



L = FACE TO FACE
FLANGE CONNECTION ACC. TO ASME B16.5 FOR ≤ 24 " AND > 24 " ACC. TO ASME B16.47 SER. B
N- ϕ = 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

NPS	DIMENSIONS (INCH)															WEIGHT (LBS)	
	L	S	D	D1	D2	b	N- ϕ	n-M	A	B	C	ϕd	$\phi d1$	z- $\phi1$	B		T
3"	4.5	2.25	8.25	6.62	5	1.14	4- $\frac{7}{8}$ "	4- $\frac{3}{4}$ "	8.1	4.53	1.58	0.67	2.76	4- $\phi 0.39$	0.20	0.16	62
4"	5	2.5	10	7.88	6.19	1.27	4- $\frac{7}{8}$ "	4- $\frac{3}{4}$ "	8.7	5.51	1.58	0.75	2.76	4- $\phi 0.39$	0.24	0.61	84
5"	5.5	2.75	11	9.25	7.31	1.39	4- $\frac{7}{8}$ "	4- $\frac{3}{4}$ "	10.6	6.70	2.36	0.98	4.00	4- $\phi 0.47$	0.32	0.83	115
6"	5.5	2.75	12.5	10.62	8.5	1.46	8- $\frac{7}{8}$ "	4- $\frac{3}{4}$ "	11.4	7.50	2.36	0.98	4.92	4- $\phi 0.55$	0.32	0.83	128
8"	6	3	15	13	10.63	1.64	8-1"	4- $\frac{7}{8}$ "	13.6	9.00	2.36	1.42	5.51	4- $\phi 0.71$	0.39	1.22	185
10"	6.5	3.25	17.5	15.25	12.75	1.89	12-1 $\frac{1}{8}$ "	4-1"	15.7	10.24	2.36	1.58	6.50	4- $\phi 0.87$	0.47	1.38	326
12"	7	3.5	20.5	17.75	15	2.02	12-1 $\frac{1}{4}$ "	4-1 $\frac{1}{8}$ "	17.3	11.8	3.15	1.77	6.50	4- $\phi 0.87$	0.55	1.56	437
14"	7.5	3.75	23	20.25	16.25	2.14	16-1 $\frac{1}{4}$ "	4-1 $\frac{1}{8}$ "	19.1	13.0	3.54	1.97	10.0	8- $\phi 0.71$	0.55	1.75	569
16"	8.5	4.25	25.5	22.5	18.5	2.27	16-1 $\frac{5}{8}$ "	4-1 $\frac{1}{4}$ "	20.1	14.4	3.54	2.36	10.0	8- $\phi 0.71$	0.71	2.09	786
18"	8.75	4.375	28	24.75	21	2.39	20-1 $\frac{3}{8}$ "	4-1 $\frac{1}{4}$ "	21.7	15.4	4.72	2.76	11.73	8- $\phi 0.87$	0.79	2.46	896
20"	9	4.5	30.5	27	23	2.52	20-1 $\frac{3}{8}$ "	4-1 $\frac{1}{4}$ "	22.8	17.1	4.72	3.15	11.73	8- $\phi 0.87$	2-0.87	2.44	1079
24"	10.5	5.25	36	32	27.25	2.77	20-1 $\frac{5}{8}$ "	4-1 $\frac{1}{2}$ "	25.2	20.1	4.72	3.35	11.73	8- $\phi 0.87$	2-0.87	2.64	1659
28"	11.5	5.75	36.25	33.75	30	3.5	32-1 $\frac{3}{8}$ "	4-1 $\frac{1}{2}$ "	28.5	23.2	5.91	4.13	14.0	8- $\phi 1.3$	2-0.98	3.43	2637
30"	12.5	6.25	39	36.25	32	3.69	28-1 $\frac{5}{8}$ "	4-1 $\frac{3}{8}$ "	30.1	24.4	6.50	4.33	14.0	8- $\phi 1.3$	2-0.98	3.62	3000
32"	12.5	6.25	41.5	38.5	34	4.06	32-1 $\frac{1}{2}$ "	4-1 $\frac{1}{2}$ "	34.5	25.6	7.10	4.72	16.0	8- $\phi 1.54$	2-1.1	3.94	3354
36"	13	6.5	46.12	42.88	38.25	4.06	32-1 $\frac{3}{4}$ "	4-1 $\frac{5}{8}$ "	35.4	27.8	7.88	5.12	16.0	8- $\phi 1.54$	2-1.1	4.33	4358
40"	16.1	8.05	50.12	46.88	42.5	4.56	36-1 $\frac{3}{4}$ "	4-1 $\frac{5}{8}$ "	36.0	29.7	7.88	5.51	16.0	8- $\phi 1.54$	2-1.26	4.65	5185
44"	18.5	9.25	54.5	51	46.5	5	36-1 $\frac{7}{8}$ "	4-1 $\frac{3}{4}$ "	39.7	32.9	7.88	5.51	16.0	8- $\phi 1.54$	2-1.26	4.65	6840
48"	18.5	9.25	59.5	55.75	50.75	5.06	36-2"	4-1 $\frac{7}{8}$ "	42.8	35.8	7.88	5.91	19.0	12- $\phi 1.54$	2-1.42	4.96	8815