

S.P. Austins No 166

Plate % of 84.615-

Rivets % of 84.615 = 21

Shell.

$$260 \times 1.03125 \times 84.615 = 163 \text{ lbs}$$
$$138.9375$$

2 1/2 Stays Reduced area of mandrel

$$4.46 \times 9000 = 159 \text{ lbs}$$
$$15.8752$$

Guides

$$9000 \times 6.75^2 \times 2.4 = 165 \text{ lbs}$$
$$(31 - 7.75) \times 7.75 \times 31$$

Flat plates in Steam Space

$$1410 \times 17^2 = 160 \text{ lbs}$$
$$15.845$$

Flat plates in C.C.

$$120 \times 9^2 = 148 \text{ lbs}$$
$$7.25 \times 7.5$$

1 1/2" Screw Stays reduced area of

$$1.33 \times 8000 = 195 \text{ lbs}$$
$$7.25 \times 7.5$$

Flange.

$$1000 \times (8 - 2) = 166 \text{ lbs}$$
$$36$$



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