

W1276-0094

Rivet Steel main Bolts No 240 { Russell & Blackmore  
for Russell 163 & 506 Vessel. 180th pressure

$$\text{Plate } 90 \frac{8.845 - 1.25}{8.845} \times 100 = 85.9$$

$$\text{End top } \frac{185 \times 15.5^2}{15.2} = 198 \text{ lb.}$$

$$\text{Rivet } 90 \frac{5 \times 1.23 \times 1.45 \times 83}{8.845 \times 1.1845} = 86.5$$

$$\text{" Stays } \frac{4.3 \times 10000}{15.2} = 192 \text{ lb.}$$

$$\text{Shell } \frac{29}{27} \frac{21 \times 85 - (19 - 2)}{180} = 182 \text{ lb.}$$

$$\text{Front tube } \frac{140 (12 + \frac{5}{2})^2}{14} = 183 \text{ lb.}$$

$$\text{Furnace } \frac{1259 (9.5 - 2)}{48.25} = 196 \text{ lb.}$$

$$\text{Back } \frac{140 \times 12^2}{9.25^2} = 233 \text{ lb.}$$

$$\text{Comencur } \frac{135 \times 9^2}{7.45^2} = 182 \text{ lb.}$$

$$\text{Boiler Back } \frac{135 \times 13^2}{10.9} = 209 \text{ lb.}$$

$$\text{" Stays } \frac{1.48 \times 8000}{62} = 191 \text{ lb.}$$

$$\text{" Stays } \frac{176 \times 8000}{10.25 \times 4.45} = 180 \text{ lb.}$$

$$\text{" top } \frac{135 \times 9^2}{8^2} = 191 \text{ lb.}$$

$$\text{Comencur bottom } \frac{50 (300 \times 8.25 - 32)}{25.87} = 141 \text{ lb.}$$

$$\text{" Stays } \frac{1.46 \times 8000}{64} = 220 \text{ lb.}$$

$$\text{Hairs } \frac{9900 \times 9.45^2 + 1.5}{(25.25 - 8) 8 \times 25.25} = 281 \text{ lb.}$$

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W.R.H.  
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