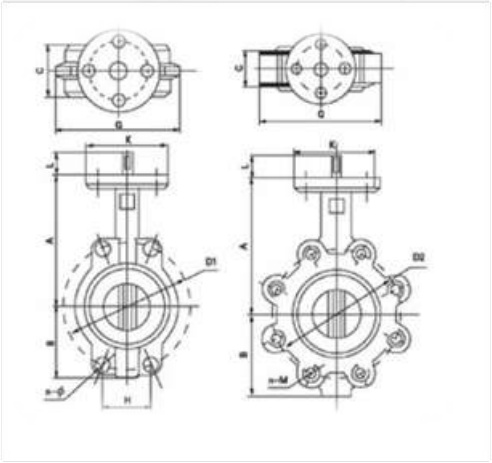
IMACOM
FORNITURE INDUSTRIALI

BUTTERFLY VALVE WAFER TYPE WITH LEVER



DESCRIPTION

1.Suitabletemperature: BUNA-N(NBR) < 80°C
EPDM < 120°C
VITON< 150°C

2. Suitable Media: Fresh Water, Sewage, Sea Water, Ait, Vapour, Food, Medicine, Oils, Acids, Alkalis, Salts, etc...

MATERIALS LIST

NO.	PART	MATERIALS	OPTIONAL MATERIALS
1	BODY	CAST IRON	DUCTILE IRON, CARBON STEEL, STAINLESS STEEL
2	SEAT	BUNA-N OR EPDM	NEOPRENE, HYPALON, VITON,
3	DISC	DUCTILE IRON	FOOD GRADE EPDM, PTFE ALUMINUM BRONZE, 316SS,
4	SHAFT	SS410	304SS, STEEL
5	KEY	CARBON STEEL	304, 3016 STAINLESS STEEL,
6	O-RING	BUNA-N	MONEL
7	BUSHING	LUBRICATED BRONZE	NONE
			NONE
			FIBERGLASS BACKED PTFE

DIMENSION (MM)

DN	A	A**	B	B**	C	Type A	TypeLT	K	L	D1*	D2*	n=Æ	n=M* 4-	A/LT(kg) weight
50	161	130	80	70	42	100	121	90	30	120	125	4-18	M1 6 4-	2.9/4
65	175	136	90	78	44	120	138	90	30	1 36.2	145	4-18	M1 6 8 -	3.4/5
80	181	140	95	92	48	127	146	90	30	160	160	8-18	M1 6 8 -	4.6/6
100	200	152	114	106	52	156	206	90	30	185	180	8-18	M1 6 8 -	5.3/7.5
125	213	170	127	121	56	190	234	90	30	215	210	8-18	M1 6 8 -	7.5/9
150	226	186	139	140	56	212	262	90	30	238	240	8-23	M20	9.6/11
200	260	2020	175	170	60	268	313	90	32	295	295	8-23 12-23	8 -M20 1 2-M20 1 2-M20 1	15.5/16.5
250	292	250	203	197	68	325	394	125	32	357	350 355	12-26	2-M24 12-M20	23.5/27
300	337	293	242	233	78	403	468	125	32	407	400 410	12-26	12-M24 16-M24	35/38.5
350	370		270		78	430	515	150	45	467	460 470	16-26	16-M20 16-M24	42.5/72
400	400		300		86	485	580	175	51	515 525	515 525	16-30	16-M27 20-M24	52/90
450	422		320		105	537	627	175	51	565 585	565 585	20-26 20-30	20-M27 20-M24	87/111
500	480		360		130	592	696	197	64	620 650	620 650	20-26 20-33	20-M30 20-M27	98/126
600	562		420		151	706	821	197	70	725 770	725 770	20-30 20-36	20-M33	133/178

1. The asterisks identify the dimensions of the valves of different pressure grade PN10/PN16. The flanges of the butterfly valves accommodate all type of operations; manual, worm&gear, electric, hydraulic and pneumatic actuators.
2. Both TypeA and TypeLT valve have the same construction and performances and are made of the same materials. The major difference between them is that the Lt type can be joined between two pipes using ordinary hexagon-headed bolts or mounted on the pipe end.
3. A**B** short valve neck
4. The flanges can be as per DIN2501 PN10/PN16, Bs4504 PN10/PN16, Bs10 TABLE E, ANSI B16.1, JIS 10K

