

Clarke's No. 548

Plate 84.96 Rims 84.95

$$\text{Wt of Shell, } 20 \times (20-2) 84.96 = 148 \text{ lbs.}$$

$$\text{" Main Stays, } \frac{141.5}{7.86 \times 9000} = 180 \text{ lbs.}$$

$$\text{" } \left\{ \begin{array}{l} 184 \times 192 \\ 6.65 \times 9000 \\ 178 \times 192 \end{array} \right. = 149 \text{ lbs}$$

$$\text{" Screw Stays, } \frac{2.04 \times 4600}{10 \times 8 \frac{3}{4}} = 144 \text{ lbs.}$$

$$\text{" Flat plate St. Spall, } \frac{185 \times 20^2}{2} = 160 \text{ lbs.}$$

$$\text{" " @ @ } \frac{212^2}{135 \times 11^2} = 163 \text{ lbs.}$$

$$\text{" Between tube nests } \frac{140 \times (11.5 - \frac{11.5}{2})^2}{14 \frac{1}{2}^2} = 198 \text{ lbs.}$$

$$\text{" at back ends, } \frac{135 \times (10.25 + \frac{12}{2})^2}{14 \frac{1}{2}^2} = 169 \text{ lbs.}$$

$$\text{Pierces } 89900 \times 8 \frac{3}{4}^2 \times 1.5 = 164 \text{ lbs.}$$

$$(33-10) \times 33 = 2021$$

$$\text{Turns } 8, \frac{1160 (8-2)}{41.23} = 168 \text{ lbs.}$$

SLD988-0190

$$\begin{array}{r}
 135- \\
 \underline{121} \\
 135- \\
 270 \\
 \underline{135-} \\
 163,35-
 \end{array}$$

$$20 \times (20-2) 87.9\%$$

$$\begin{array}{r}
 8\frac{57}{16} - 1\frac{4}{16} \\
 \hline
 8\frac{57}{16}
 \end{array}$$

$$\begin{array}{r}
 83- \\
 \underline{20} \\
 17098 \\
 \hline
 13600 \\
 1700
 \end{array}$$

$$\begin{array}{r}
 8.31257 \quad 7.06250 \quad 178 \\
 \hline
 665000 \\
 412500
 \end{array}$$

$$\begin{array}{r}
 178 \\
 \hline
 30600 \\
 1715 \\
 13450 \\
 12005 \\
 \hline
 24550
 \end{array}$$



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