

Principe di Piemonte

cylinders 24 . 39 . 64 . stroke 45 . Heating surface = 12280

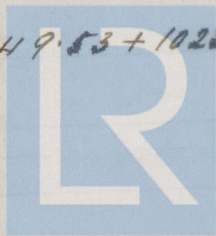
Number of boilers 4 . Number of boilers 5

additional heating surface 1805 $\frac{5}{12}$

$$\text{Original Horse Power} = \frac{180 + 590}{1500} \left(\frac{2 \times 4096 + 670820}{100} + \frac{12280}{12} \right)$$

$$= .5133 (549.53 + 1023.3) = 807.18$$

$$\text{New Horse Power} = .5133 \left(549.53 + 1023.3 + \frac{1805}{12} \right) = \underline{869.11}$$



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