



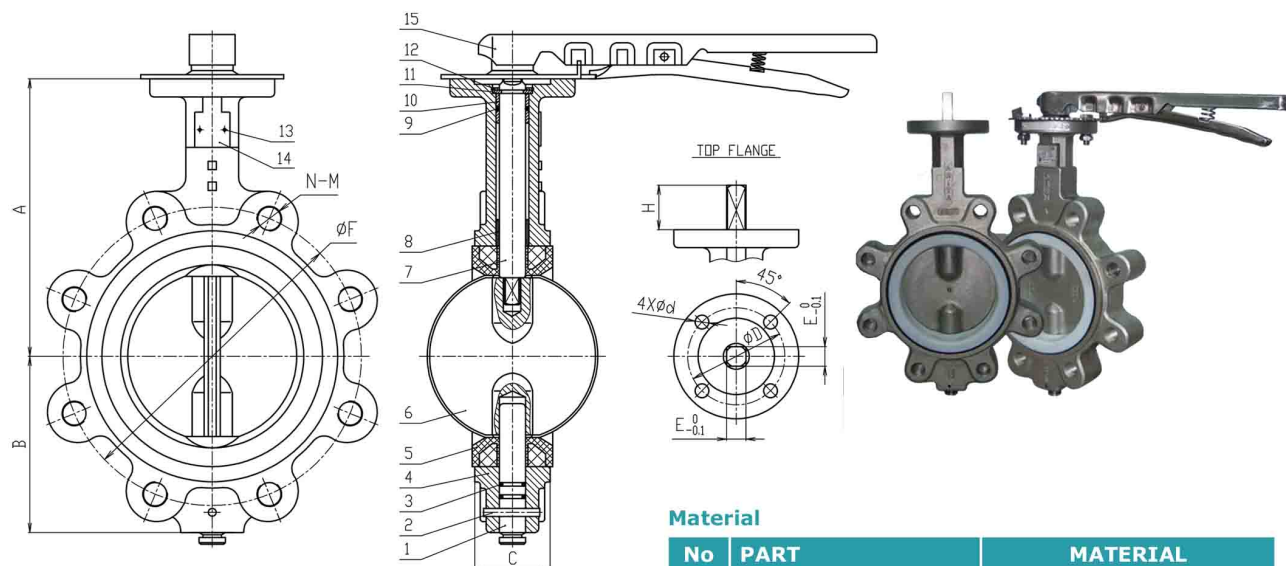
UNIMECH GROUP, MALAYSIA



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LUG TYPE BUTTERFLY VALVE ANSI FLANGED

Model : ARV-112LT(A)



Design Standard

Valve Design	EN 593
Top Flange	ISO 5211
Face to Face	EN 558
Flange Drilling	ANSI CL150
Test Standard	EN 12266-1

Hydrostatic Test

Pressure Rating	PN 10 / PN 16
Shell Test Pressure	1.5 / 2.4 Mpa
Seal Test Pressure	1.1 / 1.76 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	"O" RING	EPDM
4	BODY	CF8
5	SEAT	PTFE Lined EPDM
6	DISC	CF8
7	UPPER SHAFT	SS 316
8	BUSHING (LONG)	PTFE
9	O-RING	EPDM
10	BUSHING (SHORT)	PTFE
11	BESECT RING	SS 416
12	KEEPING RING	SPRING STEEL
13	PLATE RIVET	ALUMINIUM
14	PLATE	ALUMINIUM
15	HAND LEVER	SS304

Dimension in mm

DN	NPS	A	B	C	ØF	N-M		E	D	d	Torque (Nm) PTFE	Weight (kg)
50	2"	156	80	42.04	Ø120.6	4-5/8"	11UNC	9X9	50	7	18	4.4
65	2.5"	162	89	45.68	Ø139.7	4-5/8"	11UNC	9X9	50	7	20	4.4
80	3"	170	95	45.21	Ø152.4	4-5/8"	11UNC	9X9	50	7	29	5.0
100	4"	185	114	52.07	Ø190.5	8-5/8"	11UNC	11X11	70	10	48	8.45
125	5"	207	127	55.36	Ø215.9	8-3/4"	10UNC	14X14	70	10	75	9.16
150	6"	216	139	55.75	Ø241.3	8-3/4"	10UNC	14X14	70	10	122	12.12
200	8"	256	175	60.58	Ø298.4	8-3/4"	10UNC	17X17	102	12	226	19.68
250	10"	248	203	67.63	Ø361.9	12-7/8"	9UNC	22X22	102	12	372	32.39
300	12"	280	242	76.9	Ø431.8	12-7/8"	9UNC	22X22	102	12	558	48.46

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.



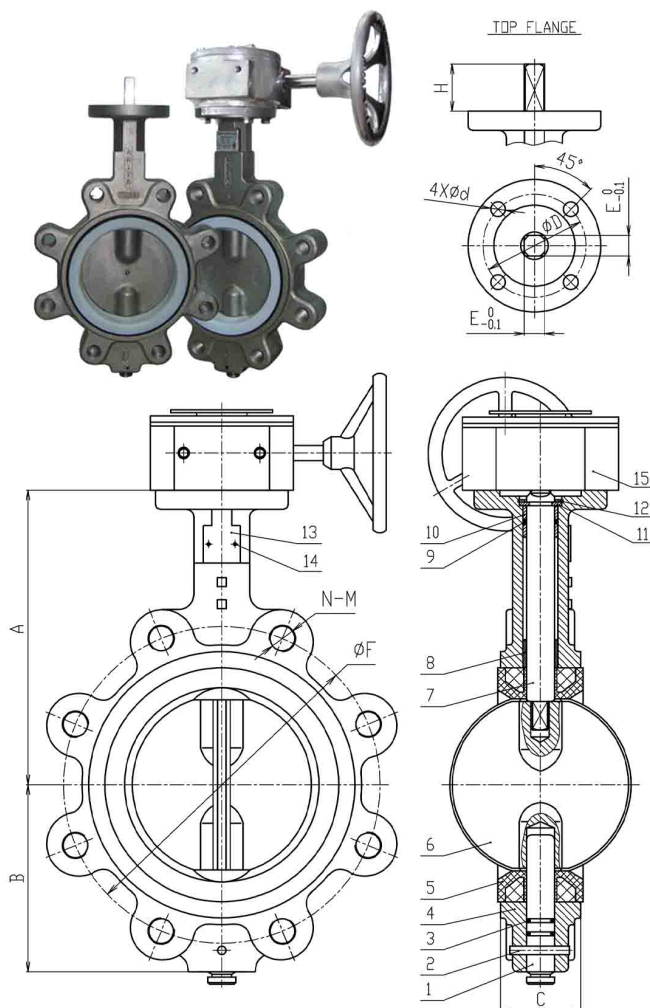
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12	KEEPING RING	SPRING STEEL
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14	PLATE RIVET	ALUMINIUM
15	GEAR BOX	CAST IRON

Dimension in mm

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