

ANSI B16-5 FLANGE

ASME B16.5 Welding Neck Flanges

Dimension B corresponds to the pipe inside diameter.Values quoted assume 40S/Standard wall thickness. Weights are based on manufacturer’s data and are approximate. Flat face flanges may be provided at full thickness,C,...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	ANSI B16-5 Flange
Standard	DIN
Material	Carbon steel
Weight / Size	Dimension B corresponds to the pipe inside diameter.Values quoted assume...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	ANSI B16-5 Flange	Model / SKU	ASME-B16-5-Welding-Neck-Flanges
Standard	DIN	Material	Carbon steel
Weight / Size	Dimension B corresponds to the pipe inside diameter.Values quoted assume 40S/Standard wall thickness.	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

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■ Specification:

China ASME B16.5 Welding Neck Flanges:

Dimension B corresponds to the pipe inside diameter.Values quoted assume 40S/Standard wall thickness.

Weights are based on manufacturer’s data and are approximate.

Flat face flanges may be provided at full thickness,C,or with raised face removed (the latter is nonstandard).

Specification:

Pipe Welding Neck Flange		Flange Data				Hub Data		Raised Face	Drilling Data		
Nomin al Pipe Size	Outside Diameter	A	B	C	D	E	F	G	H	I	J
		Overa ll Diam eter	Inside Diameter	Flange Thickn ess min	Over all Leng th	Diam eter at Weld Bevel	Hub Diam eter	Face Diamete r	Num ber of Holes	Bolt Hole Diam eter	Diameter of Circle of Holes
	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm
1/2	0.84	3.5	0.62	0.44	1.88	0.84	1.19	1.38	4	0.62	2.38
	21.3	88.9	15.7	11.2	47.8	21.3	30.2	35		15.7	60.45
3/4	1.05	3.88	0.82	0.5	2.06	1.05	1.5	1.69	4	0.62	2.75
	26.7	98.6	20.8	12.7	52.3	26.7	38.1	42.9		15.7	69.85
1	1.315	4.25	1.05	0.56	2.19	1.32	1.94	2	4	0.62	3.12
	33.4	108	26.7	14.2	55.6	33.5	49.3	50.8		15.7	79.25
1 1/4	1.66	4.62	117.3	0.62	15.7	57.15	2.31	2.5	4	0.62	3.5
	42.2	117.3	1.38	15.7	2.25	1.66	58.7	63.5		15.7	88.9
1 1/2	1.9	5	1.61	0.69	2.44	1.9	2.56	2.88	4	0.62	3.88
	48.3	127	40.9	17.5	62	48.3	65	73.15		15.7	98.6
2	2.375	6	2.07	0.75	2.5	2.38	3.06	3.62	4	0.75	4.75
	60.3	152.4	52.6	19.1	63.5	60.45	77.7	91.9		19.1	120.7
2 1/2	2.875	7	2.47	0.88	2.75	2.88	3.56	4.12	4	0.75	5.5
	73	177.8	62.7	22.4	69.8 5	73.15	90.4	104.6		19.1	139.7

3	3.5	7.5	3.07	0.94	2.75	3.5	4.25	5	4	0.75	6
	88.9	190.5	78	23.9	69.8 5	88.9	108	127		19.1	152.4
3 1/2	4	8.5	3.55	0.94	2.81	4	4.81	5.5	8	0.75	7
	101.6	215.9	90.2	23.9	71.4	101.6	122.2	139.7		19.1	177.8
4	4.5	9	4.03	0.94	3	4.5	5.31	6.19	8	0.75	7.5
	114.3	228.6	102.4	23.9	76.2	114.3	134.9	157.2		19.1	190.5
5	5.563	10	5.05	0.94	3.5	5.56	6.44	7.31	8	0.88	8.5
	141.3	254	128.3	23.9	88.9	141.2	163.6	185.7		22.4	215.9
6	6.625	11	6.07	1	3.5	6.63	7.56	8.5	8	0.88	9.5
	168.3	279.4	154.2	25.4	88.9	168.4	192	215.9		22.4	241.3
8	8.625	13.5	7.98	1.12	4	8.63	9.69	10.62	8	0.88	11.75
	219.1	342.9	202.7	28.4	101. 6	219.2	246.1	269.7		22.4	298.5
10	10.75	16	10.02	1.19	4	10.75	12	12.75	12	1	14.25
	273	406.4	254.5	30.2	101. 6	273	304.8	323.9		25.4	362
12	12.75	19	12	1.25	4.5	12.75	14.38	15	12	1	17
	323.8	482.6	304.8	31.75	114. 3	323.8	365.3	381		25.4	431.8

14	14	21	To be specified by Purchaser	1.38	5	14	15.75	16.25	12	1.12	18.75
	355.6	533.4		35.1	127	355.6	400.1	412.7		28.4	476.3
16	16	23.5		1.44	5	16	18	18.5	16	1.12	21.25
	406.4	596.9		36.6	127	406.4	457.2	469.9		28.4	539.8
18	18	25		1.56	5.5	18	19.88	21	16	1.25	22.75
	457.2	635		39.6	139.7	457.2	505	533.4		31.75	577.9
20	20	27.5		1.69	5.69	20	22	23	20	1.25	25
	508	698.5		42.9	144.5	508	558.8	584.2		31.75	635
24	24	32		1.88	6	24	26.12	27.25	20	1.38	29.5
	609.6	812.8		47.8	152.4	609.6	663.4	692.1		35.1	749.3