

Bertsch Capacity Program

Size : # #11, 13 X Top Roll Dia (in) = 13

Bottom Roll Dia (in) = 13.5

Length (in) : 96

jts

3/9/2016

FULLWIDTH	CLASS-1-MATERIAL		CLASS-2-MATERIAL		CLASS-3-MATERIAL		CLASS-4-MATERIAL		HARDOX 400	
96.000	Max Yield Strength		Max Yield Strength		Max Yield Strength		Max Yield Strength		160000	
	30,000 psi		35,000 psi		49,000 psi		65,000 psi			
	Max Thk	Min Dia	Max Thk	Min Dia.	Max Thk	Min Dia.	Max Thk	Min Dia.	Max Thk	Min Dia.
BOILER	0.734	19.0	0.672	20.2	0.625	21.5	0.578	23.0	0.328	43.7
PIPE	0.563	14.5	0.516	14.6	0.469	14.8	0.438	15.1	0.250	22.4
Boiler Duty -- (Multi Pass) 48 " Radius and Larger first pass										
Thickness	Max Width	Min Dia	Max Width	Min Dia.	Max Width	Min Dia.	Max Width	Min Dia.	Max Width	Min Dia.
0.375	96.000	19.0	96.000	20.2	96.000	21.5	96.000	23.0	74.750	43.7
0.500	96.000	19.0	96.000	20.2	96.000	21.5	96.000	23.0	33.625	43.7
0.625	96.000	19.0	96.000	20.2	96.000	21.5	82.500	23.0	19.750	43.7
0.750	95.500	19.0	79.625	20.2	67.375	21.5	51.750	23.0	13.125	43.7
0.875	70.125	19.0	53.375	20.2	41.750	21.5	33.625	23.0	9.500	43.7
1.000	46.875	19.0	36.375	20.2	29.500	21.5	24.250	24.0	7.125	43.7
1.125	34.000	19.0	27.125	20.2	22.375	21.5	18.500	27.0	5.625	43.7
1.250	26.250	19.0	21.250	20.2	17.625	23.8	14.625	30.0	4.500	43.7
1.375	21.000	19.0	17.125	21.6	14.250	26.2	12.000	33.0	3.625	44.5
1.500	17.250	20.0	14.125	23.5	11.750	28.5	9.875	36.0	3.125	48.5
Pipe Duty -- (Single Pass)										
Thickness	Max Width	Min Dia	Max Width	Min Dia.	Max Width	Min Dia.	Max Width	Min Dia.	Max Width	Min Dia.
0.125	96.000	16.4	96.000	17.0	96.000	17.7	96.000	18.6	96.000	65.2
0.250	96.000	15.1	96.000	15.4	96.000	15.7	96.000	16.0	96.000	22.4
0.375	96.000	14.8	96.000	14.9	96.000	14.8	96.000	15.1	35.750	18.7
0.500	96.000	14.5	96.000	14.6	89.625	14.8	76.125	14.9	18.000	17.3
0.625	81.250	14.5	67.625	14.5	51.750	14.6	40.750	14.8	11.125	16.5
0.750	50.500	14.4	38.875	14.5	31.375	14.5	25.750	14.6	7.500	16.0
0.875	33.000	14.3	26.375	14.4	21.750	14.5	18.000	14.5	5.500	16.7
1.000	23.875	14.3	19.375	14.4	16.125	14.4	13.500	15.7	4.125	19.0
1.125	18.250	14.3	14.875	14.3	12.375	14.4	10.500	17.7	3.250	21.4
1.250	14.375	14.2	11.875	14.3	9.875	15.5	8.375	19.6	2.625	23.8
1.375	11.750	14.2	9.625	14.3	8.125	17.0	6.875	21.6	2.125	26.2
1.500	9.750	14.2	8.000	15.2	6.750	18.5	5.750	23.5	1.750	28.5
1.5	13.5	136,250	10,000	S/B=Y	B/D=N	REV (121205)				