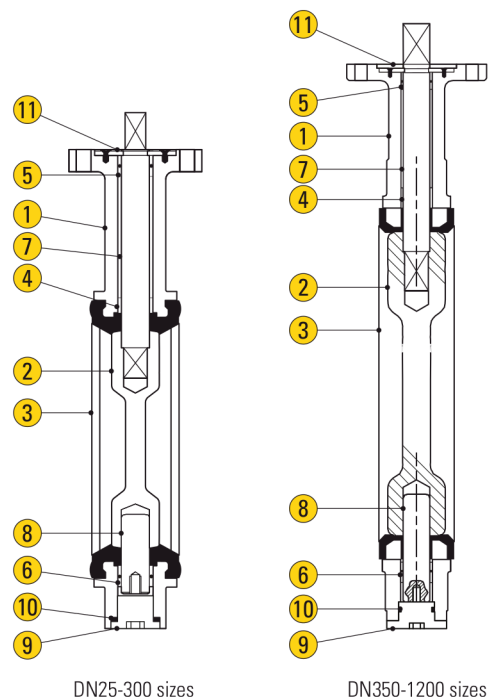


SOFT SEAT BUTTERFLY VALVE WAFER / LUG



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VARIMEX valves[®]
CO. LTD.



APPLICATION

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

SPECIFICATION

Face To Face Dimension	BS EN 558-1 and API 609
Standard Compliance	Conform to BS EN 593 and API 609
End Connection	Wafer type to suit DIN, BS, ANSI and JIS flanges
Pressure Rating	16 Bar for DN50 to DN600 10 Bar for DN700 to DN1200 (optional 16 Bar)
Temperature (Seat)	-10°C to 80°C NBR, 15°C to 120°C EPDM -10°C to 150°C Viton, 45°C to 180°C PTFE
Top Flange Dimensions	ISO 5211
Actuation	Lever operated for DN50 to DN200 (Gear operated on request) Gear operated for DN250 & above Pneumatic or electric actuated
Optional	

MATERIAL

Parts	Available Material
1 Body	GG25 Cast Iron
	GGG40 Ductile Iron
	AISI 304 Stainless Steel
	AISI 316 Stainless Steel
2 Disc	AISI 304 Stainless Steel
	AISI 316 Stainless Steel
	Aluminium Bronze
	PFA Coated AISI 304
3 Seat	EPDM (-30°C ~ +120°C)
	NBR (-20° C ~ +110°C)
	NEOPRENE (-20°C ~ +110°C)
	PTFE + EPDM (-30°C ~ +120°C)
4/5/6 Bushing	PTFE
7 Upper Stem	AISI 420 Stainless Steel
	AISI 316 Stainless Steel
8 Lower Stem	AISI 420 Stainless Steel
	AISI 316 Stainless Steel
9 Cap	Carbon Steel
10 O-Ring	NBR / Copper
11 Stopper Plate	Carbon Steel

*Specification given are subject to changed without further notice.

