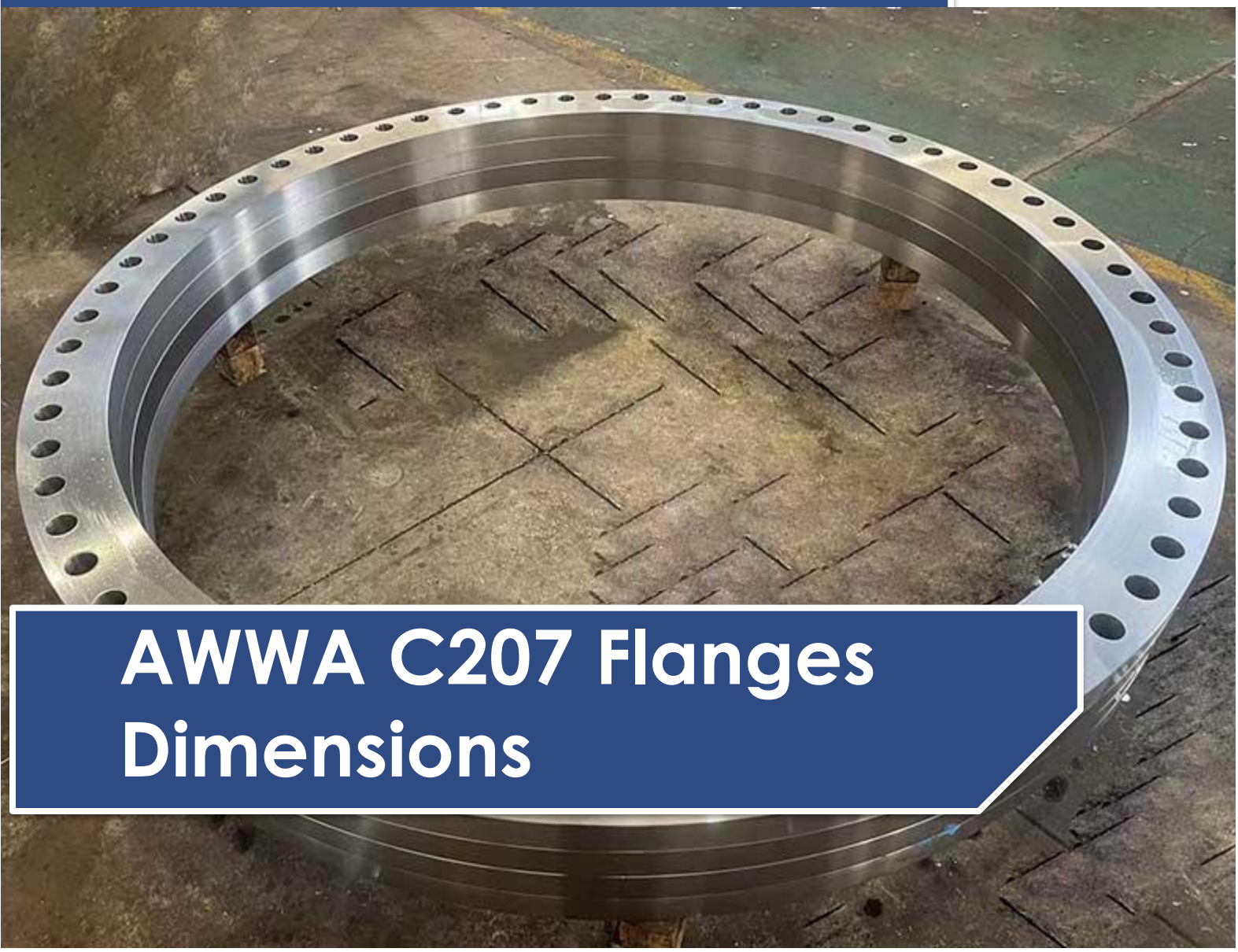

AWWA C207 Flanges Dimensions

Shikhar Steel	IBR Approved	Manufacturer in India
Email: sales@shikharsteel.com **Website**: www.shikharsteel.com	**Address**: 62/64, 2nd Kumbharwada, Sant Sena Maharaj Marg, Mumbai.	SHIKHAR STEEL CORPORATION ISO 9001:2008 Certified Co.

