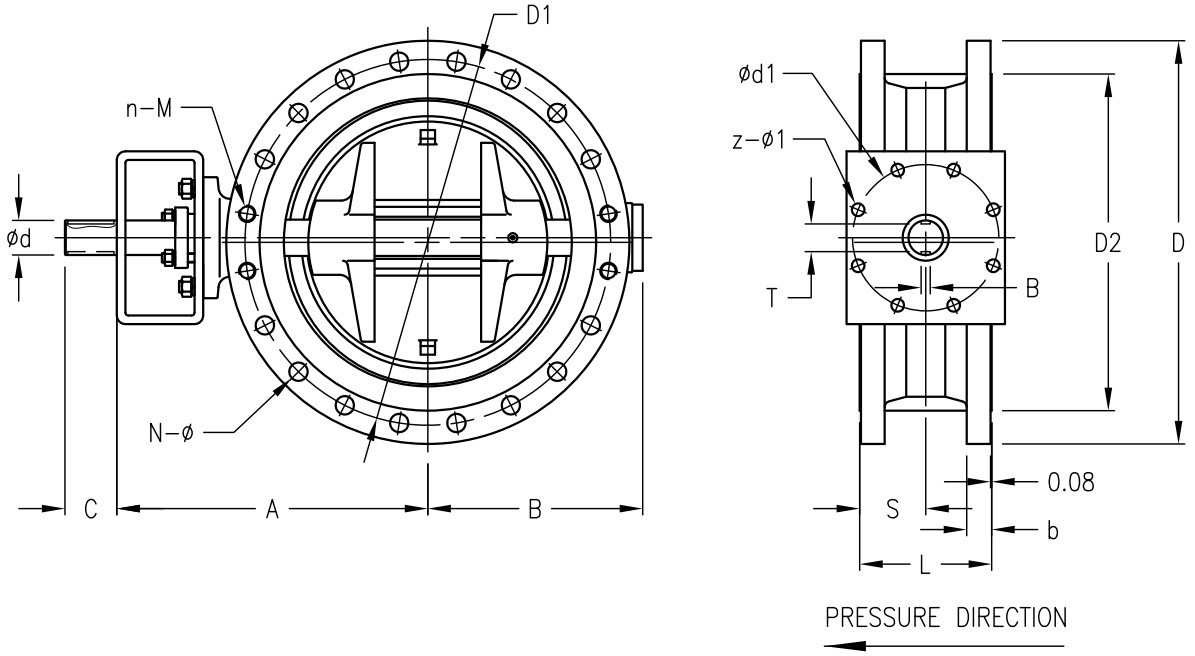
PDC
Process Development & Control LLC

DIMENSIONAL DRAWING
TIGHT SHUT-OFF VALVE / SERIES 68
BARE SHAFT
DOUBLE FLANGED ENDS / RATING CLASS 150

SERIES 68



L = FACE TO FACE
FLANGE CONNECTION ACC. TO ASME B16.5 FOR ≤ DN600 AND > DN600 ACC. TO ASME B16.47 SER. B
N-ø = NUMBER OF FLANGE HOLES & DIAMETER OF FLANGE HOLES
n-M = NUMBER OF FLANGE THREAD HOLES & DIAMETER OF FLANGE THREAD HOLES
FURTHER DESIGN ON REQUEST

METRIC DIMENSIONS AND WEIGHTS

DIMENSIONS IN MILLIMETERS EXCEPT M																	WEIGHT
DN	L	S	D	D1	D2	b	N-ø	n-M	A	B	C	ød	ød1	z-ø1	B	T	(KG)
80	114	57	190	152.4	127	24.3	4-ø19.1	--	195	95	40	17	70	4-ø10	5	14	20.6
100	127	63.5	230	190.5	157.2	24.3	8-ø19.1	--	202	115	40	19	70	4-ø10	6	15.5	31
125	140	70	255	215.9	185.7	24.3	8-ø22.2	--	258	138	40	25	102	4-ø12	8	21	38
150	140	70	280	241.3	215.9	25.9	8-ø22.2	--	270	147	60	25	102	4-ø12	8	21	48
200	152	76	345	298.5	269.9	29	8-ø22.2	--	305	185	60	28.8	125	4-ø14	8	24.8	73
250	165	82.5	405	362	323.8	30.6	8-ø25.4	4-7/8"	355	215	60	36	140	4-ø18	10	31	98.4
300	178	89	485	431.8	381	32.2	8-ø25.4	4-7/8"	395	252	60	36	140	4-ø18	10	31	142
350	190	95	535	476.3	412.8	35.4	8-ø28.6	4-1"	445	287	80	45	165	4-ø22	14	39.5	192
400	216	108	595	539.8	469.9	37	12-ø28.6	4-1"	490	317	90	50	254	8-ø18	14	44.5	236
450	222	111	635	577.9	533.4	40.1	12-ø31.8	4-1 1/8"	507	342	90	50	254	8-ø18	14	44.5	290
500	229	114.5	700	635	584.2	43.3	16-ø31.8	4-1 1/8"	535	372	90	55	254	8-ø18	16	49	358
600	267	133.5	815	749.3	692.2	48.1	16-ø35	4-1 1/4"	605	439	90	60	254	8-ø18	18	53	480
700	292	146	835	795.3	762	45.0	40-ø22.2	--	680	536	120	70	298	8-ø22	20	62.5	647
750	318	159	885	846.1	813	45.0	44-ø22.2	--	705	560	120	80	298	8-ø22	2-22	62	868
800	318	159	940	900.1	864	46.6	48-ø22.2	--	720	555	120	80	298	8-ø22	2-22	62	990
900	330	165	1055	1009.6	972	52.9	44-ø25.4	--	790	645	120	90	298	8-ø22	2-22	72	1280
1000	409	205	1175	1120.8	1080	56.1	44-ø28.6	--	925	730	150	110	356	8-ø33	2-25	92	1410
1100	470	235	1275	1222.4	1181	60.9	52-ø28.6	--	965	775	150	110	356	8-ø33	2-25	92	1730
1200	470	235	1390	1335.1	1289	65.6	44-ø31.8	--	1018	825	180	120	406	8-ø39	2-28	100	2120

