

PTFE SEATED BUTTERFLY VALVE WAFER / LUG

VARIMEX valves[®]
CO. LTD.

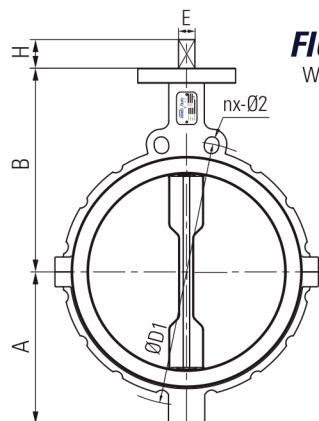


FIG V108
Wafer Type

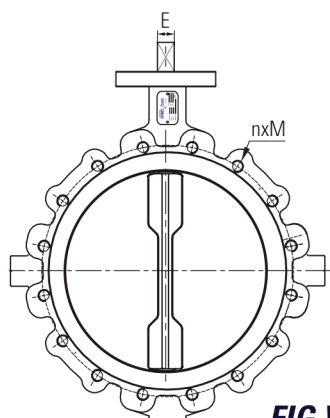
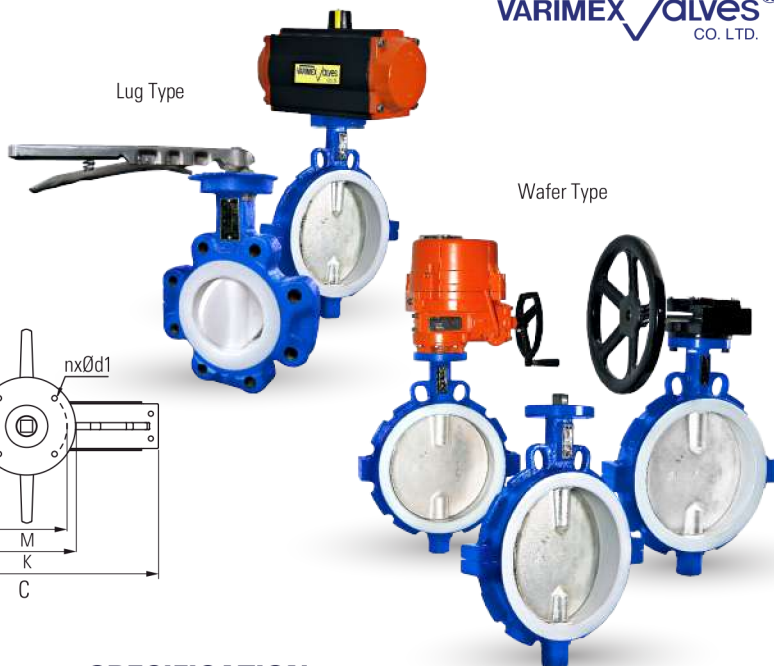
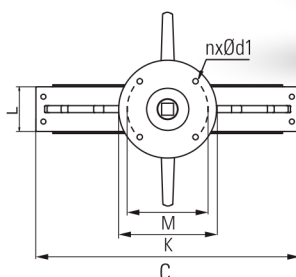


FIG V109
Lug Type



SPECIFICATION

Face To Face Dimension
Standard Compliance
End Connection

Pressure Rating

Temperature (Seat)

Top Flange Dimensions
Actuation

Optional

BS EN 558-1 and API 609
Conform to BS EN 593 and API 609
Wafer type to suit DIN, BS, ANSI
and JIS flanges
16 Bar for DN50 to DN600
10 Bar for DN700 to DN1200 (optional 16 Bar)
-10°C to 80°C NBR, 15°C to 120°C EPDM
-10°C to 150°C Viton, 45°C to 180°C PTFE
ISO 5211
Lever operated for DN50 to DN200
(Gear operated on request)
Gear operated for DN250 & above
Pneumatic or electric actuated

APPLICATION

Suitable for water, steam, oil, gases and non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

MATERIAL

Parts	Material
1 Body	GG25 Cast Iron
	GGG40 Ductile Iron
	AISI 304 Stainless Steel
	AISI 316 Stainless Steel
2 Disc	AISI 316 Stainless Steel
	AISI 304 + PTFE Lined
3 Seat	PTFE + EPDM (-30°C ~ +120°C)
	FULLY PTFE (-30°C ~ +180°C)
4/5/6 Bushing	PTFE
7 Upper Stem	AISI 316 Stainless Steel
8 Lower Stem	AISI 316 Stainless Steel
10 O-Ring	NBR
11 Disc Spring	Stainless Steel
12 Bolt	Stainless Steel

DIMENSIONS

Unit : mm

Size (DN)	PN10		PN16		4-ØD1	A	B	C	H	L	E	K	M
	ØD1	nxM	ØD1	nxM									
50	125	4xM16	125	4xM16	7	77	135	130	16	43	9	77	50
65	145	4xM16	145	4xM16	7	91	138	150	16	46	9	77	50
80	160	8xM16	160	8xM16	7	95	138	164	16	52	9	77	50
100	180	8xM16	180	8xM16	10	121	149	188	19	56	11	92	70
125	210	8xM16	210	8xM16	10	125	173	220	25	56	14	92	70
150	240	8xM20	240	8xM20	10	150	187	252	25	60	14	92	70
200	295	8xM20	295	12xM20	12	182	225	305	30	68	17	115	102
250	350	12xM20	355	12xM24	12	226	247	370	39	78	22	115	102
300	400	16xM20	410	12xM24	12	260	285	430	39	56	22	140	125
350	460	16xM20	470	16xM24	12	275	335	470	45	60	36	140	125
400	515	16xM24	525	16xM27	12	305	410	565	51	68	36	197	140
450	565	20xM24	585	20xM27	12	338	440	620	51	68	36	197	140
500	620	20xM24	650	20xM30	12	375	495	695	57	78	36	197	140

*Specification given are subject to changed without further notice.