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SHIKHAR STEEL CORPORATION
ISO 9001:2008 Certified Co.
JAS-ANZ

Shikhar steel is experienced AWWA C207 flanges manufacturer in india who offer load-bearing flanges for heavy applications.

www.shikharsteel.com

AWWA C207 D Flange Manufacturer in India, Since 2014

AWWA C207 Flanges Specification

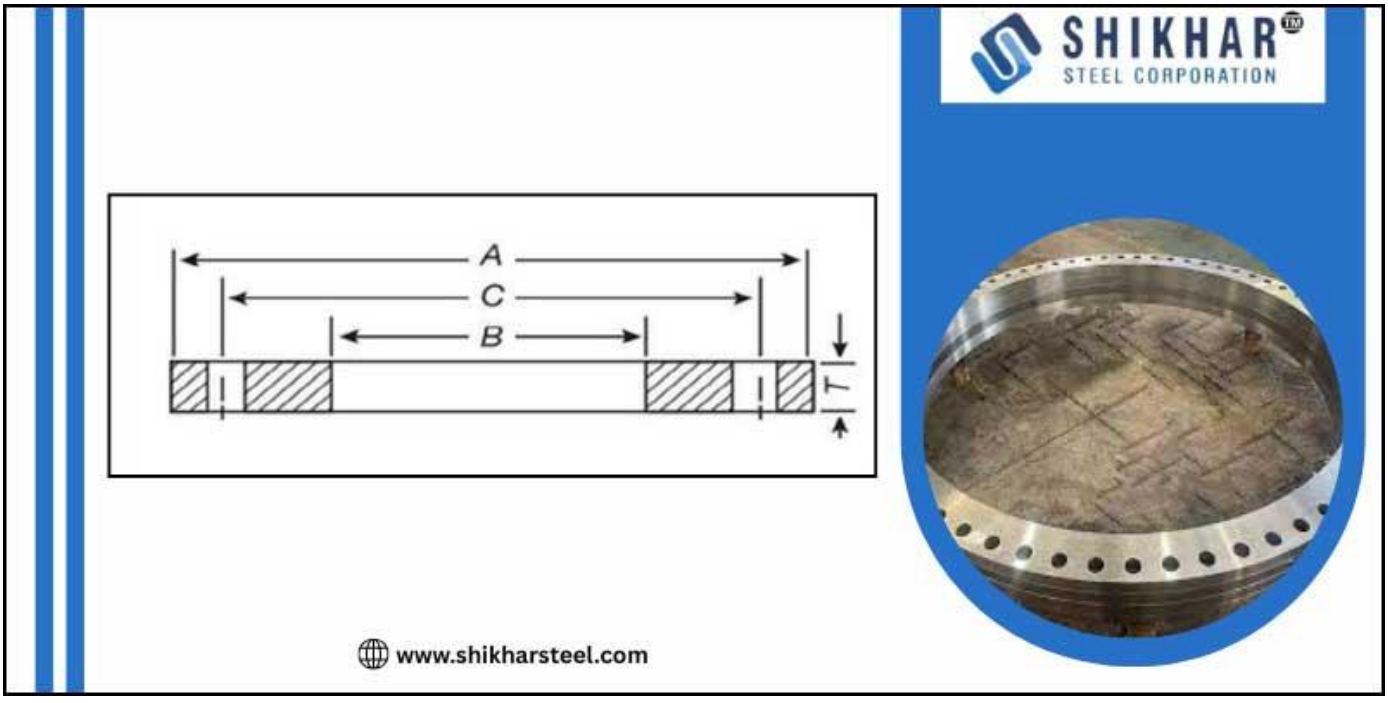
Standard: AWWA C207	**Size Range:** 100mm - 3600mm	**Pressure Class:** 86 - 300 PSI
Facing: Flat Face (FF)	**Coating:** Anti-Rust Oil Coating PE coating	**Testing:** PMI Test Shell Pressure Test Radiography
Bolts Holes: 8 to 84	**Material:** Asbestos-cement Ductile iron Concrete Stainless Steel	**Installations:** Plant piping Waterworks Waste water

