



# ESAU OILFIELD SUPPLIES COMPANY LIMITED

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## FLANGE DIMENSIONS

Nom. Pipe Size	150 LB. FLANGES							
			Length Thru Hub (2)			Bolting Information		
	O.D.	Thick (2)	WN (1)	SO/TH	LJ	Bolt Circle	# of Holes	B.H. Size
1/2	3.5000	0.4375	1.8750	0.6250	0.6250	2.3750	4	5/8
3/4	3.8750	0.5000	2.0625	0.6250	0.6250	2.7500	4	5/8
1	4.2500	0.5625	2.1875	0.6875	0.6875	3.1250	4	5/8
1 1/4	4.6250	0.6250	2.2500	0.8125	0.8125	3.5000	4	5/8
1 1/2	5.0000	0.6875	2.4375	0.8750	0.8750	3.8750	4	5/8
2	6.0000	0.7500	2.5000	1.0000	1.0000	4.7500	4	3/4
2 1/2	7.0000	0.8750	2.7500	1.1250	1.1250	5.5000	4	3/4
3	7.5000	0.9375	2.7500	1.1875	1.1875	6.0000	4	3/4
3 1/2	8.5000	0.9375	2.8125	1.2500	1.2500	7.0000	8	3/4
4	9.0000	0.9375	3.0000	1.3125	1.3125	7.5000	8	3/4
5	10.0000	0.9375	3.5000	1.4375	1.4375	8.5000	8	7/8
6	11.0000	1.0000	3.5000	1.5625	1.5625	9.5000	8	7/8
8	13.5000	1.1250	4.0000	1.7500	1.7500	11.7500	8	7/8
10	16.0000	1.1875	4.0000	1.9375	1.9375	14.2500	12	1
12	19.0000	1.2500	4.5000	2.1875	2.1875	17.0000	12	1
14	21.0000	1.3750	5.0000	2.2500	3.1250	18.7500	12	1 1/8
16	23.5000	1.4375	5.0000	2.5000	3.4375	21.2500	16	1 1/8
18	25.0000	1.5625	5.5000	2.6875	3.8125	22.7500	16	1 1/4
20	27.5000	1.6875	5.6875	2.8750	4.0625	25.0000	20	1 1/4
24	32.0000	1.8750	6.0000	3.2500	4.3750	29.5000	20	1 3/8

Nom. Pipe Size	300 LB. FLANGES							
			Length Thru Hub (2)			Bolting Information		
	O.D.	Thick (2)	WN (1)	SO/TH	LJ	Bolt Circle	# of Holes	B.H. Size
1/2	3.7500	0.5625	2.0625	0.8750	0.8750	2.6250	4	5/8
3/4	4.6250	0.6250	2.2500	1.0000	1.0000	3.2500	4	3/4
1	4.8750	0.6875	2.4375	1.0625	1.0625	3.5000	4	3/4
1 1/4	5.2500	0.7500	2.5625	1.0625	1.0625	3.8750	4	3/4
1 1/2	6.1250	0.8125	2.6875	1.1875	1.1875	4.5000	4	7/8
2	6.5000	0.8750	2.7500	1.3125	1.3125	5.0000	8	3/4
2 1/2	7.5000	1.0000	3.0000	1.5000	1.5000	5.8750	8	7/8
3	8.2500	1.1250	3.1250	1.6875	1.6875	6.6250	8	7/8
3 1/2	9.0000	1.1875	3.1875	1.7500	1.7500	7.2500	8	7/8
4	10.0000	1.2500	3.3750	1.8750	1.8750	7.8750	8	7/8
5	11.0000	1.3750	3.8750	2.0000	2.0000	9.2500	8	7/8
6	12.5000	1.4375	3.8750	2.0625	2.0625	10.6250	12	7/8
8	15.0000	1.6250	4.3750	2.4375	2.4375	13.0000	12	1
10	17.5000	1.8750	4.6250	2.6250	3.7500	15.2500	16	1 1/8
12	20.5000	2.0000	5.1250	2.8750	4.0000	17.7500	16	1 1/4
14	23.0000	2.1250	5.6250	3.0000	4.3750	20.2500	20	1 1/4
16	25.5000	2.2500	5.7500	3.2500	4.7500	22.5000	20	1 3/8
18	28.0000	2.3750	6.2500	3.5000	5.1250	24.7500	24	1 3/8
20	30.5000	2.5000	6.3750	3.7500	5.5000	27.0000	24	1 3/8
24	36.0000	2.7500	6.6250	4.1875	6.0000	32.0000	24	1 5/8