PDC
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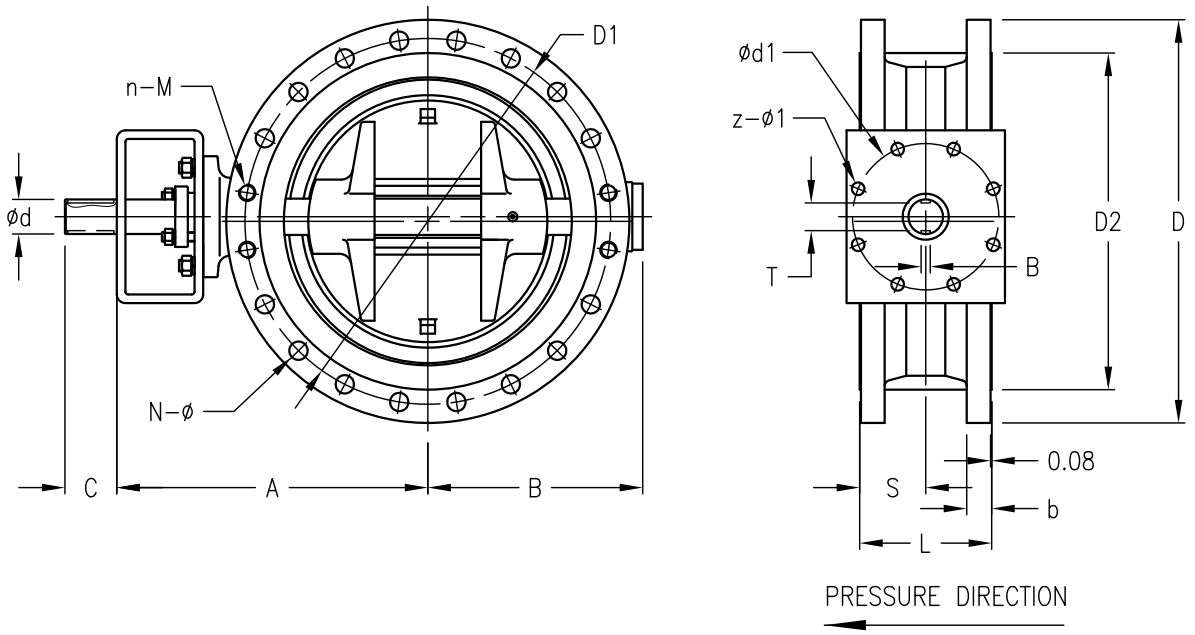
DIMENSIONAL DRAWING
TIGHT SHUT-OFF VALVE / SERIES 68
BARE SHAFT
DOUBLE FLANGED ENDS / RATING CLASS 150

SERIES 68



L = FACE TO FACE
FLANGE CONNECTION ACC. TO ASME B16.5 FOR ≤ 24" AND > 24" ACC. TO ASME B16.47 SER.B
N-ø = NUMBER OF FLANGE HOLES & DIAMETER OF FLANGE HOLES
n-M = NUMBER OF FLANGE THREAD HOLES & DIAMETER OF FLANGE THREAD HOLES
FURTHER DESIGN ON REQUEST

IMPERIAL DIMENSIONS AND WEIGHTS

DIMENSIONS (INCH)																	WEIGHT
NPS	L	S	D	D1	D2	b	N-ø	n-M	A	B	C	ød	ød1	z-ø1	B	T	(LBS)
3"	4.5	2.25	7.5	6	5	0.954	4-¾"	--	7.7	3.8	1.6	0.67	2.75	4-ø0.4	0.20	0.55	46
4"	5	2.5	9	7.5	6.19	0.954	8-¾"	--	8	4.5	1.6	0.75	2.75	4-ø0.4	0.24	0.61	69
5"	5.5	2.75	10	8.5	7.31	0.954	8-⅞"	--	10.2	5.5	1.6	0.99	4	4-ø0.5	0.32	0.83	84
6"	5.5	2.75	11	9.5	8.5	1.02	8-⅞"	--	10.6	5.8	2.4	0.99	4	4-ø0.5	0.32	0.83	106
8"	6	3	13.5	11.75	10.63	1.14	8-⅞"	--	12	7.3	2.4	1.14	4.92	4-ø055	0.32	0.98	161
10"	6.5	3.25	16	14.25	12.75	1.2	8-1"	4-⅞"	14	8.5	2.4	1.42	5.51	4-ø0.71	0.39	1.22	217
12"	7	3.5	19	17	15	1.27	8-1"	4-⅞"	15.6	10	2.4	1.42	5.51	4-ø0.71	0.39	1.22	313
14"	7.5	3.75	21	18.75	16.25	1.39	8-1⅛"	4-1"	17.5	11.3	3.15	1.77	6.5	4-ø0.87	0.55	1.56	424
16"	8.5	4.25	23.5	21.25	18.5	1.46	12-1⅛"	4-1"	19.3	12.5	3.54	1.97	10	8-ø0.71	0.55	1.75	521
18"	8.75	4.375	25	22.75	21	1.58	12-1¼"	4-1⅛"	20	13.5	3.54	1.97	10	8-ø0.71	0.55	1.75	640
20"	9	4.5	27.5	25	23	1.7	16-1¼"	4-1⅛"	21	14.7	3.54	2.17	10	8-ø0.71	0.63	1.93	790
24"	10.5	5.25	32	29.5	27.25	1.89	16-1⅜"	4-1¼"	23.8	17.3	3.54	2.36	10	8-ø0.71	0.71	2.09	1059
28"	11.5	5.75	32.94	31.31	30	1.75	40-⅞"	--	26.8	21.1	4.7	2.76	11.73	8-ø0.87	0.79	2.46	1428
30"	12.5	6.25	34.94	33.31	32	1.75	44-⅞"	--	27.8	22	4.7	3.15	11.73	8-ø0.87	2-0.87	2.44	1915
32"	12.5	6.25	37.06	35.44	34	1.81	48-⅞"	--	28.3	21.9	4.7	3.15	11.73	8-ø0.87	2-0.87	2.44	2245
36"	13	6.5	41.62	39.75	38.25	2.06	44-1"	--	31.1	25.4	4.7	3.54	11.73	8-ø0.87	2-0.87	2.84	2825
40"	16.1	8.05	46.25	44.12	42.5	2.19	44-1⅛"	--	36.4	28.8	5.9	4.33	14	8-ø1.3	2-0.98	3.62	3112
44"	18.5	9.25	50.25	48.12	46.5	2.38	52-1⅛"	--	38	30.5	5.9	4.33	14	8-ø1.3	2-0.98	3.62	3817
48"	18.5	9.25	54.81	52.56	50.75	2.56	44-1¼"	--	40	32.5	7.1	4.72	16	8-ø1.54	2-1.1	3.94	4678

PDC
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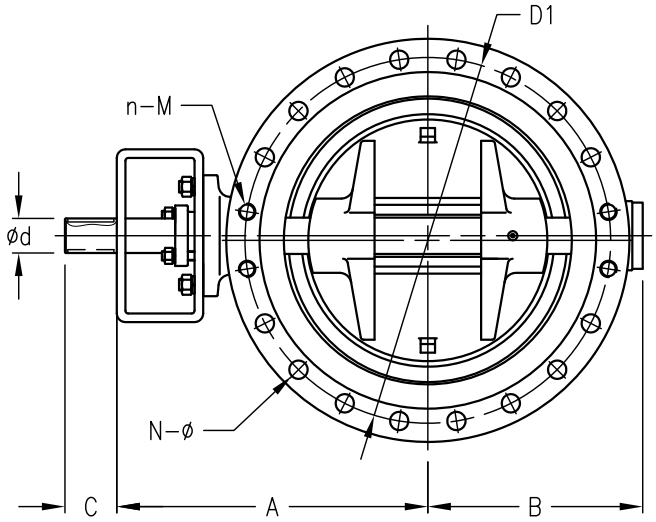
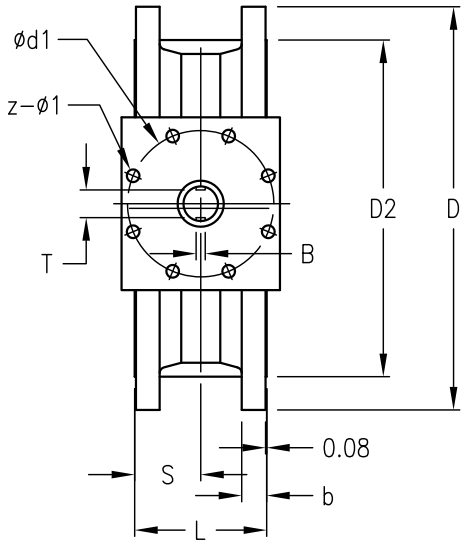
DIMENSIONAL DRAWING
TIGHT SHUT-OFF VALVE / SERIES 68
BARE SHAFT
DOUBLE FLANGED ENDS / RATING CLASS 300