IMACOM
FORNITURE INDUSTRIALI

BUTTERFLY VALVE LUG TYPE WITH LEVER

DESCRIPTION

1.Suitabletemperature: BUNA-N(NBR) < 80°C
EPDM < 120°C
VITON< 150°C

2. Suitable Media: Fresh Water, Sewage, Sea Water, Ait, Vapour, Food, Medicine, Oils, Acids, Alkalis, Salts, etc...

MATERIALS LIST

NO.	PART	MATERIALS	OPTIONAL MATERIALS DUCTILE
1	BODY	CAST IRON	IRON, CARBON STEEL, STAINLESS STEEL
2	SEAT	BUNA-N OR EPDM	NEOPRENE, HYPALON, VITON, FOOD GRADE EPDM, PTFE
3	DISC	DUCTILE IRON	ALUMINUM BRONZE, 316SS, 304SS, STEEL
4	SHAFT	SS410	304, 3016 STAINLESS STEEL, MONEL
5	KEY	CARBON STEEL	NONE
6	O-RING	BUNA-N	NONE
7	BUSHING	LUBRICATED BRONZE	FIBERGLASS BACKED PTFE

DIMENSION (MM)

DN	A	A**	B	B**	C	Type A	TypeLT	K	L	D1*	D2*	n=Æ	n=M* 4-	A/LT(kg) weight
50	161	130	80	70	42	100	121	90	30	120	125	4-18	M1 6 4-	2.9/4
65	175	136	90	78	44	120	138	90	30	1 36.2	145	4-18	M1 6 8 -	3.4/5
80	181	140	95	92	48	127	146	90	30	160	160	8-18	M1 6 8 -	4.6/6
100	200	152	114	106	52	156	206	90	30	185	180	8-18	M1 6 8 -	5.3/7.5
125	213	170	127	121	56	190	234	90	30	215	210	8-18	M1 6 8 -	7.5/9
150	226	186	139	140	56	212	262	90	30	238	240	8-23	M20	9.6/11
200	260	2020	175	170	60	268	313	90	32	295	295	8-23 1 2-23	8 -M20 1 2-M20 1 2-M20 1	15.5/16.5
250	292	250	203	197	68	325	394	125	32	357	350 355	1 2-26	2-M24 1 2-M20	23.5/27
300	337	293	242	233	78	403	468	125	32	407	400 410	1 2-26	1 2-M24 1 6-M24	35/38.5
350	370		270		78	430	515	150	45	467	460 470	1 6-26	1 6-M20 1 6-M24	42.5/72
400	400		300		86	485	580	175	51	515 525	515 525	1 6-30	1 6-M27 2 0-M2 4	52/90
450	422		320		105	537	627	175	51	565 585	565 585	2 0-2 6 2 0-30	2 0-M2 7 2 0-M2 4	87/111
500	480		360		130	592	696	197	64	620 650	620 650	2 0-2 6 2 0-33	2 0-M30 2 0-M2 7	98/1 26
600	562		420		151	706	821	197	70	725 770	725 770	2 0-30 2 0-36	2 0-M33	1 33/1 7 8

1. The asterisks identify the dimensions of the valves of different pressure grade PN10/PN16. The flanges of the butterfly valves accommodate all type of operations; manual, worm&gear, electric, hydraulic and pneumatic actuators.
2. Both TypeA and TypeLT valve have the same construction and performances and are made of the same materials. The major difference between them is that the Lt type can be joined between two pipes using ordinary hexagon-headed bolts or mounted on the pipe end.
3. A**B** short valve neck
4. The flanges can be as per DIN2501 PN10/PN16, Bs4504 PN10/PN16, Bs10 TABLE E, ANSI B16.1, JIS 10K

BUTTERFLY VALVE FLANGED

DESCRIPTION

1. DesignAccording To: BS 5155 2. Inspection & Test DIN 3230 Part 3 3 . Normal Pressure : 1.6 Mpa 4 . Face To Face: DIN3202 F16 (EN558-1 Series13)

