

END FLANGE DIMENSION- AS PER ASME B16.5

END DETAIL SIZE		150#							300#							600#						
DN	NPS	FLANGE DIA.	FLANGE THICK.	RAISED FACE DIA.	P.C.D.	NO. OF HOLE	DRILLED HOLE SIZE	TAPPED HOLE SIZE	FLANGE DIA.	FLANGE THICK.	RAISED FACE DIA.	P.C.D.	NO. OF HOLE	DRILLED HOLE SIZE	TAPPED HOLE SIZE	FLANGE DIA.	FLANGE THICK.	RAISED FACE DIA.	P.C.D.	NO. OF HOLE	DRILLED HOLE SIZE	TAPPED HOLE SIZE
		ØD	Tf	ØR	ØW	N	ØM		ØD	Tf	ØR	ØW	N	ØM		ØD	Tf	ØR	ØW	N	ØM	
15	1/2"	89.0	11.2	35.1	60.3	4	16.0	1/2"	95.0	14.3	35.1	66.7	4	16.0	1/2"	95.0	14.3+7.0	35.1	66.7	4	16.0	1/2"
20	3/4"	98.0	11.2	42.9	69.9	4	16.0	1/2"	115.0	15.9	42.9	82.6	4	19.0	5/8"	115.0	15.9+7.0	42.9	82.6	4	19.0	5/8"
25	1"	108.0	11.2	50.8	79.4	4	16.0	1/2"	125.0	17.5	50.8	88.9	4	19.0	5/8"	125.0	17.5+7.0	50.8	88.9	4	19.0	5/8"
32	1-1/4"	115.0	12.7	63.5	88.9	4	16.0	1/2"	135.0	19.1	63.5	98.4	4	19.0	5/8"	135.0	20.7+7.0	63.5	98.4	4	19.0	5/8"
40	1-1/2"	125.0	14.3	73.0	98.4	4	16.0	1/2"	155.0	20.7	73.0	114.3	4	22.0	3/4"	155.0	22.3+7.0	73.0	114.3	4	22.0	3/4"
50	2"	150.0	15.9	92.1	120.7	4	19.0	5/8"	165.0	22.3	92.1	127.0	8	19.0	5/8"	165.0	25.4+7.0	92.1	127.0	8	19.0	5/8"
65	2-1/2"	178.0	17.5	104.8	139.7	4	19.0	5/8"	190.0	25.4	104.8	149.2	8	22.0	3/4"	190.0	28.6+7.0	104.8	149.2	8	22.0	3/4"
80	3"	190.0	19.1	127.0	152.4	4	19.0	5/8"	210.0	28.6	127.0	168.3	8	22.0	3/4"	210.0	31.8+7.0	127.0	168.3	8	22.0	3/4"
100	4"	229.0	23.9	157.2	190.5	8	19.0	5/8"	255.0	31.8	157.2	200.0	8	22.0	3/4"	275.0	38.1+7.0	157.2	215.9	8	25.0	7/8"
125	5"	254.0	23.9	185.7	215.9	8	22.0	3/4"	280.0	35.0	185.7	235.0	8	22.0	3/4"	330.0	44.5+7.0	185.7	266.7	8	29.0	1"
150	6"	279.0	25.4	215.9	241.3	8	22.0	3/4"	320.0	36.6	215.9	269.9	12	22.0	3/4"	355.0	47.7+7.0	215.9	292.1	12	29.0	1"
200	8"	343.0	28.6	269.6	298.5	8	22.0	3/4"	380.0	41.3	269.9	330.2	12	25.0	7/8"	420.0	55.6+7.0	269.6	349.2	12	32.0	1-1/8"
250	10"	405.0	30.2	323.8	362.0	12	25.0	7/8"	445.0	47.7	323.8	387.4	16	29.0	1"	510.0	63.5+7.0	323.8	431.8	16	35.0	1-1/4"
300	12"	483.0	31.8	381.0	431.8	12	25.0	7/8"	520.0	50.8	381.0	450.8	16	32.0	1-1/8"	560.0	66.7+7.0	381.0	489.0	20	35.0	1-1/4"
350	14"	535.0	35.0	412.8	476.3	12	29.0	1"	585.0	54.0	412.8	514.4	20	32.0	1-1/8"	605.0	69.9+7.0	412.8	527.0	20	38.0	1-3/8"
400	16"	595.0	36.6	469.9	539.8	16	29.0	1"	650.0	57.2	469.9	571.5	20	35.0	1-1/4"	685.0	76.2+7.0	469.9	603.2	20	41.0	1-1/2"
450	18"	635.0	39.7	533.4	577.9	16	32.0	1-1/8"	710.0	60.4	533.4	628.6	24	35.0	1-1/4"	745.0	82.6+7.0	533.4	654.0	20	45.0	1-5/8"
500	20"	700.0	42.9	584.2	635.0	20	32.0	1-1/8"	775.0	63.5	584.2	685.8	24	35.0	1-1/4"	815.0	88.9+7.0	584.2	723.9	24	45.0	1-5/8"
600	24"	815.0	47.7	692.2	749.3	20	35.0	1-1/4"	915.0	69.9	692.2	812.8	24	38.0	1-1/2"	940.0	101.6+7.0	692.2	838.2	24	48.0	1-7/8"

