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Wind Pump []

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$$P_{\max} = \frac{1}{2} (0.593) \rho \times V^3 \times S$$

0.593
0.593

(Performance Coefficient) C_p
)

$$C_p = 0.40 \quad 0.45 \quad (\quad)$$

[] 0.19

(...) / C_p C_p

$$C_p * \eta_m = 0.19 * (0.6 \quad 0.7) = 0.114 \quad 0.133$$

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(drag type)

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$$/ * / = / \text{ W/m}$$

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$$P = \omega Q.h$$

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