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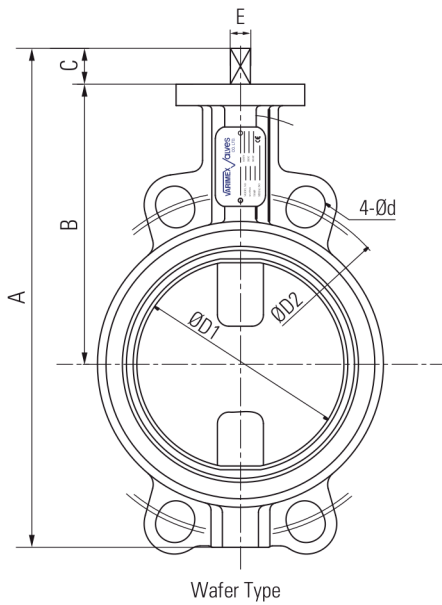
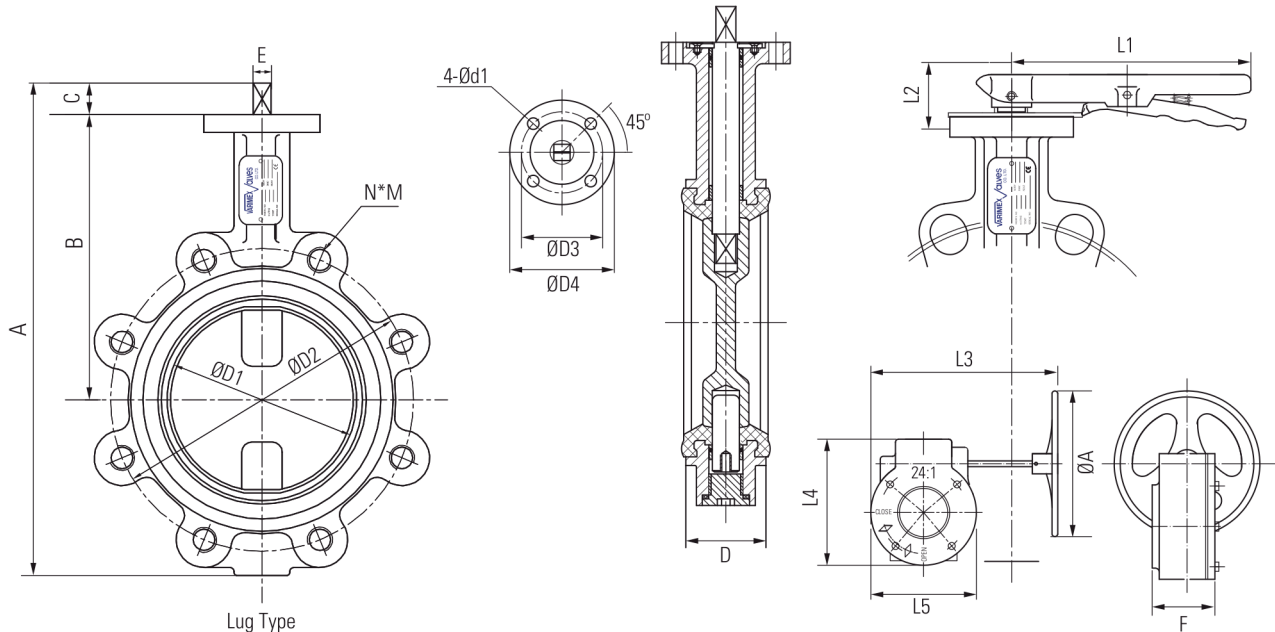


FIG V102
Lug type

FIG V101
Wafer type



DIMENSIONS

Unit : mm

Size (DN)	ØD1	ØD2	ØD3	ØD4	4-Ød	4-Ød1	A	B	C	D	E	L1	L2	L3	L4	L5	ØA	F	Weight(Kg)		
																			Free Shaft	Lever Op.	Gear Op.
25/32	31.5	85	42	55	18	6	145	92	12	33	9	100	28	245	125	105	152	68	1.0	1.3	6.2
40	38	110	42	55	18	6	155	98	12	33	9	100	28	245	125	105	152	68	1.0	1.3	6.2
50	50.8	125	50	65	18	7	205	126	16	43	9	180	28	245	125	105	152	68	2.1	1.3	7.3
65	65.1	145	50	65	18	7	218	133	16	46	9	180	28	245	125	105	152	68	2.5	2.8	7.7
80	78.5	160	50	65	18	7	244	150	16	46	9	180	28	245	125	105	152	68	3.0	3.3	8.2
100	102.0	180	70	90	18	10	295	170	19	52	11	284	28	245	125	105	152	68	4.8	5.2	10.0
125	125.1	210	70	90	18	10	321	181	25	56	14	284	28	245	125	105	152	68	6.6	7.0	11.8
150	150.1	240	70	90	22	10	349	196	25	56	14	284	28	245	125	105	152	68	7.5	7.9	12.7
200	199.8	295	102	125	22	12	428	238	30	60	17	350	38	400	185	153	300	85	13.8	14.9	26.1
250	248.3	355	102	125	26	12	487	258	39	68	22	350	38	400	185	153	300	85	21.2	22.3	33.5
300	298.3	410	102	125	26	12	574	300	39	78	22	350	38	400	185	153	300	85	31.5	42.6	45.9