END DETAIL SIZE		900#							1500#							2500#						
DN	NPS	FLANGE DIA.	FLANGE THICK.	RAISED FACE DIA.	P.C.D.	NO. OF HOLE	DRILLED HOLE SIZE	TAPPED HOLE SIZE	FLANGE DIA.	FLANGE THICK.	RAISED FACE DIA.	P.C.D.	NO. OF HOLE	DRILLED HOLE SIZE	TAPPED HOLE SIZE	FLANGE DIA.	FLANGE THICK.	RAISED FACE DIA.	P.C.D.	NO. OF HOLE	DRILLED HOLE SIZE	TAPPED HOLE SIZE
		ØD	Tf	ØR	ØW	N	ØM		ØD	Tf	ØR	ØW	N	ØM		ØD	Tf	ØR	ØW	N	ØM	
15	1/2"	120	22.3+7.0	35.1	82.6	4	22.0	3/4"	120	22.3+7.0	35.1	82.6	4	22.0	3/4"	135	30.2+7.0	35.1	88.9	4	22.0	3/4"
20	3/4"	130	25.4+7.0	42.9	88.9	4	22.0	3/4"	130	25.4+7.0	42.9	88.9	4	22.0	3/4"	140	31.8+7.0	42.9	95.2	4	22.0	3/4"
25	1"	150	28.6+7.0	50.8	101.6	4	25.0	7/8"	150	28.6+7.0	50.8	101.6	4	25.0	7/8"	160	35.0+7.0	50.8	108.0	4	25.0	7/8"
32	1-1/4"	160	28.6+7.0	63.5	111.1	4	25.0	7/8"	160	28.6+7.0	63.5	111.1	4	25.0	7/8"	185	38.1+7.0	63.5	130.2	4	29.0	1"
40	1-1/2"	180	31.8+7.0	73.0	123.8	4	29.0	1"	180	31.8+7.0	73.0	123.8	4	29.0	1"	205	44.5+7.0	73.0	146.0	4	32.0	1-1/8"
50	2"	215	38.1+7.0	92.1	165.1	4	25.0	7/8"	215	38.1+7.0	92.1	165.1	8	25.0	7/8"	235	50.9+7.0	92.1	171.4	4	29.0	1"
65	2-1/2"	245	41.3+7.0	104.8	190.5	4	29.0	1"	245	41.3+7.0	104.8	190.5	8	29.0	1"	265	57.2+7.0	104.8	196.8	4	32.0	1-1/8"
80	3"	240	38.1+7.0	127.0	190.5	4	25.0	7/8"	265	47.7+7.0	127.0	203.2	8	32.0	1-1/8"	305	66.7+7.0	127.0	228.6	4	35.0	1-1/4"
100	4"	290	44.5+7.0	157.2	235.0	8	32.0	1-1/8"	310	54.0+7.0	157.2	241.3	8	35.0	1-1/4"	355	76.2+7.0	157.2	273.0	8	41.0	1-1/2"
125	5"	350	50.8+7.0	185.7	279.4	8	35.0	1-1/4"	375	73.1+7.0	185.7	292.1	8	41.0	1-1/2"	420	92.1+7.0	185.7	323.8	8	48.0	1-3/4"
150	6"	380	55.6+7.0	215.9	317.5	8	32.0	1-1/8"	395	82.6+7.0	215.9	317.5	12	38.0	1-3/8"	485	108.0+7.0	215.9	368.3	8	54.0	2"
200	8"	470	63.5+7.0	269.6	393.7	8	38.0	1-3/8"	485	92.1+7.0	269.9	393.7	12	44.0	1-5/8"	550	127.0+7.0	269.6	438.2	8	54.0	2"
250	10"	545	69.9+7.0	323.8	469.9	12	38.0	1-3/8"	585	108.0+7.0	323.8	482.6	12	51.0	1-7/8"	675	165.1+7.0	323.8	539.8	12	67.0	2-1/2"
300	12"	610	79.4+7.0	381.0	533.4	12	38.0	1-3/8"	675	123.9+7.0	381.0	571.5	16	54.0	2"	760	184.2+7.0	381.0	619.1	12	73.0	2-3/4"
350	14"	640	85.8+7.0	412.8	558.8	12	41.0	1-1/2"	750	133.4+7.0	412.8	635.0	16	60.0	2-1/4"							
400	16"	705	88.9+7.0	469.9	616.0	16	44.0	1-5/8"	825	146.1+7.0	469.9	704.8	16	67.0	2-1/2"							
450	18"	785	101.6+7.0	533.4	685.8	16	51.0	1-7/8"	915	162.0+7.0	533.4	774.7	16	73.0	2-3/4"							
500	20"	855	108.0+7.0	584.2	749.3	20	54.0	2"	985	177.8+7.0	584.2	831.8	16	79.0	3"							
600	24"	1040	139.7+7.0	692.2	901.7	20	67.0	2-1/2"	1170	203.2+7.0	692.2	990.6	16	92.0	3-1/2"							



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