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## FLANGE DIMENSIONS

Nom. Pipe Size	400 LB. FLANGES								
			Length Thru Hub (2)			Bolting Information			
	O.D.	Thick (2)	WN (1)	SO/TH	LJ	Bolt Circle	# of Holes	B.H. Size	
1/2	3.7500	0.5625	2.0625	0.8750	0.8750	2.6250	4	5/8	
3/4	4.6250	0.6250	2.2500	1.0000	1.0000	3.2500	4	3/4	
1	4.8750	0.6875	2.4375	1.0625	1.0625	3.5000	4	3/4	
1 1/4	5.2500	0.8125	2.6250	1.1250	1.1250	3.8750	4	3/4	
1 1/2	6.1250	0.8750	2.7500	1.2500	1.2500	4.5000	4	7/8	
2	6.5000	1.0000	2.8750	1.4375	1.4375	5.0000	8	3/4	
2 1/2	7.5000	1.1250	3.1250	1.6250	1.6250	5.8750	8	7/8	
3	8.2500	1.2500	3.2500	1.8125	1.8125	6.6250	8	7/8	
3 1/2	9.0000	1.3750	3.3750	1.9375	1.9375	7.2500	8	1	
4	10.0000	1.3750	3.5000	2.0000	2.0000	7.8750	8	1	
5	11.0000	1.5000	4.0000	2.1250	2.1250	9.2500	8	1	
6	12.5000	1.6250	4.0625	2.2500	2.2500	10.6250	12	1	
8	15.0000	1.8750	4.6250	2.6875	2.6875	13.0000	12	1 1/8	
10	17.5000	2.1250	4.8750	2.8750	4.0000	15.2500	16	1 1/4	
12	20.5000	2.2500	5.3750	3.1250	4.2500	17.7500	16	1 3/8	
14	23.0000	2.3750	5.8750	3.3125	4.6250	20.2500	20	1 3/8	
16	25.5000	2.5000	6.0000	3.6875	5.0000	22.5000	20	1 1/2	
18	28.0000	2.6250	6.5000	3.8750	5.3750	24.7500	24	1 1/2	
20	30.5000	2.7500	6.6250	4.0000	5.7500	27.0000	24	1 5/8	
24	36.0000	3.0000	6.8750	4.5000	6.2500	32.0000	24	1 7/8	

Nom. Pipe Size	600 LB. FLANGES								
			Length Thru Hub (2)			Bolting Information			
	O.D.	Thick (2)	WN (1)	SO/TH	LJ	Bolt Circle	# of Holes	B.H. Size	
1/2	3.7500	0.5625	2.0625	0.8750	0.8750	2.6250	4	5/8	
3/4	4.6250	0.6250	2.2500	1.0000	1.0000	3.2500	4	3/4	
1	4.8750	0.6875	2.4375	1.0625	1.0625	3.5000	4	3/4	
1 1/4	5.2500	0.8125	2.6250	1.1250	1.1250	3.8750	4	3/4	
1 1/2	6.1250	0.8750	2.7500	1.2500	1.2500	4.5000	4	7/8	
2	6.5000	1.0000	2.8750	1.4375	1.4375	5.0000	8	3/4	
2 1/2	7.5000	1.1250	3.1250	1.6250	1.6250	5.8750	8	7/8	
3	8.2500	1.2500	3.2500	1.8125	1.8125	6.6250	8	7/8	
3 1/2	9.0000	1.3750	3.3750	1.9375	1.9375	7.2500	8	1	
4	10.7500	1.5000	4.0000	2.1250	2.1250	8.5000	8	1	
5	13.0000	1.7500	4.5000	2.3750	2.3750	10.5000	8	1 1/8	
6	14.0000	1.8750	4.6250	2.6250	2.6250	11.5000	12	1 1/8	
8	16.5000	2.1875	5.2500	3.0000	3.0000	13.7500	12	1 1/4	
10	20.0000	2.5000	6.0000	3.3750	4.3750	17.0000	16	1 3/8	
12	22.0000	2.6250	6.1250	3.6250	4.6250	19.2500	20	1 3/8	
14	23.7500	2.7500	6.5000	3.6875	5.0000	20.7500	20	1 1/2	
16	27.0000	3.0000	7.0000	4.1875	5.5000	23.7500	20	1 5/8	
18	29.2500	3.2500	7.2500	4.6250	6.0000	25.7500	20	1 3/4	
20	32.0000	3.5000	7.5000	5.0000	6.5000	28.5000	24	1 3/4	
24	37.0000	4.0000	8.0000	5.5000	7.2500	33.0000	24	2	



