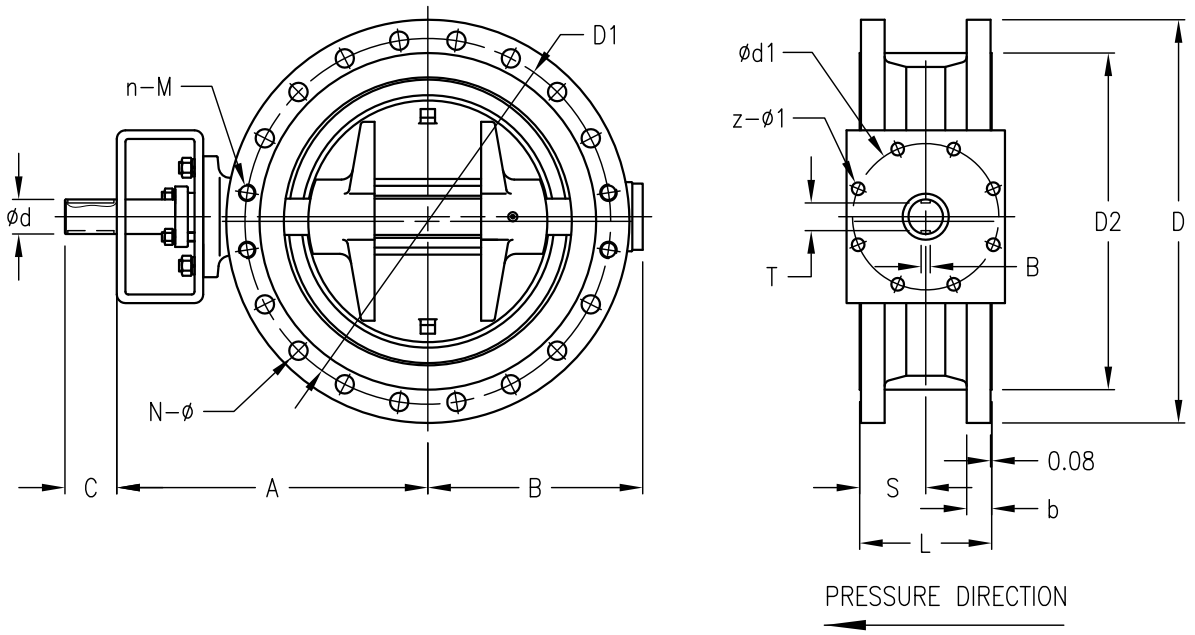
PDC
Process Development & Control LLC

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 ≤ 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