Specialize in AWWA C207 Blind Flange for Water

AWWA C207 Flange Applications

Don't Forget to Check AWWA Flanges Dimensions in B/ E/ F

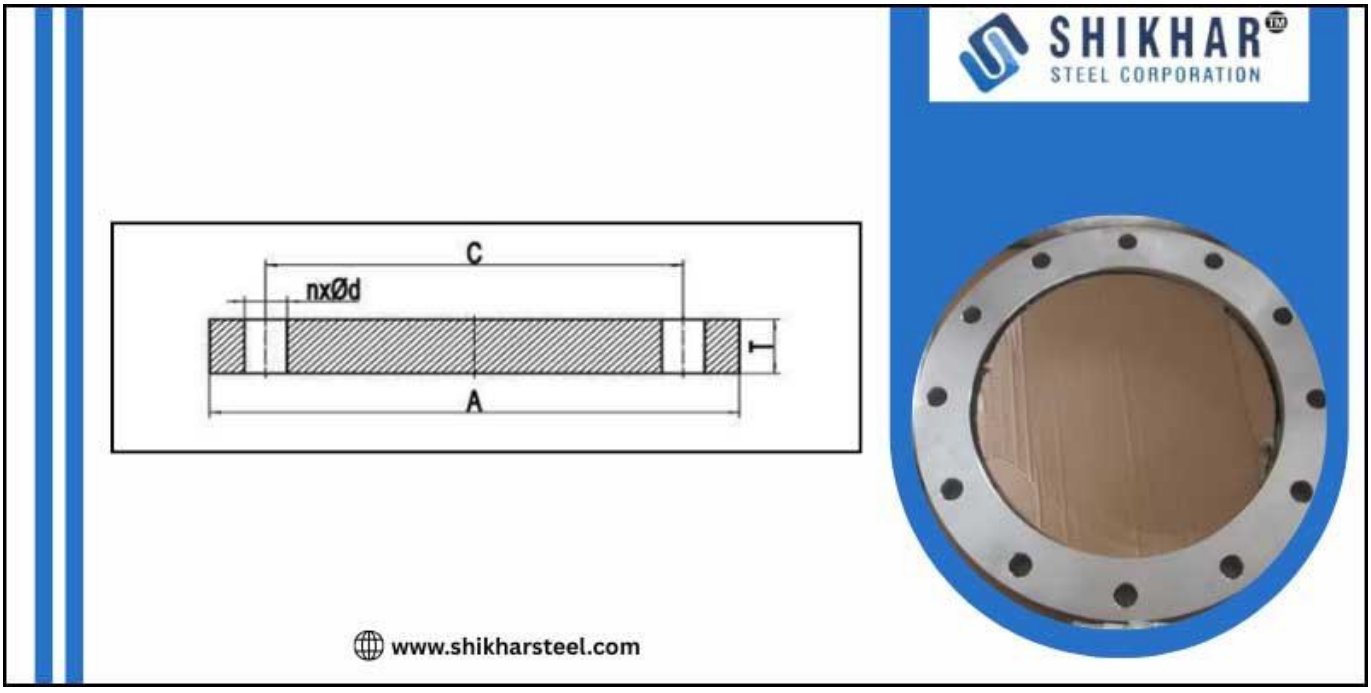
Dimensions of AWWA C207 Class B Flange



Size (Inch)	I.D (B)	Thickness (T)	O.D(A)
90	90.19	2.250	106.50
84	84.19	2.000	99.75
78	78.19	2.000	93.00
72	72.19	1.750	86.50
66	66.19	1.625	80.00
60	60.19	1.500	73.00
52	52.19	1.250	64.00
50	50.19	1.250	61.75
48	48.19	1.250	59.50
46	46.19	1.125	57.25
44	44.19	1.125	55.25