MATERIALS LIST

NO.	PART	MATERIAL
1	BODY	GGG40
2	STEM	SS416
3	DISC	GGG40/SS304/SS316/AL.BRONZE (C95400)
4	GEAR BOX	CAST IRON / DUCTILE IRON
5	SEAT	EPDM
6	B USHI NG	P.T.F.E
7	O-RING	EPDM

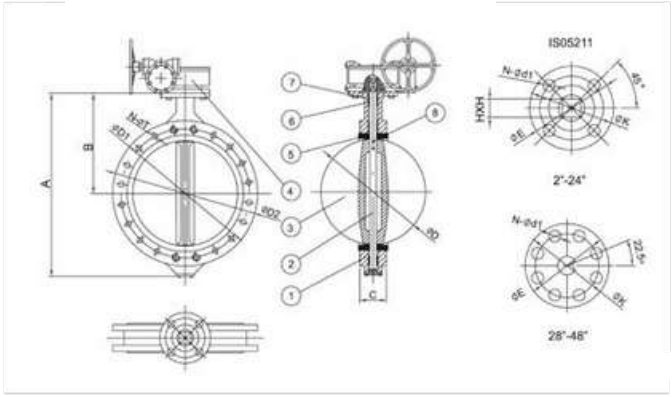
DIMENSION (MM)

DN	F 1	F 2	F 3	C	D	n-d	H1	K	E	Z-M	L	HXH
50	59	95	105	108	125	4-19	175	90	70	4-10	30	11X11
65	69.8	114	122	112	145	4-19	190	90	70	4-10	30	11X11
80	86.4	128	138	114	160	4-19	214	90	70	4-10	30	11X11
100	116	150	160	127	180	4-19	226	90	70	4-10	30	11X11
125	133	178	186	140	210	8-19	264	90	70	4-10	30	1 4X1 4
150	165	200	216	140	240	8-23	319	90	70	4-10	30	1 4X1 4
200	212	262	272	152	295	1 2-23	385	125	102	4-12	40	17X17
250	262	310	320	165	355	1 2-28	448 .5	125	102	4-12	40	22X22
300	313	364	376	178	410	1 2-28	518	140	102	4-12	40	22X22
350	344	415	429	190	470	1 6-28	564	140	102	4-12	45	22X22
400	400	460	480	216	525	1 6-31	622	197	140	4-18	70	27 X27
450	452	510	530	222	585	2 0-31	695	197	140	4-18	70	27 X27
500	5 03. 6	560	582	229	650	2 0-34	778	197	140	4-18	80	36X 36
600	604	660	682	267	770	2 0-37	890	276	165	4-23	80	36X 36
700	706	770	794	292	840	2 4-37	1050	300	254	8-18	80	/
800	8 06.6	871	901	318	950	2 4-40	1180	300	254	8-18	80	/
900	877	972	1001	330	1050	28 -40	1 240.5	300	254	8-18	118	/
1000	977	1080	1112	410	1170	28 -43	1398	300	254	8-18	142	/
1200	1 1 56.1	1270	/	470	1390	32 - 48	/	350	254	8-22	142	/

BUTTERFLY VALVE U-SECTION

DESCRIPTION

1. DesignAccording To: BS 5155
2. Inspection & Test DIN 3230 Part 3
3. Normal Pressure : 1.6 Mpa
4. Face To Face: DIN3202 K1
   (EN558-1 Series20)



MATERIALS LIST

NO.	PART	MATERIAL
1	BODY	GGG40 41 6S S G G G 40/31
2	STEM	6/304/AL .B R O NZ E E PD
3	DISC	M/NB R LUBRIFICANT BRONZE
4	BODY SEAT	EPDM CARBON STEEL CAST
5	BUSHING	IRON
6	O-RING	STEEL
7	INDICATOR	STEEL
8	LEVER	STEEL
9	HALF-WASHER	
10	WASHER	
11	CIRCLIP	
1		

DIMENSION (MM)

