Disc Golf Disc Drawing: Rim and Flight-Plate Construction

Original task 1 / independent drawing and calculation

Task 1

Draw a side-view rim guide with top edge 25 mm above its baseline, widest point 15 mm above the baseline and 6 mm outward, and bottom edge on the baseline. Separately draw top and bottom ellipses 70×45 mm and 64×39 mm, centers horizontally aligned, with the bottom center 7 mm lower.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Draw a flat-bottom side profile with top at 20 mm, widest point at 12 mm and 4 mm outward, and bottom at 5 mm. Separately draw ellipses 60×40 mm and 56×36 mm with centers aligned and a 6 mm downward offset.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Draw a domed flight plate using a top ellipse 75×48 mm and a bottom ellipse 71×44 mm, with the bottom center 8 mm below the top center on the same vertical axis. Add a subtle center-to-edge gradient.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

Draw a wide-rim three-quarter view with a top ellipse 90×55 mm and a bottom ellipse 84×49 mm, sharing a vertical centerline, with the bottom center 10 mm lower. State one symmetry check.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.