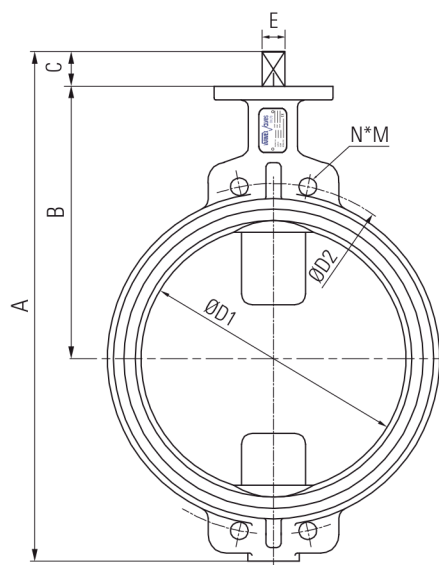
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BUTTERFLY VALVE WAFER / LUG

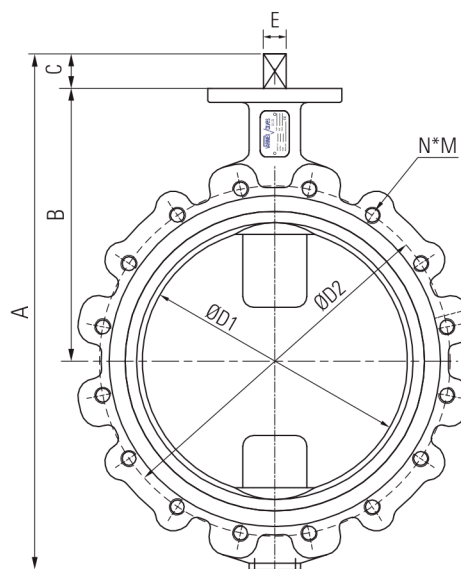
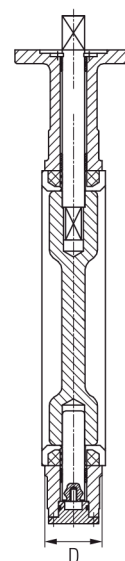


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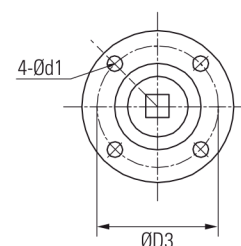
VARIMEX / **alves**[®]
CO. LTD.



Wafer Type



Lug Type



DIMENSIONS

Unit : mm

Size (DN)	ØD1	ØD3	ØD4	PN10		PN16		4-ød1	A	B	C	D	E	ØD3	Weight(Kg)			
				ØD2	nxM	ØD2	nxM								Wafer Type		Lug Type	
															Free Shaft	Gear Op.	Free Shaft	Gear Op.
350	333	102	125	460	16xM20	470	16xM24	12	680	358	45	78	36	F12	41.3	55.7	69.0	83.5
400	340	140	175	515	16xM24	525	16xM27	18	748	400	51	102	36	F14	61.0	93.0	90.0	125.0
450	440	140	175	565	20xM24	585	20xM27	18	788	422	51	114	36	F14	79.0	111.0	119.0	151.0
500	490	140	175	620	20xM24	650	20xM30	18	885	480	57	127	36	F14	128.0	162.5	179.0	213.5
600	593.0	165	210	725	20xM27	770	20xM33	23	1086	562	70	154	46	F16	188.0	236.0	253.0	301.0

* For larger size up to DN1200 also available on request

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