



# UNIQUE VALVES INDUSTRIES

## ASME B 16.5 CLASS 150 FLANGE DIMENSION

VALVE SIZE		DIA. OF FLANGE	PITCH CIRCLE DIA.	FLANGE THK.	DIA. OF HOLE	NO. OF HOLES	R. F. DIA.	R.F. THK.
MM	INCH							
15	1/2"	89.0	60.3	11.1	15.8	4	35.0	1.6
20	3/4"	98.5	69.8	12.7	15.8	4	42.8	1.6
25	1"	108.0	79.4	14.3	15.8	4	50.8	1.6
32	1 1/4"	117.5	63.5	15.8	15.8	4	88.9	1.6
40	1 1/2"	127.0	98.4	17.5	15.8	4	73.0	1.6
50	2"	152.4	120.6	19.0	15.0	4	92.0	1.6
65	2 1/2"	177.8	139.7	22.3	19.0	4	104.0	1.6
80	3"	190.5	152.4	23.8	19.0	4	127.0	1.6
100	4"	228.6	190.5	23.8	19.0	8	157.1	1.6
125	5"	254.0	216.0	23.8	22.2	8	185.7	1.6
150	6"	279.4	241.3	25.4	22.2	8	216.0	1.6
200	8"	342.9	298.5	28.5	22.2	8	270.0	1.6
250	10"	406.4	362.0	30.2	25.4	12	323.8	1.6
300	12"	482.6	431.8	31.7	25.4	12	381.0	1.6
350	14"	533.4	476.3	35.0	28.5	12	412.8	1.6
400	16"	596.9	539.8	36.5	28.5	16	470.0	1.6
450	18"	635.0	577.9	39.6	31.8	16	533.4	1.6
500	20"	698.5	635.0	43.0	31.8	20	584.2	1.6

## ASME B 16.5 CLASS 300 FLANGE DIMENSION

VALVE SIZE		DIA. OF FLANGE	PITCH CIRCLE DIA.	FLANGE THK.	DIA. OF HOLE	NO. OF HOLES	R. F. DIA.	R.F. THK.
MM	INCH							
15	1/2"	95.3	66.5	14.2	15.8	4	34.9	1.6
20	3/4"	117.5	82.5	15.8	19.0	4	42.8	1.6
25	1"	124.0	89.0	17.5	19.0	4	50.8	1.6
32	1 1/4"	133.4	98.5	19.0	19.0	4	63.5	1.6
40	1 1/2"	155.5	114.3	20.6	22.2	4	73.0	1.6
50	2"	165.0	127.0	22.2	19.0	8	92.0	1.6
65	2 1/2"	190.5	149.3	25.4	22.2	8	104.8	1.6
80	3"	209.5	168.1	28.5	22.2	8	127.0	1.6
100	4"	254.0	200.0	31.8	22.2	8	157.0	1.6
125	5"	279.4	235.0	35.0	22.2	8	185.7	1.6
150	6"	317.5	270.0	36.5	22.2	12	216.0	1.6
200	8"	381.0	330.0	41.3	25.4	12	270.0	1.6
250	10"	445	387.4	47.6	28.5	16	323.8	1.6
300	12"	520.7	451.0	50.8	31.8	16	381.0	1.6
350	14"	584.2	541.4	54.0	31.8	20	412.8	1.6
400	16"	647.7	571.5	57.0	35.0	20	470.0	1.6
450	18"	711.2	628.0	60.5	35.0	24	533.4	1.6
500	20"	774.7	635.0	63.5	35.0	24	584.2	1.6

## ASME B 16.5 CLASS 600 FLANGE DIMENSION

VALVE SIZE		DIA. OF FLANGE	PITCH CIRCLE DIA.	FLANGE THK.	DIA. OF HOLE	NO. OF HOLES	R. F. DIA.	R.F. THK.
MM	INCH							
15	1/2"	95.3	66.5	14.2	15.8	4	34.9	6.35
20	3/4"	117.5	82.5	15.8	19.0	4	42.8	6.35
25	1"	124.0	89.0	17.5	19.0	4	50.8	6.35
32	1 1/4"	133.4	98.5	20.3	19.0	4	63.5	6.35
40	1 1/2"	155.5	114.3	22.2	22.2	4	73.0	6.35
50	2"	165.0	127.0	25.4	19.0	8	92.0	6.35
65	2 1/2"	190.5	149.3	28.4	22.2	8	104.8	6.35
80	3"	210.0	168.1	31.7	22.2	8	127.0	6.35
100	4"	273.0	216.0	38.1	25.4	8	157.0	6.35
125	5"	330.0	266.7	44.5	28.5	8	185.7	6.35
150	6"	355.6	292.1	47.6	25.5	12	216.0	6.35
200	8"	419.0	349.2	55.5	31.8	12	270.0	6.35
250	10"	508.0	431.8	63.5	35.0	16	323.8	6.35
300	12"	558.8	489.0	66.5	35.0	20	381.0	6.35
350	14"	603.2	527.0	70.0	38.0	20	412.8	6.35
400	16"	685.8	603.2	76.2	41.2	20	470.0	6.35
450	18"	743.0	654.0	82.5	44.5	24	533.4	6.35
500	20"	812.8	724.0	88.9	44.5	24	584.2	6.35

## ASME B 16.5 CLASS 900 FLANGE DIMENSION

VALVE SIZE		DIA. OF FLANGE	PITCH CIRCLE DIA. (P.C.D)	FLANGE THK.	DIA. OF HOLE	NO. OF HOLES	R. F. DIA.	R.F. THK.
MM	INCH							
15	1/2"	120.6	82.5	22.2	22.2	4	35.0	6.35
20	3/4"	130.2	89.0	25.4	22.2	4	42.8	6.35
25	1"	149.2	101.0	28.6	25.4	4	50.8	6.35
32	1 1/4"	159.0	111.0	28.6	25.4	4	63.5	6.35
40	1 1/2"	178.0	123.8	31.8	28.6	4	73.0	6.35
50	2"	216.0	165.0	38.1	25.4	8	92.0	6.35
65	2 1/2"	244.5	190.5	41.3	28.6	8	104.8	6.35
80	3"	241.3	190.5	38.1	25.4	8	127.0	6.35
100	4"	292.0	234.9	44.5	31.8	8	157.0	6.35
125	5"	349.2	279.4	50.8	34.9	8	185.7	6.35
150	6"	381.0	317.5	55.6	31.8	12	216.0	6.35
200	8"	470.0	393.5	63.5	38.0	12	270.0	6.35
250	10"	546.0	470.0	70.0	38.0	16	323.8	6.35
300	12"	610.0	533.5	79.4	38.0	20	381.0	6.35
350	14"	641.0	559.0	85.8	41.2	20	412.8	6.35
400	16"	705.0	616.0	89.0	44.4	20	470.0	6.35
450	18"	787.0	686.0	101.5	50.8	20	533.4	6.35
500	20"	857.0	749.5	108.0	54.0	20	584.2	6.35

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