

Статика

3.1.10: 0,75 м;

3.1.11: 5 кН; 6 кН;

3.1.13: 6 кН;

3.2.2: 40 Н;

3.2.3: 2 Н; 1 Н;

3.2.4: 3,5 кН; 1,5 кН

3.2.5: 850 Н;

3.2.6: 27 см;

3.2.7: 125 Н; 75 Н;

3.2.8: $F = \frac{mg}{2} \cdot \frac{a}{h} = 33 \text{ Н};$

3.2.10: $Q_1 = 4 \text{ кН}; Q_2 = 5,3 \text{ кН};$

3.4.2: $P = mg \frac{R}{(l+R) \cos \alpha}; T = \frac{P}{\sin \alpha};$

3.4.4: $F = mg \frac{\sqrt{2Rh-h^2}}{R-h};$

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