	144
14"	350	368	267	78	Ø476.2	12-1"	18UNC	Ø470	27	195	Ø300	70	210	230	180