42	42.19	1.125	53.00
36	36.19	1.000	46.00
40	40.19	1.000	50.75
34	34.19	0.938	43.75
28	28.19	0.875	36.50
30	30.19	0.875	38.75
32	32.19	0.938	41.75
12	12.88	0.688	19.00
14	14.19	0.688	21.00
16	16.19	0.688	23.50

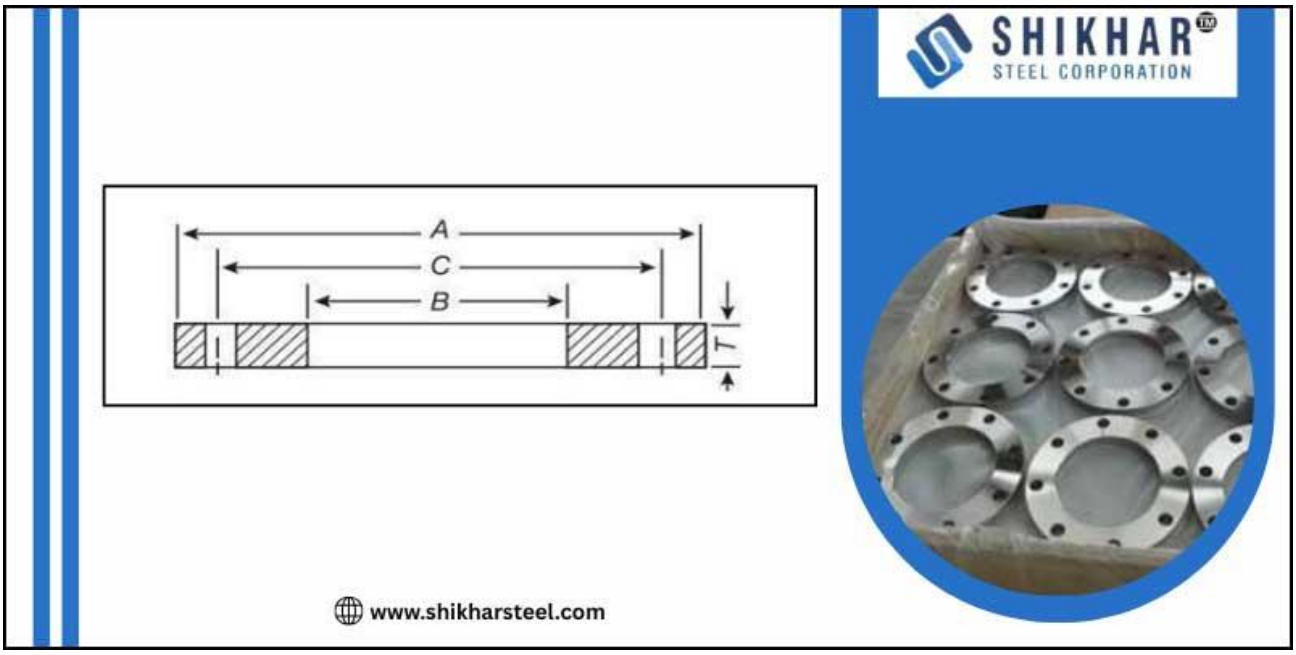
Size (Inch)	I.D (B)	Thickness (T)	O.D(A)
20	20.19	0.688	27.50
22	22.19	0.750	29.50
24	24.19	0.750	32.00
26	26.19	0.812	34.25
4	4.57	0.625	9.00
5	5.66	0.625	10.00
6	6.72	0.688	11.00
8	8.72	0.688	13.50
10	10.88	0.688	16.00