SERIES 68





PRESSURE DIRECTION

L = FACE TO FACE
FLANGE CONNECTION ACC. TO ASME B16.5 FOR ≤ DN600 AND > DN600 ACC. TO ASME B16.47 SER. B
N-ø = NUMBER OF FLANGE HOLES & DIAMETER OF FLANGE HOLES
n-M = NUMBER OF FLANGE THREAD HOLES & DIAMETER OF FLANGE THREAD HOLES
FURTHER DESIGN ON REQUEST

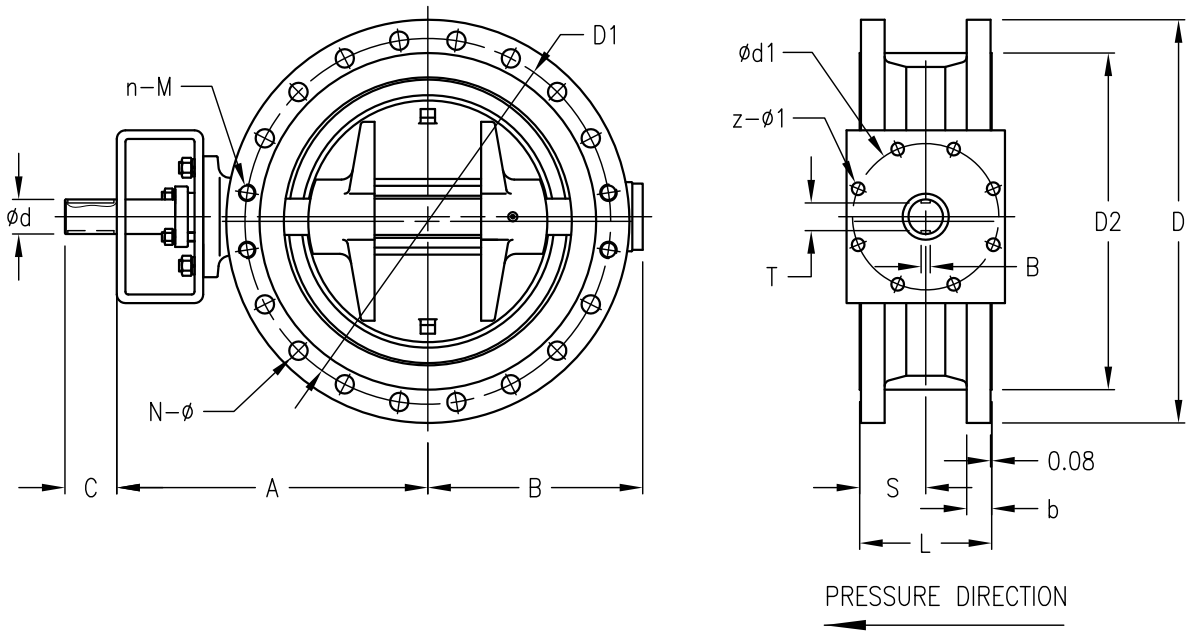
METRIC DIMENSIONS AND WEIGHTS

DIMENSIONS IN MILLIMETERS EXCEPT M																	WEIGHT
DN	L	S	D	D1	D2	b	N-ø	n-M	A	B	C	ød	ød1	z-ø1	B	T	(KG)
80	114	57	210	168.3	127	29	4-ø22.2	4-¾"	205	115	40	17	70	4-ø10	5	14	28
100	127	63.5	255	200	157.2	32.2	4-ø22.2	4-¾"	220	140	40	19	70	4-ø10	6	15.5	38
125	140	70	280	235	185.7	35.4	4-ø22.2	4-¾"	268	170	60	25	102	4-ø12	8	21	52
150	140	70	320	269.9	215.9	37	8-ø22.2	4-¾"	290	190	60	25	125	4-ø14	8	21	58
200	152	76	380	330.2	269.9	41.7	8-ø25.4	4-⅞"	345	230	60	36	140	4-ø18	10	31	84
250	165	82.5	445	387.4	323.8	48.1	12-ø28.6	4-1"	400	260	60	40	165	4-ø22	12	35	148
300	178	89	520	450.8	381	51.3	12-ø31.8	4-1⅛"	440	300	80	45	165	4-ø22	14	39.5	198
350	190	95	585	514.4	412.8	54.4	16-ø31.8	4-1⅛"	485	330	90	50	254	8-ø18	14	44.5	258
400	216	108	650	571.5	469.9	57.6	16-ø35	4-1¼"	510	365	90	60	254	8-ø18	18	53	356
450	222	111	710	628.6	533.4	60.8	20-ø35	4-1¼"	550	390	120	70	298	8-ø22	20	62.5	406
500	229	114.5	775	685.8	584.2	64	20-ø35	4-1¼"	580	435	120	80	298	8-ø22	2-22	62	489
600	267	133.5	915	812.8	692.2	70.3	20-ø41.3	4-1½"	640	510	120	85	298	8-ø22	2-22	67	752
700	292	146	920	857.2	787	89.4	32-ø34.9	4-1¼"	725	590	150	105	356	8-ø33	2-25	87	1195
750	318	159	990	920.8	845	94.1	32-ø38.1	4-1⅜"	765	620	165	110	356	8-ø33	2-25	92	1360
800	318	159	1055	977.9	902	103.6	28-ø41.3	4-1½"	850	650	180	120	406	8-ø39	2-28	100	1520
900	330	165	1170	1089.0	1010	103.6	28-ø44.5	4-1⅝"	900	705	200	130	406	8-ø39	2-28	110	1975
1000	409	205	1275	1190.6	1114	116.3	36-ø44.5	4-1⅝"	914	755	200	140	406	8-ø39	2-32	118	2350
1100	470	235	1385	1295.4	1219	127.5	36-ø47.6	4-1¾"	1007	835	200	140	406	8-ø39	2-32	118	3100
1200	470	235	1510	1416.0	1327	129.0	36-ø50.8	4-1⅞"	1087	910	200	150	483	12-ø39	2-36	126	3995

PDC
Process Development & Control LLC

DIMENSIONAL DRAWING
TIGHT SHUT-OFF VALVE / SERIES 68
BARE SHAFT
DOUBLE FLANGED ENDS / RATING CLASS 300

SERIES 68



L = FACE TO FACE
FLANGE CONNECTION ACC. TO ASME B16.5 FOR ≤ 24" AND > 24" ACC. TO ASME B16.47 SER. B
N-ø = NUMBER OF FLANGE HOLES & DIAMETER OF FLANGE HOLES
N-M = NUMBER OF FLANGE THREAD HOLES & DIAMETER OF FLANGE THREAD HOLES
FURTHER DESIGN ON REQUEST

