Draw a Cylindrical Can with Contour and Label

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

A can is drawn with a top ellipse 8 cm wide and a minor axis of 2 cm. The can height is 12 cm and the label band is 4 cm tall, starting 3 cm below the top. Describe where the band edges go and give one check.

Answer: The top ellipse is 8 cm wide and 2 cm tall. The bottom ellipse uses the same 8 cm width and 2 cm minor axis. The contour lines are 12 cm long and parallel. The label band starts 3 cm below the top mark and ends 7 cm below the top mark, so it is 4 cm tall. Its top and bottom edges are shallow curves that follow the ellipse direction, and its left and right edges stop at the contour. Check: the band is 3 cm from the top mark and 5 cm from the bottom mark, so it is not centered; if centering is required, move it down 1 cm.