

Donkey Boiler for S/S Saint Kevin  
by Clarke Chapman & Co.

~~Plate~~  $\frac{2\frac{1}{2} - \frac{11}{16} \times 100}{2\frac{1}{2}} = \dots = 72\frac{1}{2}\%$

~~rivets~~  $\frac{2 \times .34 \times 85 \times 32}{2\frac{1}{2} \times \frac{11}{16}} = \dots = 43\%$

Shell  $\frac{18\frac{1}{2} \times 3\frac{1}{2} \times 72\frac{1}{2}}{54} = \dots = 87 \text{ lb}$

Tube plate  $\frac{3\frac{1}{2} - 2\frac{1}{2} \times 100}{5\frac{1}{2}} = 28.5\%$

$\therefore \frac{18\frac{1}{2} \times 9 \times 28\frac{1}{2}}{54} = \dots = 88 \text{ lb}$

flange  $\frac{8000 \times 19}{2158 \times 82} = \dots = 220 \text{ lb}$

c.c. Pack  $\frac{135 \times 9 \times 9}{9\frac{3}{4} \times 9\frac{3}{4}} = \dots = 115 \text{ lb}$

Mounting do  $\frac{8000 \times .99}{9\frac{3}{4} \times 9\frac{3}{4}} = \dots = 83 \text{ lb}$



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