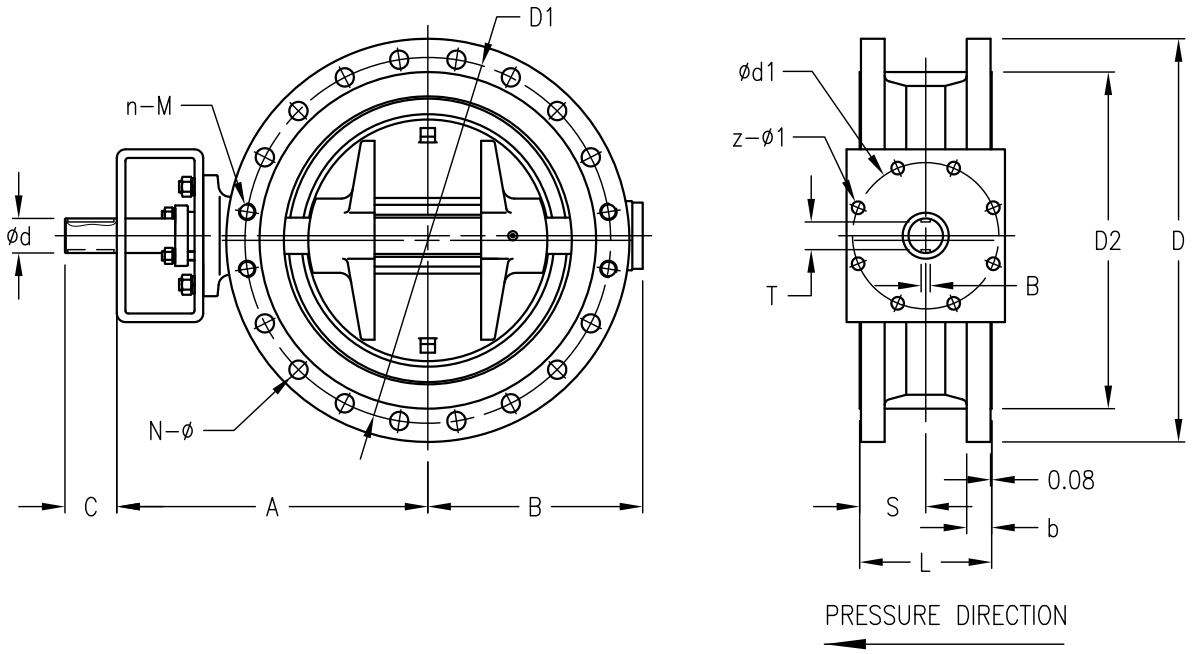
IMPERIAL DIMENSIONS AND WEIGHTS

DIMENSIONS (INCH)																	WEIGHT (LBS)
NPS	L	S	D	D1	D2	b	N-ø	n-M	A	B	C	ød	ød1	z-ø1	B	T	
3"	4.5	2.25	8.25	6.62	5	1.14	4-7/8"	4-3/4"	8.1	4.53	1.58	0.67	2.76	4-ø0.39	0.20	0.16	62
4"	5	2.5	10	7.88	6.19	1.27	4-7/8"	4-3/4"	8.7	5.51	1.58	0.75	2.76	4-ø0.39	0.24	0.61	84
5"	5.5	2.75	11	9.25	7.31	1.39	4-7/8"	4-3/4"	10.6	6.70	2.36	0.98	4.00	4-ø0.47	0.32	0.83	115
6"	5.5	2.75	12.5	10.62	8.5	1.46	8-7/8"	4-3/4"	11.4	7.50	2.36	0.98	4.92	4-ø0.55	0.32	0.83	128
8"	6	3	15	13	10.63	1.64	8-1"	4-7/8"	13.6	9.00	2.36	1.42	5.51	4-ø0.71	0.39	1.22	185
10"	6.5	3.25	17.5	15.25	12.75	1.89	12-1 1/8"	4-1"	15.7	10.24	2.36	1.58	6.50	4-ø0.87	0.47	1.38	326
12"	7	3.5	20.5	17.75	15	2.02	12-1 1/4"	4-1 1/8"	17.3	11.8	3.15	1.77	6.50	4-ø0.87	0.55	1.56	437
14"	7.5	3.75	23	20.25	16.25	2.14	16-1 1/4"	4-1 1/8"	19.1	13.0	3.54	1.97	10.0	8-ø0.71	0.55	1.75	569
16"	8.5	4.25	25.5	22.5	18.5	2.27	16-1 3/8"	4-1 1/4"	20.1	14.4	3.54	2.36	10.0	8-ø0.71	0.71	2.09	786
18"	8.75	4.375	28	24.75	21	2.39	20-1 3/8"	4-1 1/4"	21.7	15.4	4.72	2.76	11.73	8-ø0.87	0.79	2.46	896
20"	9	4.5	30.5	27	23	2.52	20-1 3/8"	4-1 1/4"	22.8	17.1	4.72	3.15	11.73	8-ø0.87	2-0.87	2.44	1079
24"	10.5	5.25	36	32	27.25	2.77	20-1 5/8"	4-1 1/2"	25.2	20.1	4.72	3.35	11.73	8-ø0.87	2-0.87	2.64	1659
28"	11.5	5.75	36.25	33.75	30	3.5	32-1 3/8"	4-1 1/4"	28.5	23.2	5.91	4.13	14.0	8-ø1.3	2-0.98	3.43	2637
30"	12.5	6.25	39	36.25	32	3.69	28-1 5/8"	4-1 3/8"	30.1	24.4	6.50	4.33	14.0	8-ø1.3	2-0.98	3.62	3000
32"	12.5	6.25	41.5	38.5	34	4.06	32-1 1/2"	4-1 1/2"	34.5	25.6	7.10	4.72	16.0	8-ø1.54	2-1.1	3.94	3354
36"	13	6.5	46.12	42.88	38.25	4.06	32-1 3/4"	4-1 5/8"	35.4	27.8	7.88	5.12	16.0	8-ø1.54	2-1.1	4.33	4358
40"	16.1	8.05	50.12	46.88	42.5	4.56	36-1 3/4"	4-1 5/8"	36.0	29.7	7.88	5.51	16.0	8-ø1.54	2-1.26	4.65	5185
44"	18.5	9.25	54.5	51	46.5	5	36-1 7/8"	4-1 3/4"	39.7	32.9	7.88	5.51	16.0	8-ø1.54	2-1.26	4.65	6840
48"	18.5	9.25	59.5	55.75	50.75	5.06	36-2"	4-1 7/8"	42.8	35.8	7.88	5.91	19.0	12-ø1.54	2-1.42	4.96	8815

PDC
Process Development & Control LLC

DIMENSIONAL DRAWING
TIGHT SHUT-OFF VALVE / SERIES 68
BARE SHAFT
DOUBLE FLANGED ENDS / RATING CLASS 600

SERIES 68



L = FACE TO FACE
FLANGE CONNECTION ACC. TO ASME B16.5
N-ø = NUMBER OF FLANGE HOLES & DIAMETER OF FLANGE HOLES
n-M = NUMBER OF FLANGE THREAD HOLES & DIAMETER OF FLANGE THREAD HOLES
FURTHER DESIGN ON REQUEST

