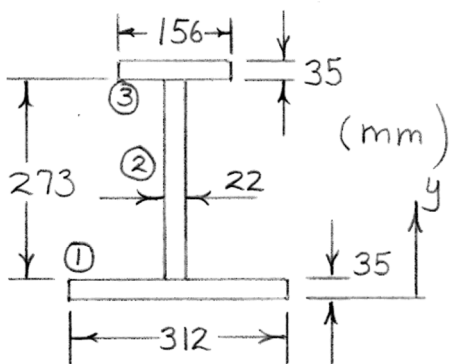


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Comp.	$A \text{ (mm}^2\text{)}$	$\bar{y} \text{ (mm)}$	$A\bar{y} \text{ (mm}^3\text{)}$
①	$312(35)$	$\frac{35}{2}$	191 100
②	$273(22)$	$35 + \frac{273}{2}$	1 030 000
③	$156(35)$	$35 + 273 + \frac{35}{2}$	1 777 000

$$\Sigma A = 22\,400$$

$$\Sigma A\bar{y} = 3\,000\,000$$

$$\bar{Y} = \frac{\Sigma A\bar{y}}{\Sigma A} = \frac{3\,000\,000}{22\,400} = 133.9 \text{ mm}$$