DN	A	B	C	D	D1	D2	E	K	N-fT	N-fd1	bxb
2"	220	140	42	52.7	125	165	90	70	4-19	4-10	11X11
2.5"	242	152	44.7	64.4	145	185	90	70	4-19	4-10	11X11
3"	246	159	45.2	78.8	160	200	90	70	8-19	4-10	11X11
4"	284	178	52.1	104	180	220	90	70	8-19	4-10	11X11
5"	314	191	54.4	123.3	210	250	90	70	8-19	4-10	14X14
6"	324	204	55.8	155.6	240	285	90	70	8-23	4-10	14X14
8"	390	238	60.6	202.5	295	340	125	102	12-23	4-12	17X17
10"	473	270	65.6	250.5	355	405	125	102	8-27	4-12	22X22
12"	557	315	76.9	301.5	410	460	140	102	8-27	4-12	22X22
14"	635	368	76.5	333.3	470	520	140	102	12-27	4-12	22X22
16"	709	400	86.5	389.6	525	580	197	140	16-31	4-18	27X27
18"	750	422	103.5	440.5	585	640	197	140	20-31	4-18	27X27
20"	641	480	129.5	491.6	650	715	197	140	20-34	4-18	36X36
24"	1021	562	152	592.5	770	840	276	165	20-37	4-22	/
28"	1144	624	163		840	895	300	254	24-37	8-18	/
30"	1199	660	167	695	950	984	300	254	24-40	8-18	/
32"	1263	672	188	745	950	1025	300	254	24-40	8-18	/
36"	1376	720	203	794.5	1050	1115	300	254	28-40	8-18	/
40"	1521	800	216	846.7	1170	1230	300	254	28-43	8-18	/
48"	1805	864	276	965	1390	1511	350	295	32-49	8-22	/
				1160.6							

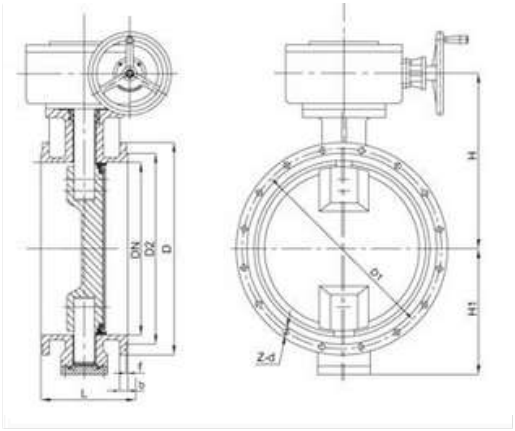
BUTTERFLY VALVE DOUBLE ECCENTRIC

DESCRIPTION

1. Design: BS5155, BSEN593
2. Face To Face: ISO5752 14 (BSEN558-1 SERIES 13)
   DIN3202 F4 (EN558-1 Series14)
   *Face to face can be other options
3. Testing: Bs6755

MATERIALS LIST

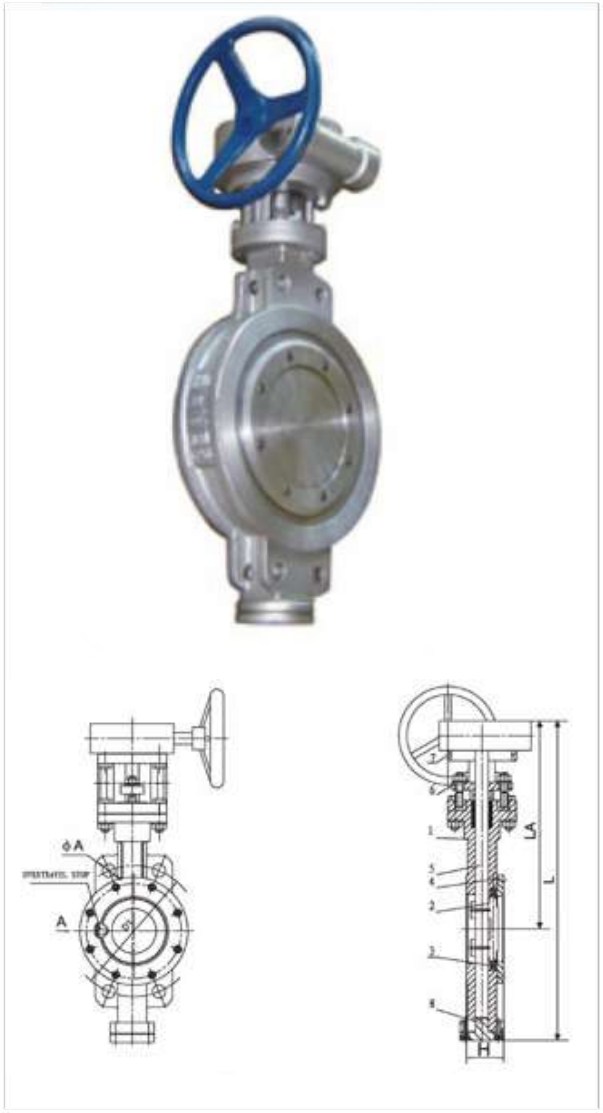
NO.	PART	MATERIAL
1	GEAR BOX	GG20 (GGG40)
2	STEM	SS GGG40
3	BODY SEAT	GGG40 CARBON
4	DISC	STEEL GGG40 OR
5	BOLTS	SS NBR/EPDM
6	R ESTAI NER	
7	RUBBER SEAT	