METRIC DIMENSIONS AND WEIGHTS

DIMENSIONS IN MILLIMETERS EXCEPT M																	WEIGHT
DN	L	S	D	D1	D2	b	N-ø	n-M	A	B	C	ød	ød1	z-ø1	B	T	(KG)
80	180	90	210	168.3	127	38.8	4-ø22.2	4-$\frac{3}{4}$"	240	115	40	22.2	102	4-ø12	6	18.7	40
100	190	95	275	215.9	157.2	45.1	4-ø25.4	4-$\frac{7}{8}$"	240	150	60	25	125	4-ø14	8	21	68
125	200	100	330	266.7	185.7	51.5	4-ø28.6	4-1"	280	175	60	30	125	4-ø14	8	26	88
150	210	105	355	292.1	215.9	54.7	8-ø28.6	4-1"	325	210	60	35	165	4-ø22	10	30	102
200	230	115	420	349.2	269.9	62.6	8-ø31.8	4-1$\frac{1}{8}$"	380	245	80	45	165	4-ø22	14	39.5	156
250	250	125	510	431.8	323.8	70.5	12-ø35	4-1$\frac{1}{4}$"	440	290	90	50	254	8-ø18	14	44.5	248
300	270	135	560	489	381	73.7	16-ø35	4-1$\frac{1}{4}$"	465	315	90	55	254	8-ø18	16	49	328
350	290	145	605	527	412.8	76.9	16-ø38.1	4-1$\frac{3}{8}$"	527	345	90	60	254	8-ø18	18	53	416
400	310	155	685	603.2	469.9	83.2	16-ø41.3	4-1$\frac{1}{2}$"	610	455	120	85	298	8-ø22	2-22	67	546
450	330	165	745	654	533.4	89.6	16-ø44.5	4-1$\frac{5}{8}$"	630	480	120	95	356	8-ø33	2-25	77	728
500	350	175	815	723.9	584.2	95.9	16-ø44.5	8-1$\frac{5}{8}$"	645	510	150	100	356	8-ø33	2-25	82	890
600	390	195	940	838.2	692.2	108.6	16-ø50.8	8-1$\frac{7}{8}$"	755	590	150	120	406	8-ø39	2-28	100	1280

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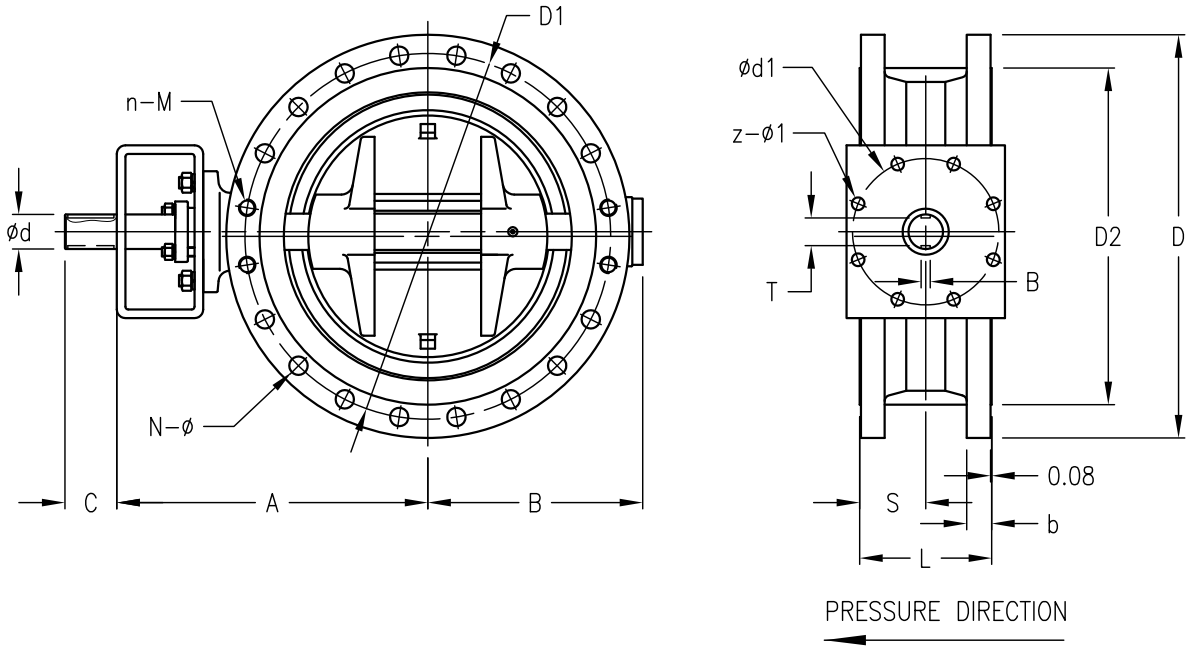
DIMENSIONAL DRAWING
TIGHT SHUT-OFF VALVE / SERIES 68
BARE SHAFT
DOUBLE FLANGED ENDS / RATING CLASS 600

SERIES 68



L = FACE TO FACE
FLANGE CONNECTION ACC. TO ASME B16.5
N-ø = NUMBER OF FLANGE HOLES & DIAMETER OF FLANGE HOLES
n-M = NUMBER OF FLANGE THREAD HOLES & DIAMETER OF FLANGE THREAD HOLES
FURTHER DESIGN ON REQUEST

