



DIMENSIONS FLANGES OF CLASS 150 (ANSI B 16.5)

Nominal Pipe Size (inch)	Flange Dia O (mm)	Dia of Bolt Circle A	Dia of Bolt Holes D	No. of Holes	Thk of Flange C	Dia of Hub E	Length through Hub			Dia of Bore		Dia of R/F R	Depth of Socket F	
							S/o & S/w, Y	W/N Y	L/J Y	S/O & S/W B	L/J B			
1/2	15	90	60.3	15.9	4	9.6	30	14	46	16	22.2	22.9	34.9	10
3/4	20	100	69.9	15.9	4	11.2	38	14	51	16	27.7	28.2	42.9	11
1	25	110	79.4	15.9	4	12.7	49	16	54	17	34.5	34.9	50.8	13
1.1/4	32	115	88.9	15.9	4	14.3	59	19	56	21	43.2	43.7	63.5	14
1.1/2	40	125	98.4	15.9	4	15.9	65	21	60	22	49.5	50.0	73.0	16
2	50	150	120.7	19.0	4	17.5	78	24	62	25	61.9	62.5	92.1	17
2.1/2	65	180	139.7	19.0	4	20.7	90	27	68	29	74.6	75.4	104.8	19
3	80	190	152.4	19.0	4	22.3	108	29	68	30	90.7	91.4	127.0	21
4	100	230	190.5	19.0	8	22.3	135	32	75	33	116.1	116.8	157.2	-
5	125	255	215.9	22.2	8	22.3	164	35	87	36	143.8	144.4	185.7	-
6	150	280	241.3	22.2	8	23.9	192	38	87	40	170.7	171.4	215.9	-
8	200	345	298.5	22.2	8	27.0	246	43	100	44	221.5	222.2	269.9	-
10	250	405	362.0	25.4	12	28.6	305	48	100	49	276.2	277.4	323.8	-
12	300	485	431.8	25.4	12	30.2	365	54	113	56	327.0	328.2	381.0	-
14	350	535	476.3	28.6	12	33.4	400	56	125	79	359.2	360.2	412.8	-
16	400	595	539.8	28.6	16	35.0	457	62	125	87	410.5	411.2	469.9	-
18	450	635	577.9	31.7	16	38.1	505	67	138	97	461.8	462.3	533.4	-
20	500	700	635.0	31.7	20	41.3	559	71	143	103	513.1	514.3	584.2	-
24	600	815	749.3	34.9	20	46.1	663	81	151	111	616.0	616.0	692.2	-

1) Thickness 'C' is of Raised Face Thickness of 1.6 mm.

DIMENSIONS OF CLASS 300 FLANGES (ANSI B 16.5)

Nominal Pipe Size (inch)	Flange Dia O (mm)	Dia of Bolt Circle A	Dia of Bolt Holes D	No. of Holes	Thk of Flange C	Dia of Hub E	Length through Hub			Dia of Bore		Dia of R/F R	Depth of Socket F	
							S/o & S/w, y	W/N y	L/J y	S/O & S/W B	L/J B			
1/2	15	95	66.7	15.9	4	12.7	38	21	51	22	22.2	22.9	34.9	10
3/4	20	115	82.6	19.0	4	14.3	48	24	56	25	27.7	28.2	42.9	11
1	25	125	88.9	19.0	4	15.9	54	25	60	27	34.5	34.9	50.8	13
1.1/4	32	135	98.4	19.0	4	17.5	64	25	64	27	43.2	43.7	63.5	14
1.1/2	40	155	114.3	22.2	4	19.1	70	29	67	30	49.5	50.0	73.0	16
2	50	165	127.0	19.0	8	20.7	84	32	68	33	61.9	62.5	92.1	17
2.1/2	65	190	149.2	22.2	8	23.9	100	37	75	38	74.6	75.4	104.8	19
3	80	210	168.3	22.2	8	27.0	117	41	78	43	90.7	91.4	127.0	21
4	100	255	200.0	22.2	8	30.2	146	46	84	48	116.1	116.8	157.2	-
5	125	280	235.0	22.2	8	33.4	178	49	97	51	143.8	144.4	185.7	-
6	150	320	269.9	22.2	12	35.0	206	51	97	52	170.7	171.4	215.9	-
8	200	380	330.2	25.4	12	39.7	260	60	110	62	221.5	222.2	269.9	-
10	250	445	387.4	28.6	16	46.1	321	65	116	95	276.2	277.4	323.8	-
12	300	520	450.8	31.7	16	49.3	375	71	129	102	327.0	328.2	381.0	-
14	350	585	514.4	31.7	20	52.4	425	75	141	111	359.2	360.2	412.8	-
16	400	650	571.5	34.9	20	55.6	483	81	144	121	410.5	411.2	469.9	-
18	450	710	628.6	34.9	24	58.8	533	87	157	130	461.8	462.3	533.4	-
20	500	775	685.8	34.9	24	62.0	587	94	160	140	513.1	514.4	584.2	-
24	600	915	812.8	41.3	24	68.3	702	105	167	152	616.0	616.0	692.2	-

1) Thickness 'C' is of Raised Face Thickness of 1.6 mm.