AWWA C207 Class E Flange Dimensions



NPS	d	n	T	A	C
54	1.750	44	4.651	66.25	62.75
28	1.250	28	2.750	36.50	34.00
60	1.750	52	5.116	73.00	69.25
26	1.250	24	2.750	34.25	31.75
36	1.500	32	3.209	46.00	42.75
14	1.000	12	1.875	21.00	18.75
18	1.125	16	2.125	25.00	22.75
40	1.500	36	3.533	50.75	47.25
66	1.750	52	5.601	80.00	76.00
72	1.750	60	6.066	86.50	82.50
10	0.875	12	1.563	16.00	14.25
12	0.875	12	1.750	19.00	17.00
30	1.250	28	2.875	38.75	36.00
32	1.500	28	2.875	41.75	38.50
20	1.125	20	2.375	27.50	25.00
22	1.250	20	2.500	29.50	27.25
24	1.250	20	2.625	32.00	29.50
48	1.500	44	4.159	59.50	56.00
50	1.750	44	4.327	61.75	58.25
52	1.750	44	4.489	64.00	60.50
4	0.625	8	1.125	9.00	7.50
5	0.750	8	1.188	10.00	8.50
6	0.750	8	1.313	11.00	9.50
8	0.750	8	1.500	13.50	11.75

AWWA C207 Class F Flange Dimensions



NPS	n	T	C	A	B
4	8	1.13	7.88	10.00	4.57
5	8	1.21	9.25	11.00	5.66
6	12	1.31	10.62	12.50	6.73
8	12	1.31	13.00	15.00	8.73
10	16	1.50	15.25	17.50	10.88
12	16	1.63	17.75	20.50	12.88
16	20	2.14	22.50	25.50	16.19
18	24	2.25	24.75	28.00	18.19
20	24	2.33	27.00	30.50	20.19
22	24	2.50	29.25	33.00	22.19
24	24	2.69	32.00	36.00	24.19
28	28	3.13	37.00	40.75	28.19
32	28	3.25	41.50	45.25	32.19

NPS	n	T	C	A	B
38	32	3.50	48.00	52.25	38.19
40	36	3.63	50.25	54.25	40.19
44	36	4.00	55.00	59.25	44.19
46	40	4.13	57.25	61.50	46.19
48	40	4.50	60.75	65.00	48.19

