

MBW16

WAFER BUTTERFLY VALVE

Technical Specifications

Specification	Description
Body Design	Wafer
Nominal Pressure	16bar
Shell Test Pressure	24bar
Seal Test Pressure	17.6bar
Working Temperature	-10 °C ≤T≤ 100 °C
Working Medium	Water, Oil, Gas
Design Standard	API 609/BS 593/BS 5155
Flange Standard	EN 1092-2 PN16
Inspection & Test	API 598



Materials

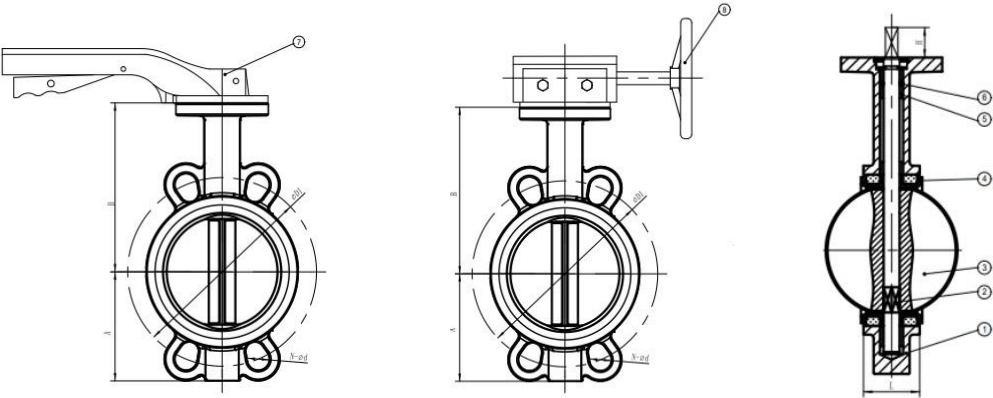
No.	Part	Material
1	Body	Cast Iron* Ductile Iron
2	Stem	SS410* SS420 SS431
3	Disc	Ductile Iron* SS304 SS316 Aluminium Bronze
4	Seat	EPDM
5	Bushing	Polymer
6	O-Ring	EPDM
7	Lever	Aluminium
8	Worm Gear	Ductile Iron
* Standard Material		



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MATE



Dimensions (mm)

DN	L	B	A	S	H	øD1	N-ød
50	42	157	80	9	25	125	4-19
65	45	172	89	9	25	145	4-19
80	45	177	95	9	25	160	8-19
100	52	199	116	11	28	180	8-19
125	55	213	127	14	28	210	8-19
150	55	226	139	14	28	240	8-23
200	60	260	175	17	35	295	12-23
250	66	292	210	22	40	355	12-28
300	77	337	242	22	40	410	12-28
350	78	363	265	22	40	470	16-26
400	86	400	304	27	50	525	16-30
450	103	411	337	27	50	585	20-30
500	127	460	368	32	65	650	20-33
600	154	523	428	36	70	770	20-36
700	165	595	510	46	70	840	24-36
800	190	662	580	46	80	950	24-39