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A/3
$$I_{x} = Ad^{2} = 300(15)^{2} = 67.5(10^{3}) mm^{4}$$

$$J_{0} = I_{x} + I_{y} = 67.5(10^{3}) + 35(10^{3}) = 102.5(10^{3})$$

$$K_{0} = \sqrt{J_{0}/A} = \sqrt{\frac{102.5(10^{3})}{300}} = 18.48 mm$$

