



Model : TT , L-TT

(CAST IRON)

: TT-PT , L-TT-PT
(DUCTILE , CARBON STEEL)

: TT-8M , L-TT-8M
(SS304 , SS316)

BUTTERFLY VALVE

Wafer Type and Lug Type

Cast Iron , Stainless steel

Materials

NO.	Name	Material	Specification				Remark
			ASTM	DN	EN	JIS	
1	Body	Cast Iron	ASTM A126B	GG25	EN-GJS-250	FC200	
		Ductile Iron	ASTM A536	GGG40	EN-GJS-400	FCD450	
		Carbon Steel	A216 WCB	GS-C25	GP240 GH+N	SCPH2	
2	Disc	<u>Stainless Steel</u>	A351 CF8M	1.4408	BS970 304 S15	SCS14	PTFE or Nylon Coated Disc are all available
			A351 CF8	1.4301	BS970 316 S15	SCS13	
		Plated Ductile Iron	ASTM A536	GGG40	EN-GJS-400	FCD450	
		Aluminum Beonze	B148-954	C954	EN1932 CC491K	ABLC2	
		<u>Stainless Steel</u>	A351 CF8M	1.4408	BS970 304 S15	SCS14	
3	Stem	Carbon Steel	A351 CF	1.4301	BS970 316 S15	SCS13	
		Carbon Steel	A216 WCB	GS-C25	GP240 GH+N	SCPH2	
		Carbon Steel	A216 WCB	GS-C25	GP240 GH+N	SCPH 2	
		<u>Stainless Steel</u>	A493-410	1.4201	BS970 410-S21	SUS410	
			A276-304	1.4301	BS970 304 S15	SCS13	
4	Seat		A276-316	1.4408	BS970 316 S15	SCS14	-20°C - 80°C -25°C - 100°C -25°C - 130°C -25°C - 110°C -30°C - 120°C -20°C - 200°C -30°C - 70°C -20°C - 150°C -60°C - 250°C
			A276-316L	1.4401	BS970 316L	SCS14A	
		NBR (NITRILE)					
		EPDM					
		HEAT RESISTANT EPDM					
5	PIN	NEOPRENE (CR)					
		HYPALON (CSM)					
		VITON (FKM)					
		NATURAL RUBBER (NR)					
		PTFE					
6	Bushing	SILICON (Q)					
		<u>Stainless Steel</u>	A182 F6A	1.4201	BS970 410-S21	SUS410	
			A182 F304	1.4301	BS970 304 S15	SCS13	
			A182 F316	1.4408	BS970 316 S15	SCS14	
		PTFE					
7	O-Ring	Bronze	B62			BC62	-20°C - 80°C -25°C - 110°C -20°C - 200°C
		NBR					
		EPDM					
		VITON					

Technical Data

DN Nominal		2" - 40"	2"-32"	mm (inch)
PN Nominal Pressure		1.0	1.6	Mpa
Testing Pressure	Shell	1.5	2.4	
	Sealing	1.1	1.76	
Working Temperature		-15 + 150		
Suitable Mediums		Fresh water, Sewaga, Sea water, Air, Vapour, Food,Medicine, oils,Acids,Alikalis,Salt, etc.		
Operation methods		handle, electric, peneaualic and liquid-driving		

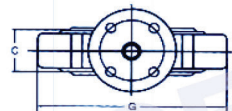
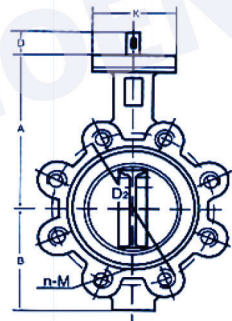
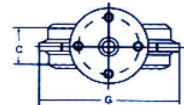
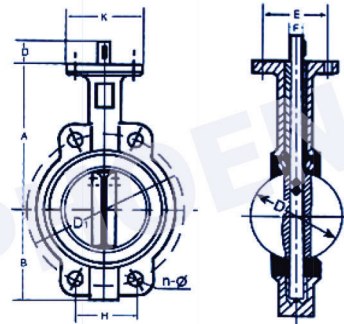
Permitted using temperature for sealing rubber

Rubber code	(NR) natural-p	(JIR) buta-D1	(NBH) buta-D	(CR) chlo-L	(EPDM) levu-Y	(SI) Silicon-G	(FIPM) fluorine-F	chla-alcohol		F4
								F1	F2	
high-temperature resistance	70	100	100	100	120	250	230	100	100	200
low temperature resistance	-50	-40	-20	-40	-40	-100	-10	-30	-30	-30

Dimension

mm

Size	A	B	C	D	E	F	K
50	161	80	43	32	57.15	12.6	77
65	175	89	46	32	57.15	12.6	77
80	188	95	46	32	57.15	12.6	77
100	200	114	52	32	69.85	15.77	92
125	213	127	56	32	69.85	18.92	92
150	226	139	56	32	69.85	18.92	92
200	260	175	60	45	88.9	22.10	115
250	292	203	68	45	88.9	28.45	115
300	337	242	78	45	107.95	31.60	140
350	368	267	78	45	107.95	31.60	140
400	400	298	102	51.2	158.75	33.15	197
450	422	318	114	51.2	158.75	38.00	197
500	480	349	127	64.2	185.75	41.15	197
600	562	440	154	70.2	215.9	50.65	276
700	624	520	163	66	254	55.00	300
800	672	591	188	66	254	55.00	300



Weight (kg)

mm

Size	Wafer	Lug	Size	Wafer	Lug
50 (2")	2.5	3.8	300 (12")	32.5	40
65 (2.5")	3.2	4.2	350 (14")	41.3	56
80 (3")	3.6	4.7	400 (16")	61	90
100 (4")	4.9	9.0	450 (18")	87	111
125 (5")	7	10.9	500 (20")	98	123
150 (6")	7.8	14.2	600 (24")	133	178
200 (8")	13.2	18.2	700 (28")	187	
250 (10")	19.2	26.8	800 (32")	387	

Flange drilling is available on request such as :

GB9112-8B, DIN2501, BS4504, ISO2084, ISO2531,
BS10-E, ANSI125/150, ASA125/150, AS129 Table D/E