

J. Dickinson & Sonkey Boilers No 1067

$$\text{Rivets } \frac{7864 \times 5 + 1.75 \times 85}{6.875 \times 875} = 97 \quad \text{Plate } \frac{5.875}{6.875} = 85.4$$

$$\text{Shell } \frac{22 \times 12 \times 85.4}{124.25} = 181$$

$$\text{Funnels } 50 \left(\frac{300 \times 7.03 - 7925}{36} \right) = 50 \left(\frac{211 - 7925}{36} \right) = \frac{131.75 \times 50}{36} = 183$$

$$\text{CD Backs } \frac{135 \times 121}{\frac{1}{2}(110 + 70) 90} = 181$$

$$\text{Side centre } \frac{135 \times 121}{90.5} = 180$$

" Marginal pitch $8\frac{15}{16}$ " centre pitch 9"

$$\text{Screw stay } \frac{9000 \times 2.03}{99.7} = 183$$

$$\text{Top ends } \frac{185 \times 210}{\frac{285 + 287}{2} \times 216} = 180$$

$$\text{Main stay } \frac{10400 \times 4.13}{216} = 199$$

$$\text{Back Bar } \frac{135 \times 210}{\frac{1}{2}(145 + 70) 122.5} = 231$$

$$\text{W.W spaces } \frac{140 \times 380}{203} = 262$$

$$\text{Ejiders } \frac{10660 \times 33 \times 1.875}{17.908 \times 7.5 \times 26.908} = 182$$

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