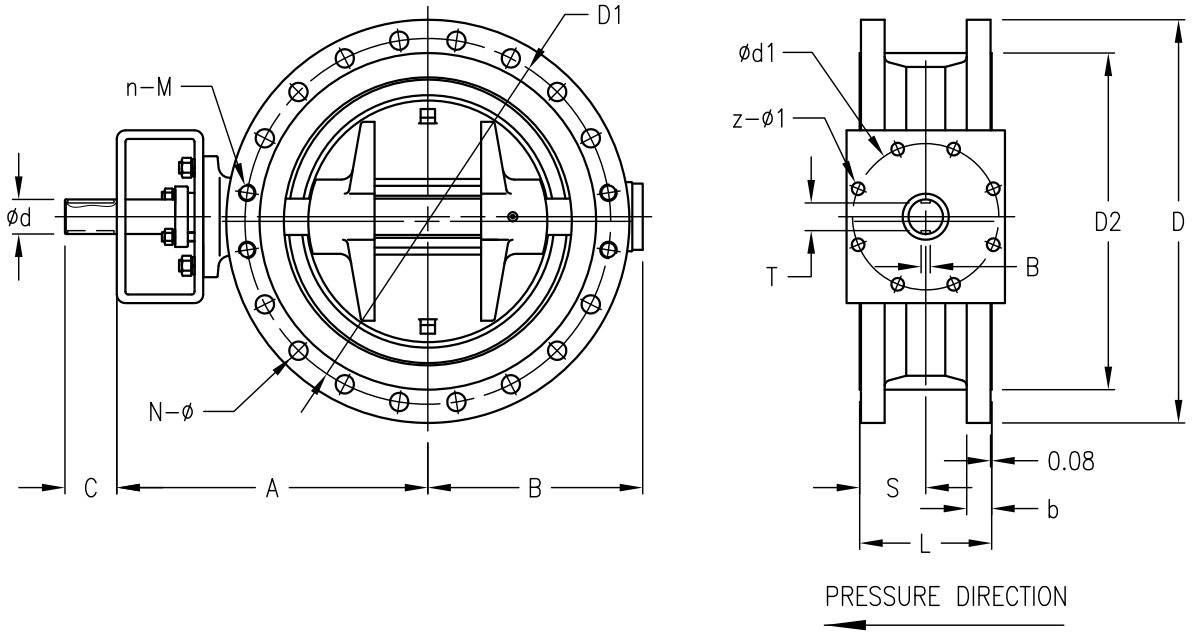
IMPERIAL DIMENSIONS AND WEIGHTS

DIMENSIONS (INCH)																	WEIGHT (LBS)
NPS	L	S	D	D1	D2	b	N-ø	n-M	A	B	C	ød	ød1	z-ø1	B	T	
3"	7.08	3.54	8.25	6.62	5	1.53	4-$\frac{7}{8}$"	4-$\frac{3}{4}$"	9.5	4.53	1.58	0.87	4	4-ø0.47	0.24	0.74	88
4"	7.48	3.74	10.75	8.5	6.19	1.78	4-1"	4-$\frac{7}{8}$"	9.5	5.91	2.36	0.98	4.92	4-ø0.55	0.32	0.83	150
5"	7.88	3.94	13	10.5	7.31	2.03	4-1 $\frac{1}{8}$"	4-1"	11.0	4.89	2.36	1.18	4.92	4-ø0.55	0.32	1.02	194
6"	8.28	4.14	14	11.5	8.5	2.16	8-1 $\frac{1}{8}$"	4-1"	12.8	8.27	2.36	1.38	6.5	4-ø0.87	0.39	1.18	225
8"	9.06	4.53	16.5	13.75	10.63	2.47	8-1 $\frac{1}{4}$"	4-1$\frac{1}{8}$"	15.0	9.65	3.15	1.77	6.5	4-ø0.87	0.55	1.56	344
10"	9.84	4.92	20	17	12.75	2.78	12-1 $\frac{3}{8}$"	4-1$\frac{1}{4}$"	17.3	11.42	3.54	1.97	10	8-ø0.71	0.55	1.75	547
12"	10.64	5.32	22	19.25	15	2.9	16-1 $\frac{3}{8}$"	4-1$\frac{1}{4}$"	18.3	12.4	3.54	2.17	10	8-ø0.71	0.63	1.93	723
14"	11.42	5.71	13.75	20.75	16.25	3.03	16-1 $\frac{1}{2}$"	4-1$\frac{3}{8}$"	20.8	13.6	3.54	2.36	10	8-ø0.71	0.71	2.09	918
16"	12.2	6.1	27	23.75	18.5	3.28	16-1 $\frac{5}{8}$"	4-1$\frac{1}{2}$"	24.0	17.9	4.72	3.35	11.73	8-ø0.87	2-0.87	2.64	1205
18"	13	6.5	29.25	25.75	21	3.53	16-1 $\frac{3}{4}$"	4-1$\frac{5}{8}$"	24.8	18.9	4.72	3.74	14	8-ø1.3	2-0.98	77	1606
20"	13.78	6.89	32	28.5	23	3.78	16-1 $\frac{3}{4}$"	8-1$\frac{5}{8}$"	25.4	20.1	5.91	3.94	14	8-ø1.3	2-0.98	82	1964
24"	15.4	7.7	37	33	27.25	4.28	16-2"	8-1$\frac{7}{8}$"	29.7	23.2	5.91	4.72	15.98	8-ø1.54	2-1.1	100	2825

PDC
Process Development & Control LLC

DIMENSIONAL DRAWING
TIGHT SHUT-OFF VALVE / SERIES 68
BARE SHAFT
DOUBLE FLANGED ENDS / RATING CLASS 900

SERIES 68



L = FACE TO FACE
FLANGE CONNECTION ACC. TO ASME B16.5
N-ø = NUMBER OF FLANGE HOLES & DIAMETER OF FLANGE HOLES
n-M = NUMBER OF FLANGE THREAD HOLES & DIAMETER OF FLANGE THREAD HOLES
FURTHER DESIGN ON REQUEST

METRIC DIMENSIONS AND WEIGHTS

DIMENSIONS IN MILLIMETERS EXCEPT M																	WEIGHT (KG)
DN	L	S	D	D1	D2	b	N-ø	n-M	A	B	C	ød	ød1	z-ø1	B	T	
150	225	112.5	381	317.5	215.9	62.6	8-ø31.7	4-1 1/8"	405	226	80	45	165	4-ø22	14	39.5	186
200	275	137.5	469.9	393.7	269.7	70.5	8-ø38.1	4-1 3/8"	485	280	90	60	254	8-ø18	18	53	315
250	325	162.5	546.1	469.9	323.8	76.85	12-ø38.1	4-1 3/8"	575	338	90	60	254	8-ø18	18	53	495
300	375	187.5	609.6	533.4	381	86.25	16-ø38.1	4-1 3/8"	655	402	120	60	254	8-ø18	18	53	782
350	425	212.5	641.3	558.8	412.8	92.8	16-ø41.1	4-1 1/2"	675	456	120	85	298	8-ø22	2-22	67	975
400	475	237.5	704.8	615.9	469.9	95.9	16-ø44.4	4-1 5/8"	730	492	120	85	298	8-ø22	2-22	67	1170
450	500	250	787.4	685.8	533.4	108.6	16-ø50.8	4-1 7/8"	770	510	150	100	356	8-ø33	2-25	77	1550
500	575	287.5	857.2	749.3	584.2	114.9	16-ø53.8	4-2"	870	590	170	100	356	8-ø33	2-25	77	2210
600	675	337.5	1041.4	901.7	692.2	146.7	16-ø66.55	4-2 1/2"	1030	675	170	120	406	8-ø39	2-28	100	3410

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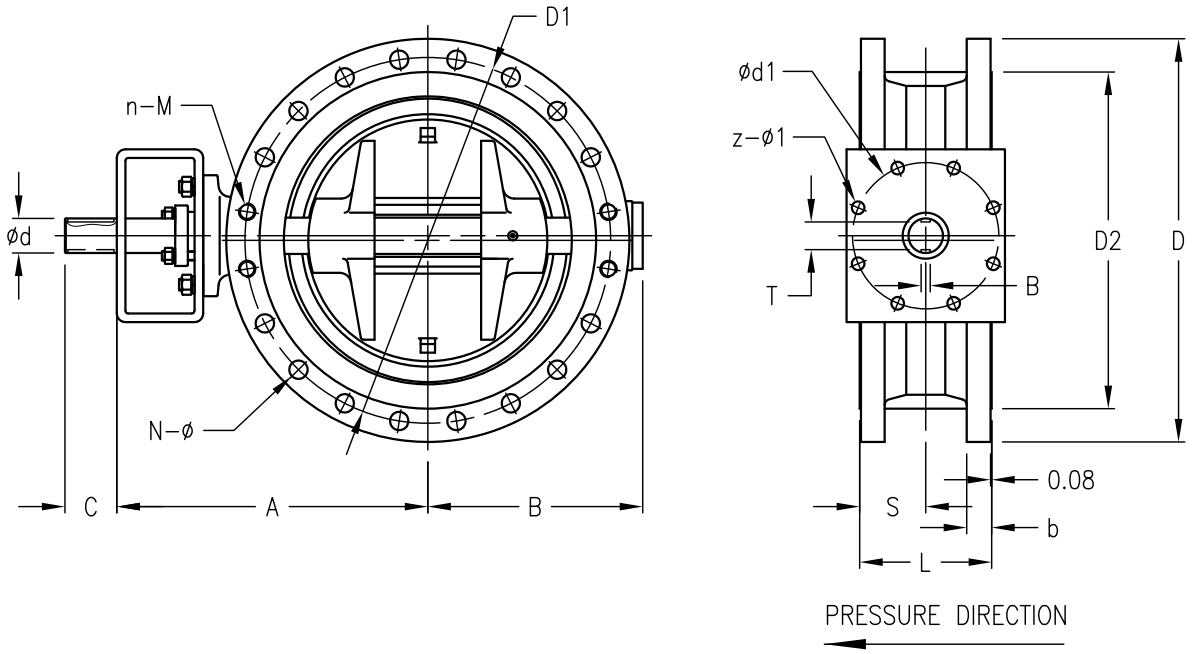
DIMENSIONAL DRAWING
TIGHT SHUT-OFF VALVE / SERIES 68
BARE SHAFT
DOUBLE FLANGED ENDS / RATING CLASS 900

