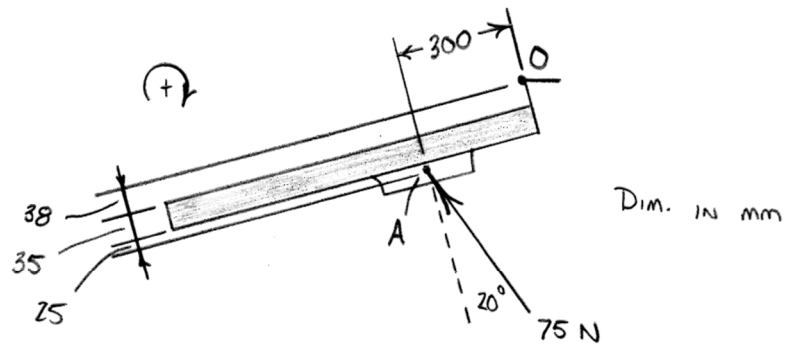


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$$M_o = 0.300 (75 \cos 20^\circ) + \left(\frac{25+35+38}{1000} \right) (75 \sin 20^\circ)$$

$$\underline{M_o = 23.7 \text{ N}\cdot\text{m} \text{ CW}}$$

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