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## FLANGE DIMENSIONS

Nom. Pipe Size	900 LB. FLANGES							
			Length Thru Hub (2)			Bolting Information		
	O.D.	Thick (2)	WN (1)	SO/TH	LJ	Bolt Circle	# of Holes	B.H. Size
1/2	4.7500	0.8750	2.3750	1.2500	1.2500	3.2500	4	7/8
3/4	5.1250	1.0000	2.7500	1.3750	1.3750	3.5000	4	7/8
1	5.8750	1.1250	2.8750	1.6250	1.6250	4.0000	4	1
1 1/4	6.2500	1.1250	2.8750	1.6250	1.6250	4.3750	4	1
1 1/2	7.0000	1.2500	3.2500	1.7500	1.7500	4.8750	4	1 1/8
2	8.5000	1.5000	4.0000	2.2500	2.2500	6.5000	8	1
2 1/2	9.6250	1.6250	4.1250	2.5000	2.5000	7.5000	8	1 1/8
3	9.5000	1.5000	4.0000	2.1250	2.1250	7.5000	8	1
4	11.5000	1.7500	4.5000	2.7500	2.7500	9.2500	8	1 1/4
5	13.7500	2.0000	5.0000	3.1250	3.1250	11.0000	8	1 3/8
6	15.0000	2.1875	5.5000	3.3750	3.3750	12.5000	12	1 1/4
8	18.5000	2.5000	6.3750	4.0000	4.5000	15.5000	12	1 1/2
10	21.5000	2.7500	7.2500	4.2500	5.0000	18.5000	16	1 1/2
12	24.0000	3.1250	7.8750	4.6250	5.6250	21.0000	20	1 1/2
14	25.2500	3.3750	8.3750	5.1250	6.1250	22.0000	20	1 5/8
16	27.7500	3.5000	8.5000	5.2500	6.5000	24.2500	20	1 3/4
18	31.0000	4.0000	9.0000	6.0000	7.5000	27.0000	20	2
20	33.7500	4.2500	9.7500	6.2500	8.2500	29.5000	20	2 1/8
24	41.0000	5.5000	11.5000	8.0000	10.5000	35.5000	20	2 5/8

Nom. Pipe Size	1500 LB. FLANGES							
			Length Thru Hub (2)			Bolting Information		
	O.D.	Thick (2)	WN (1)	SO/TH	LJ	Bolt Circle	# of Holes	B.H. Size
1/2	4.7500	0.8750	2.3750	1.2500	1.2500	3.2500	4	7/8
3/4	5.1250	1.0000	2.7500	1.3750	1.3750	3.5000	4	7/8
1	5.8750	1.1250	2.8750	1.6250	1.6250	4.0000	4	1
1 1/4	6.2500	1.1250	2.8750	1.6250	1.6250	4.3750	4	1
1 1/2	7.0000	1.2500	3.2500	1.7500	1.7500	4.8750	4	1 1/8
2	8.5000	1.5000	4.0000	2.2500	2.2500	6.5000	8	1
2 1/2	9.6250	1.6250	4.1250	2.5000	2.5000	7.5000	8	1 1/8
3	10.5000	1.8750	4.6250	2.8750	2.8750	8.0000	8	1 1/4
4	12.2500	2.1250	4.8750	3.5625	3.5625	9.5000	8	1 3/8
5	14.7500	2.8750	6.1250	4.1250	4.1250	11.5000	8	1 5/8
6	15.5000	3.2500	6.7500	4.6875	4.6875	12.5000	12	1 1/2
8	19.0000	3.6250	8.3750	5.6250	5.6250	15.5000	12	1 3/4
10	23.0000	4.2500	10.0000	6.2500	7.0000	19.0000	12	2
12	26.5000	4.8750	11.1250	7.1250	8.6250	22.5000	16	2 1/8
14	29.5000	5.2500	11.7500		9.5000	25.0000	16	2 3/8
16	32.5000	5.7500	12.2500		10.2500	27.7500	16	2 5/8
18	36.0000	6.3750	12.8750		10.8750	30.5000	16	2 7/8
20	38.7500	7.0000	14.0000		11.5000	32.7500	16	3 1/8
24	46.0000	8.0000	16.0000		13.0000	39.0000	16	3 5/8



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## FLANGE DIMENSIONS

Nom. Pipe Size	2500 LB. FLANGES							
	O.D. Thick (2)		Length Thru Hub (2)			Bolting Information		
			WN (1)	SO/TH	LJ	Bolt Circle	# of Holes	B.H. Size
1/2	5.2500	1.1875	2.8750	1.5625	1.5625	3.5000	4	7/8
3/4	5.5000	1.2500	3.1250	1.6875	1.6875	3.7500	4	7/8
1	6.2500	1.3750	3.5000	1.8750	1.8750	4.2500	4	1
1 1/4	7.2500	1.5000	3.7500	2.0625	2.0625	5.1250	4	1 1/8
1 1/2	8.0000	1.7500	4.3750	2.3750	2.3750	5.7500	4	1 1/4
2	9.2500	2.0000	5.0000	2.7500	2.7500	6.7500	8	1 1/8
2 1/2	10.5000	2.2500	5.6250	3.1250	3.1250	7.7500	8	1 1/4
3	12.0000	2.6250	6.6250	3.6250	3.6250	9.0000	8	1 3/8
4	14.0000	3.0000	7.5000	4.2500	4.2500	10.7500	8	1 5/8
5	16.5000	3.6250	9.0000	5.1250	5.1250	12.7500	8	1 7/8
6	19.0000	4.2500	10.7500	6.0000	6.0000	14.5000	8	2 1/8
8	21.7500	5.0000	12.5000	7.0000	7.0000	17.2500	12	2 1/8
10	26.5000	6.5000	16.5000	9.0000	9.0000	21.2500	12	2 5/8
12	30.0000	7.2500	18.2500	10.0000	10.0000	24.3750	12	2 7/8

### NOTES

- 1 Always specify bore when ordering.
- 2 Includes 1/16" raised face in 150 lb. And 300 lb. Does not include 1/4" raised face in 400 lb. and heavier.
- 3 Inside pipe diameters are also provided by this table.