SERIES 68



L = FACE TO FACE
FLANGE CONNECTION ACC. TO ASME B16.5
N-ø = NUMBER OF FLANGE HOLES & DIAMETER OF FLANGE HOLES
n-M = NUMBER OF FLANGE THREAD HOLES & DIAMETER OF FLANGE THREAD HOLES
FURTHER DESIGN ON REQUEST

IMPERIAL DIMENSIONS AND WEIGHTS

DIMENSIONS (INCH)																	WEIGHT (LBS)
NPS	L	S	D	D1	D2	b	N-ø	n-M	A	B	C	ød	ød1	z-ø	B	T	
6"	8.86	4.43	15	12.5	8.5	3.53	8-1 1/4"	4-1 1/8"	15.9	8.9	3.15	1.77	6.5	4-ø0.87	0.55	1.56	410
8"	10.82	5.41	18.5	15.5	10.63	3.9	8-1 1/2"	4-1 3/8"	19.1	11	3.54	2.36	10	8-ø0.71	0.71	2.09	695
10"	12.8	6.4	21.5	18.5	12.75	4.53	12-1 1/2"	4-1 3/8"	22.6	13.3	3.54	2.36	10	8-ø0.71	0.71	2.09	1092
12"	14.76	7.38	24	21	15	5.16	16-1 1/2"	4-1 3/8"	25.8	15.8	4.72	2.36	10	8-ø0.71	0.71	2.09	1726
14"	16.73	8.37	25.25	22	16.25	5.53	16-1 5/8"	4-1 1/2"	26.8	18	4.72	3.35	11.73	8-ø0.87	2-0.87	2.64	2151
16"	18.7	9.35	27.75	24.25	18.5	6.03	16-1 3/4"	4-1 5/8"	28.7	19.4	4.72	3.35	11.73	8-ø0.87	2-0.87	2.64	2582
18"	19.68	9.84	31	27	21	6.66	16-2"	4-1 7/8"	30.3	20.1	5.91	3.94	14	8-ø1.3	2-0.98	3.03	3420
20"	22.64	11.32	33.75	29.5	23	7.28	16-2 1/8"	4-2"	34.3	23.2	6.69	3.94	14	8-ø1.3	2-0.98	3.03	4876
24"	26.58	13.29	41	35.5	27.25	8.28	16-2 5/8"	4-2 1/2"	40.6	26.6	6.69	4.72	15.98	8-ø1.54	2-1.1	3.94	3410

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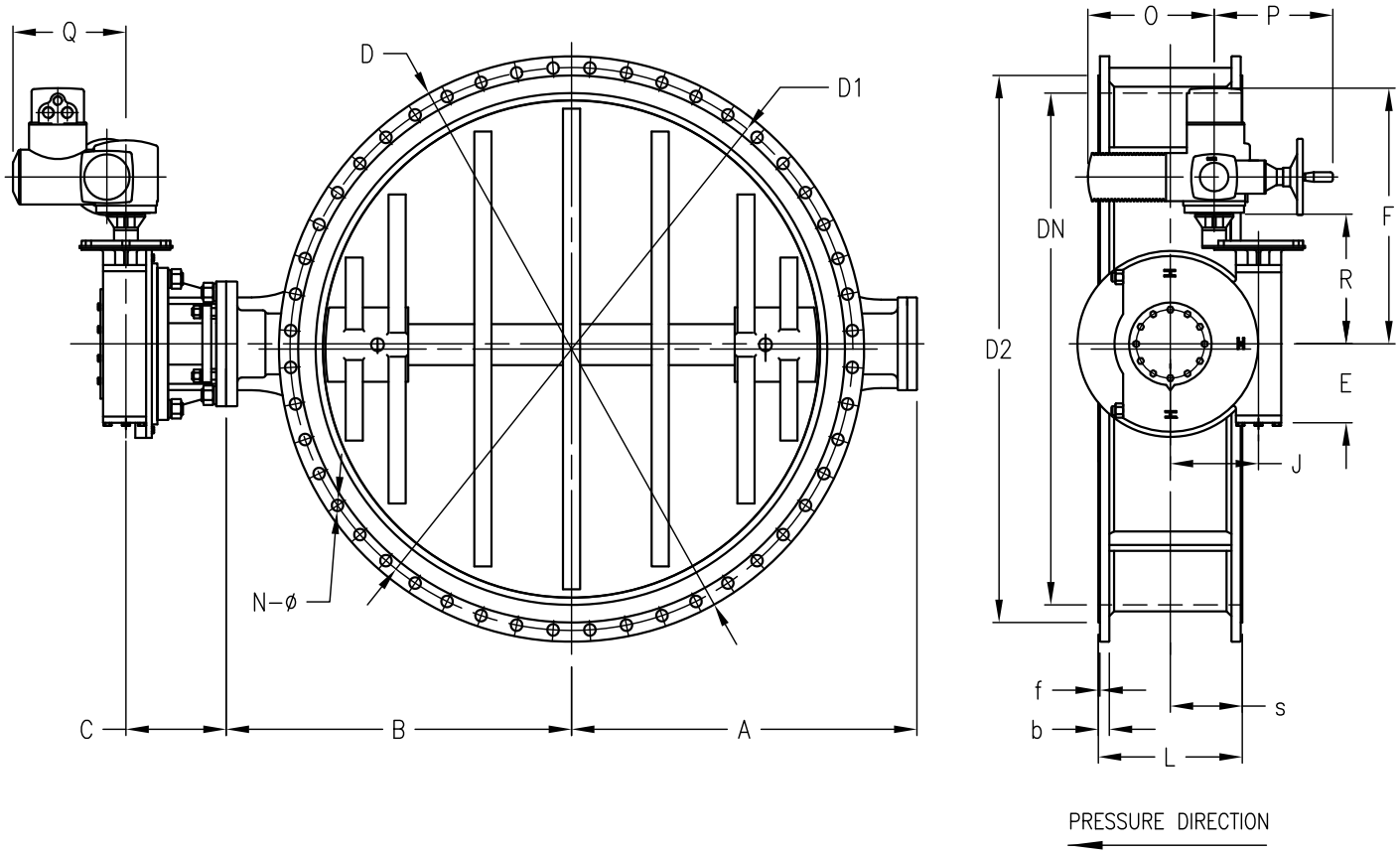
DIMENSIONAL DRAWING
VACUUM BUTTERFLY VALVE / SERIES 68
ELECTRIC ACTUATOR
DOUBLE FLANGED ENDS / RATING PN2.5

