Đáp Án

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Câu 1

a) $$v = \frac{Q}{360 . b . h . \gamma . k_1 . k_2 . k_\psi}$$

$$= 0.25 \div 0.29 .$$

chọn: $v = 0,3$ m/s. (2đ)

b) $$N_0 = \frac{Q L_n}{300}\left[f_1\left(\frac{n.h}{b}+1\right)+tg\beta\right] + 3B.V\left[1-5L_H.\sqrt{(1+\xi)}\right]$$

$$N_0 = 3.1 \div 3.3 \text{ kw}$$

$$\text{chọn: } N_{dc} = \frac{N_0 \times 1,2}{\eta} = 4.67 \div 5.2 \text{ [kw]}$$

(2đ)

Câu 2:

a) - $n = \frac{60.v}{\pi.D} = 40$ v/ph ; (0.5)

- $\frac{i_0}{q} = 24$ l/m (0.5)

- $a = 800$ mm (0.5)

- $q_g = 13$ kG/m (0.5)

[2đ]

b) - $W_0 = S_3 - S_4 + W_{3-4} = 573,35$ kG (2đ)

$\pm$ (10 kG)

c) - $l = \frac{895}{n^2} = 0.55$ (m)

$l < r_{tg} = \frac{0,8}{2} = 0,4.$) 2đ