AWWA C207 Slip on Flange Supplier in Mumbai as per American Sourced Raw Material

Coatings of AWWA C207 Class E Flange

Find AWWA C207 Class D Ring Flange Suitable Temperature and Weight

Weight Chart of AWWA C207 Class F Flange

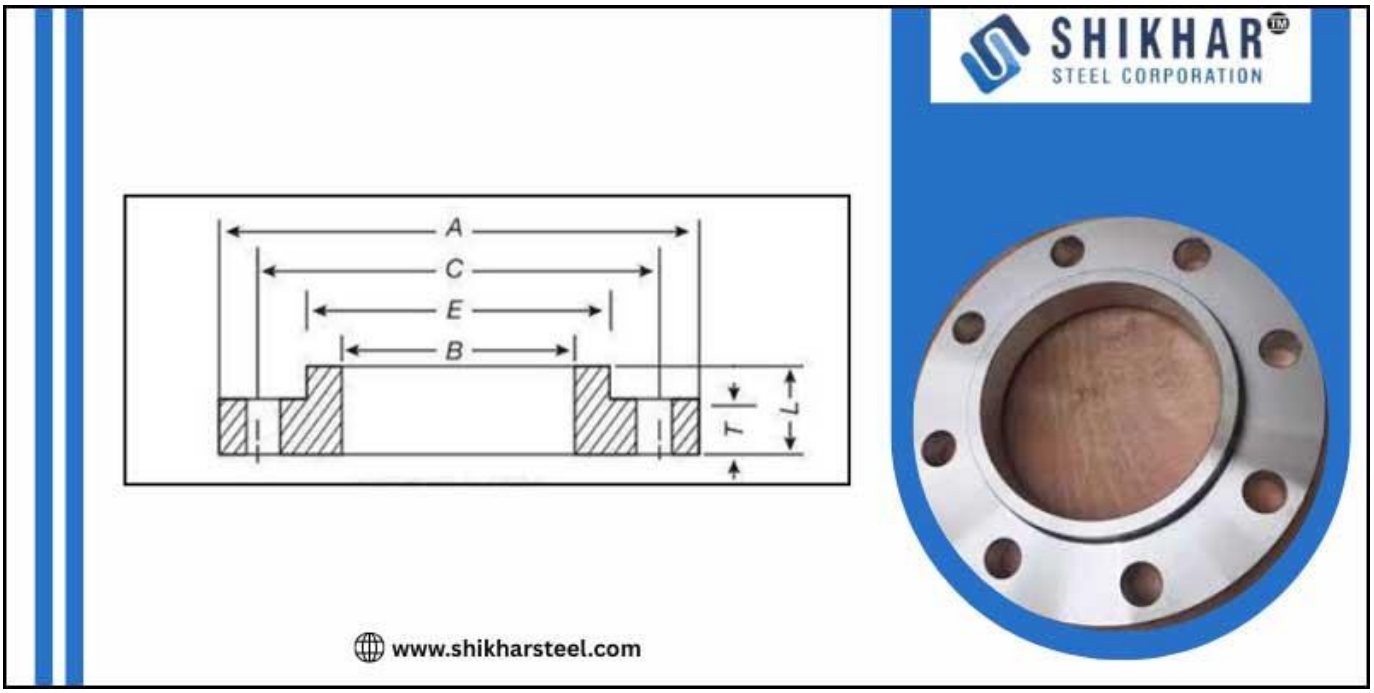
NPS	Ring Flange Weight (Kg)	Blind Flange Weight (Kg)
4	8.33	10.72
5	10.13	14.04
6	13.47	19.46
8	18.10	28.19
10	25.40	43.34
12	37.77	65.09
14	58.09	97.56
16	75.74	132.41
18	92.69	167.91
20	112.34	208.30
22	139.23	263.60
24	175.97	335.00
26	205.71	413.61
28	242.69	493.99
30	267.05	559.95
32	299.77	656.15
34	337.68	757.58
36	365.58	873.63
38	398.55	996.58

Weight Chart of AWWA C207 Class E Flange

NPS	Hub Flange Weight (Kg)	Ring Flange Weight (Kg)
84	1174.42	1234.84
90	1389.85	1451.89
54	464.91	491.71
10	17.02	19.84
36	205.26	227.89
38	239.56	263.19
60	569.14	596.39
72	872.51	910.52
20	63.28	76.15
22	73.34	85.89
24	89.49	106.40
26	106.82	122.74
28	121.94	134.65
30	137.71	156.04
78	1035.01	1078.02
12	26.99	32.37
14	35.31	42.52
18	49.77	57.78
32	170.11	191.84
42	294.37	318.46
44	312.46	339.00
46	332.88	360.70
50	375.46	402.89
52	418.73	445.91
96	1558.52	1640.90

NPS	Hub Flange Weight (Kg)	Ring Flange Weight (Kg)
6	7.73	9.25
8	12.50	15.17
4	5.55	6.32
5	6.34	7.42

AWWA C207 Class D Flange Dimensions



NPS (Inch)	Thickness (T)	Hub Diameter (E)	Through Hub Length (L)	O.D (A)	I.D (B)	Bolt Circle Dia. (C)
4	0.500	5.312	0.875	9.00	4.57	7.50
5	0.562	6.312	1.250	10.00	5.66	8.50
6	0.562	7.562	1.250	11.00	6.72	9.50
8	0.562	9.688	1.250	13.50	8.72	11.75