DIMENSION (MM)

DN	PN (Mpa)	L		D	D1	D2	Z-d	b	f	H1	H	Do	Kg
100	1.6	190	12	220	180	156	8-23	19	3	210	295	320	62
150	1.6	210	7	285	240	211	8-23	19	3	210	295	320	88
200	1.6	230	14	340	295	266	1 2-23	20	3	210	295	320	104
250	1.6	250	0	405	355	319	1 2-28	22	3	235	330	320	136
300	1.6	270	15	460	410	370	1 2-28	24.5	4	284	349	300	150
350	1.6	290	2	520	470	429	1 6-28	26.5	4	319	390	360	199
400	1.6	310	16	580	525	480	1 6-31	28	4	345	415	360	271
450	1.6	330	5	640	585	548	2 0-31	30	4	383	519	360	298
500	1.6	350	17	715	650	609	2 0-34	31.5	4	420	489	360	410
600	1.6	390	8	840	770	720	2 0-37	36	5	476	563	450	549
700	1.6	430	19	910	840	794	2 4-37	39.5	5	550	630	360	780
750	1.6	470	0	975	900	844	2 4-36	43	5	580	665	360	938
800	1.6	470	21	1025	950	901	2 4-40	43	5	600	678	450	1045
900	1.6	510	6	1125	1050	1001	28 -40	46.5	5	665	838	500	1222
1000	1.6	550	22	1255	1170	1112	28 -43	50	5	775	960	500	1905
1100	1.6	630	2	1355	1280	12818	32 - 43	53.5	5	860	1077	500	2146
1200	1.6	630	22	1485	1390	1328	32 - 49	57	5	910	1127	500	2408
1400	1.6	710	9	1685	1590	1530	36-49	60	5	985	1146	600	3510
1600	1.6	790	26	1930	1820	1750	40-56	65	5	1190	1559	600	7200
1800	1.6	870	7	2130	2020	1950	44-56	70	5	1420	1975	600	9980
2000	1.6	950	29	2345	2230	2150	48 -62	75	5	1615	2085	600	1 37 53
			2										
			31										
			8										
			31										
			8										
			33										

BUTTERFLY VALVE "HIGH PERFORMANCE"



MATERIALS LIST

NO.	PART	MATERIAL
1	BODY	WCB.CF8.CF8M.CF3M
2	DISC	WCB.CF8.CF8M.CF3M
3	SEAT	PTFE.SS304.SS316
4	COVER IN THE SIDE	CF8M
5	STEM	SS416.SS304.SS316.SS316
6	GLAND	L CF8M CF8M CF8M
7	YOKE	
8	COVER IN THE END	

DIMENSION (MM)

DN	L	LA	H	D1	Q-M	fA
50	245	162	43	125	4-M1 6	18
65	280	169	46	145	4-M1 6	18
80	300	185	46	160	8 -M1 6	18
100	320	192	52	180	8 -M1 6	18
125	345	200	556	210	8 -M1 6	18
150	385	230	56	240	8 -M20	23
200	471	297	60	295	1 2-M20	23
250	533	327	68	355	1 2-M24	27
300	606	364	78	410	1 2-M24	27