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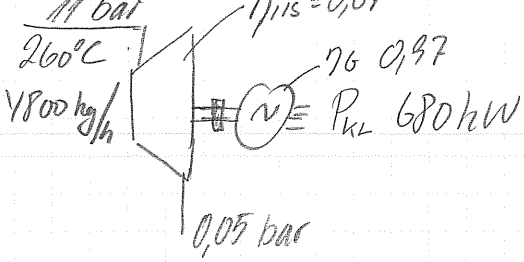


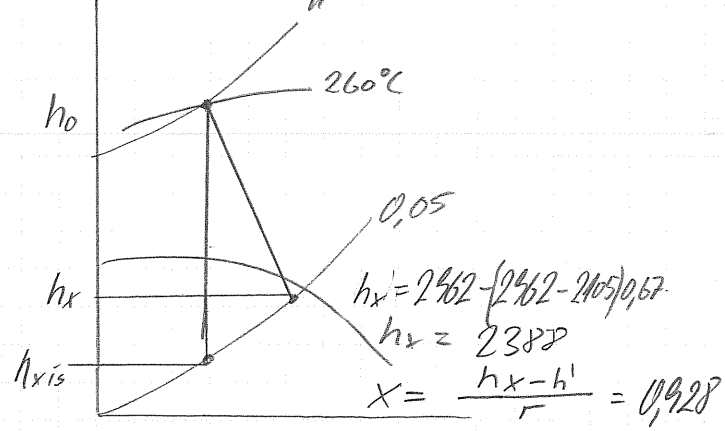


$$P_i = M_d \cdot \eta_{iis} (h_0 - h_{xis})$$

1) $P_i = \frac{4800}{3600} \cdot 0,67 (2962 - 2105) = \underline{765,6 \text{ kW}}$

2) $\eta_m = \frac{P_K}{P_i} = \frac{P_{KL}}{\eta_G \cdot P_i} = \frac{680}{0,97 \cdot 765,6} = \underline{0,916}$

3) $V_{zu} = M_d \cdot V''_x = 4800 \cdot 3600^{-1} \cdot 28,19 \cdot 0,928 = \underline{34,9 \text{ m}^3/\text{s}}$

4) Ved at suge luften ud samt køle kondensatoren m/ kølevand.