NPS (Inch)	Thickness (T)	Hub Diameter (E)	Through Hub Length (L)	O.D (A)	I.D (B)	Bolt Circle Dia. (C)
12	0.688	14.375	1.250	19.00	12.88	17.00
14	0.750	15.750	1.250	21.00	14.19	18.75
16	0.750	18.000	1.250	23.50	16.19	21.25
18	0.750	19.875	1.250	25.00	18.19	22.75
20	0.750	22.000	1.250	27.50	20.19	25.00
22	1.000	24.250	1.750	29.50	22.19	27.25
24	1.000	26.125	1.750	32.00	24.19	29.50
26	1.000	28.500	1.750	34.25	26.19	31.75
28	1.000	30.500	1.750	36.50	28.19	34.00
30	1.000	32.500	1.750	38.75	30.19	36.00
32	1.125	34.750	1.750	41.75	32.19	38.50
34	1.125	36.750	1.750	43.75	34.19	40.50
36	1.125	38.750	1.750	46.00	36.19	42.75
38	1.125	40.750	1.750	48.75	38.19	45.25
40	1.125	43.000	1.750	50.75	40.19	47.25
42	1.250	45.000	1.750	53.00	42.19	49.50

Weight Chart of AWWA C207 Class B Blind Flange

Size (Inch)	Class B Ring Flange (Weight Kg)	Class B Blind Flange (Weight Kg)
22	25.77	95.20
14	15.60	34.03
16	18.76	47.94

Size (Inch)	Class B Ring Flange (Weight Kg)	Class B Blind Flange (Weight Kg)
18	18.71	57.59
24	30.39	121.16
38	84.22	429.10
48	139.15	790.48
26	36.24	148.91
30	47.49	216.17
50	143.89	878.57
10	8.73	16.96
12	12.73	25.35
20	22.06	76.18
40	87.42	484.43
32	59.98	266.61
34	62.60	307.03
36	72.92	359.39
42	106.15	554.70
44	113.00	629.41
46	118.03	703.11
4	3.51	4.83
5	3.90	5.93
6	4.85	7.98
8	6.96	12.24

Dimensions of AWWA C207 Gasket

Size	Gaskets Thickness (MM)	Face Type	AWWA C207	W-king Pressure (PSI)	Type Of Gaskets
26 - 144 Inch	3.18	Ring Type	Class B	86	Rubber
4 - 12 Inch	1.59 - 3.18	Flat Face	Class D	175	Rubber
26 - 48 Inch	3.18	Ring Type	Class F	300	Nonasbes-s
4 - 24 Inch	1.59	Ring Type	Class F	300	Nonasbes-s
14 - 24 Inch	1.59	Ring Type	Class E	150	Rubber
26 - 144 Inch	3.18	Ring Type	Class E	275	Nonasbes-s
14 - 24 Inch	1.59 - 3.18	Flat Face	Class D	150	Rubber
26 - 144 Inch	3.18	Ring Type	Class D	150	Rubber
4 - 12 Inch	1.59	Ring Type	Class E	175	Rubber
4 - 24 Inch	1.59	Ring Type	Class E	275	Nonasbes-s

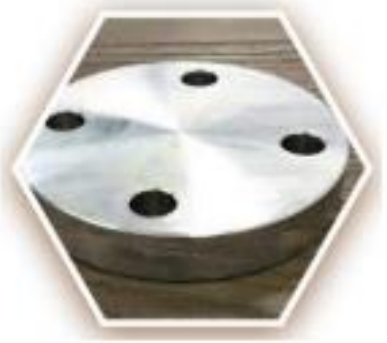
Types of AWWA C207 Flanges

AWWA C207 Ring Flange

AWWA C207 Blind Flange

AWWA C207 Class D Slip On Flange

AWWA C207 Class D Hub Flange



AWWA C207 Class D Blind Flange

AWWA C207 Class F Flange

AWWA C207 Weld Neck Flange

AWWA C207 Class D Puddle Flanges

AWWA C207 Orifice Flange

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