



KNELSON GRAVITY SOLUTIONS

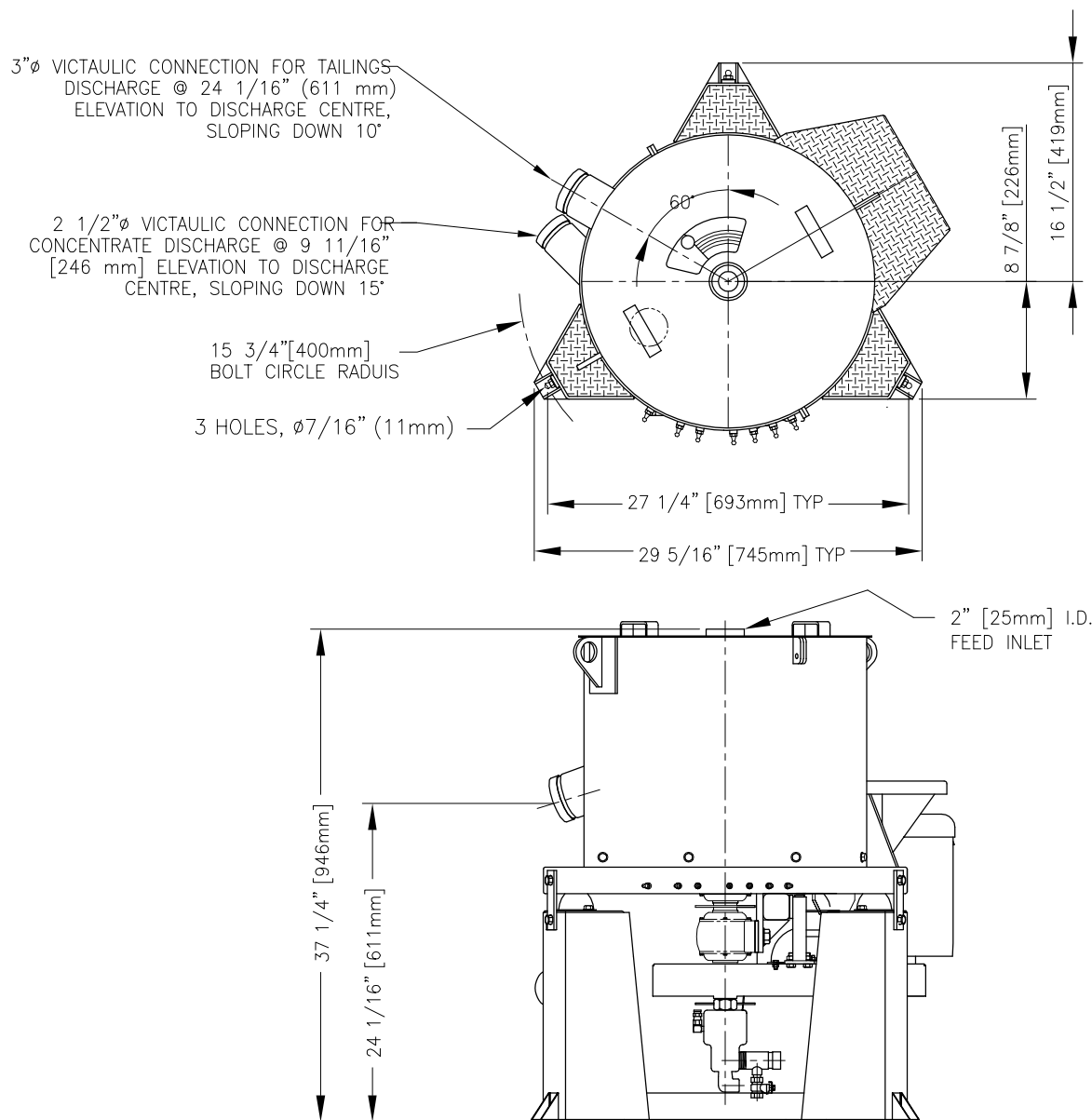
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DWG. No. A02005D

KNELSON CONCENTRATOR MODEL KC-CVD6 (1 RING) CONTINUOUS SPECIFICATION SHEET

- FEED CAPACITY(MAY VARY DEPENDING ON MATERIAL) - 0.6 - 2.2 tons/hr [0.5 - 2.0 tonne/hr] SOLIDS
- TYPICAL FLUIDIZATION WATER REQUIREMENT - 5 - 12 USgpm [1.1 - 2.7 m³/hr]
- MINIMUM AIRFLOW REQUIRED - 3.5ft³/min (5.9m³/hr)
- FEED DENSITY - 0 - 50% SOLIDS/WEIGHT
- MAX TOTAL VOLUMETRIC THROUGHPUT - 18 USgpm [4 m³/hr]
- FEED SIZE - MAX: 1/8" [3.2mm]; RECOMMENDED: MINUS 10 MESH [1.7 mm]
- TYPICAL CONTINUOUS CONCENTRATE DISCHARGE - 1% - 50% OF FEED RATE (VARIABLE)
- OPERATING "G" FORCE - VARIABLE (30 - 90g)
- OPERATING SPEED - VARIABLE (581 - 1007 RPM)
- CONCENTRATOR NET WEIGHT - 507 Lbs [230 Kgs.]
- H.P. - 1.5 (ELECTRIC)
- APPROXIMATE SHIPPING WEIGHT - 600 lbs [272 kg]
- APPROXIMATE CRATED SHIPPING DIMENSIONS - LENGTH 92cm x WIDTH 92cm x HEIGHT 97cm



NOTE:

- SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
- ALL PIPING TO CONCENTRATOR TO BE FLEXIBLE TO ALLOW FOR SLIGHT OSCILLATION OF UNIT DURING OPERATION.
- AUTOMATED PIPING AND CONTROL PANEL ARE REMOTE MOUNTED (NOT SHOWN).