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A/55(1) 50 25 50 50 (mm) Comp. A $\frac{d_x}{25/2}$ $\frac{I_x}{12(200)(25)^3}$ $\frac{Ad_x}{781\ 250}$ 2 2[100(25)] $\frac{1}{2}[12(25)(100^3)]$ 28 125 000 Comp. $2\left[\frac{1}{2}\left(\frac{50}{50}\right)\right]\left(25+\frac{50}{3}\right)2\left[\frac{1}{36}\left(\frac{50}{50}\right)\right]$ + 340 278 $\begin{cases} \Sigma \bar{I}_{\chi} = 4774306 \\ \Sigma Ad_{\chi}^{2} = 33246528 \text{ mm}^{4} \end{cases}$ $I_x = \Sigma I_x + \Sigma A d_x^2 = 38,020,833 \text{ mm}^4$ or 38.0(106) mm 4