SERIES 68



L = FACE TO FACE
FLANGE CONNECTION ACC. TO EN1092 PN2.5
N–ø = NUMBER OF FLANGE HOLES & DIAMETER OF FLANGE HOLES
ALL DIMENSIONS IN MM
FURTHER DESIGN ON REQUEST

METRIC DIMENSIONS AND WEIGHTS

DIMENSIONS IN MILLIMETERS																		WEIGHT (KG)
DN	L	S	D	D1	D2	b	f	N–ø	A	B	C	E	R	F	O	P	Q	
1000	410	205	1175	1120	1080	26	2	28–ø30	650	720	237	245	325	575	285	260	250	1050
1200	470	235	1375	1320	1280	26	2	32–ø30	760	830	237	245	325	575	285	260	250	1330
1400	530	265	1575	1520	1480	26	2	36–ø30	880	950	277	245	325	575	285	260	250	1885
1600	600	300	1790	1730	1690	26	2	40–ø30	1020	1065	297	310	385	635	285	260	250	2575
1800	670	335	1990	1930	1890	26	2	44–ø30	1130	1175	337	310	385	635	285	260	250	3345
2000	540	270	2190	2130	2090	26	2	48–ø30	1230	1275	354	410	480	730	285	260	250	4700
2200	590	295	2405	2340	2295	28	2	52–ø33	1365	1400	354	410	480	730	285	260	250	5515
2400	650	325	2605	2540	2495	28	2	56–ø33	1425	1545	354	410	480	730	285	260	250	6405
2600	700	335	2805	2740	2695	28	2	60–ø33	1655	1695	381	520	567	817	285	260	250	8450
2800	760	380	3030	2960	2910	30	2	64–ø33	1755	1805	381	520	567	817	285	260	250	9825
3000	810	405	3230	3160	3110	30	2	68–ø33	1865	1910	381	520	567	817	285	260	250	11515

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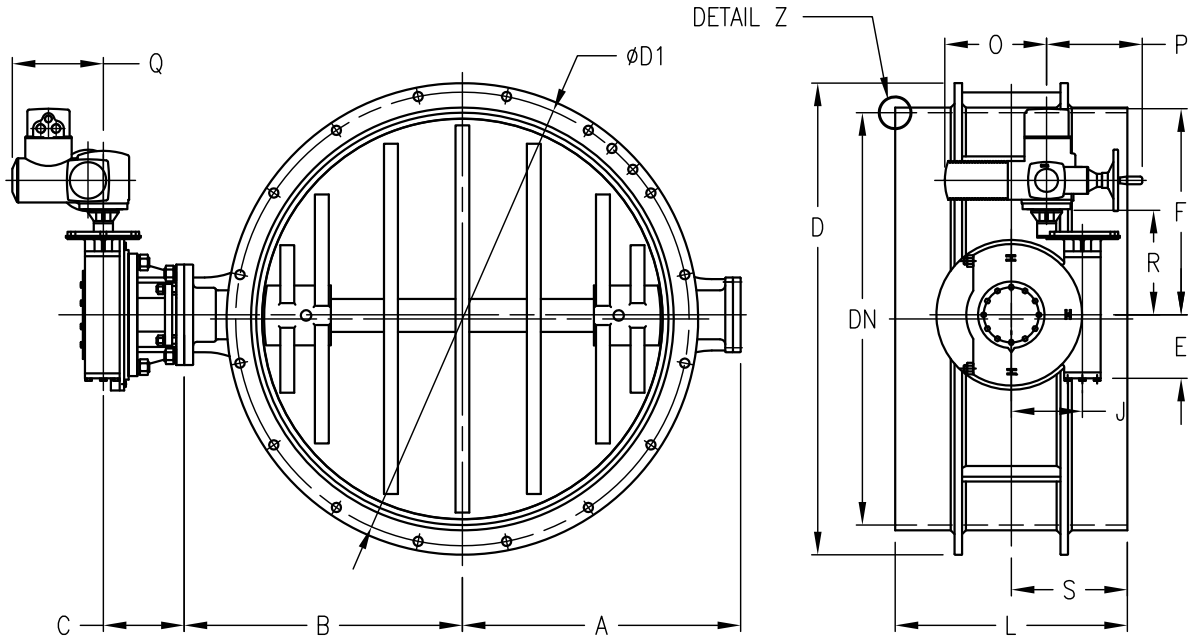
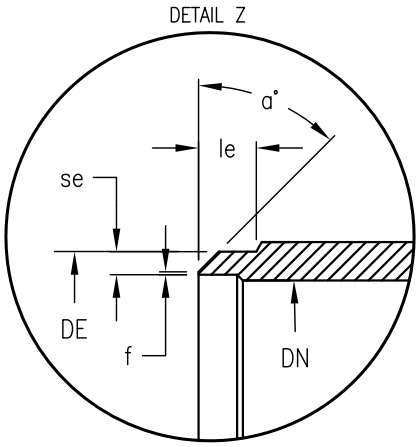
DIMENSIONAL DRAWING
VACUUM BUTTERFLY VALVE / SERIES 68
ELECTRIC ACTUATOR BUTT WELD ENDS/RATING PN2.5

SERIES 68



PRESSURE DIRECTION



L = FACE TO FACE
ALL DIMENSIONS IN MM
FURTHER DESIGN ON REQUEST

METRIC DIMENSIONS AND WEIGHTS

DIMENSIONS IN MILLIMETERS																	WEIGHT (KG)
DN	L	S	DE	Se	a°	le	f	A	B	C	E	R	F	O	P	Q	
1000	550	275	1016	10	37.5°	30	2	650	720	237	245	325	575	285	260	250	1180
1200	630	315	1219	11	37.5°	30	2	760	830	237	245	325	575	285	260	250	1550
1400	710	355	1422	11	37.5°	30	2	880	950	277	245	325	575	285	260	250	1965
1600	790	395	1626	11	37.5°	30	2	1020	1065	297	310	385	635	285	260	250	2750
1800	870	435	1829	14	37.5°	30	2	1130	1175	337	310	385	635	285	260	250	3530
2000	950	475	2032	14	37.5°	30	2	1230	1275	354	410	480	730	285	260	250	5100
2200	1000	500	2235	14	37.5°	30	2	1365	1400	354	410	480	730	285	260	250	5680
2400	1100	550	2458	14	37.5°	30	2	1425	1545	354	410	480	730	285	260	250	7180
2600	1200	600	2620	14	37.5°	30	2	1655	1695	381	520	567	817	285	260	250	9700
2800	1300	650	2860	15	37.5°	30	2	1755	1805	381	520	567	817	285	260	250	10900
3000	1400	700	3020	16	37.5°	30	2	1865	1910	381	520	567	817	285	260	250	12680