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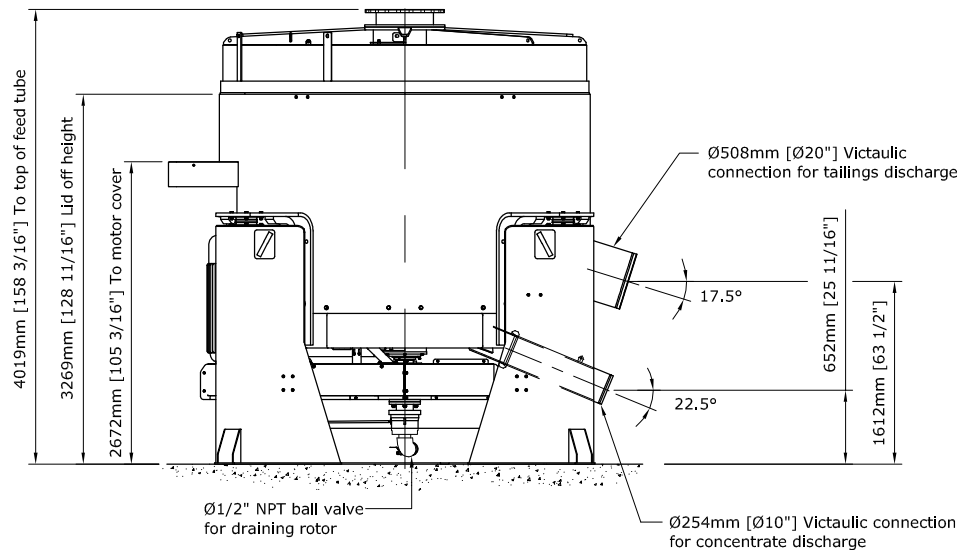
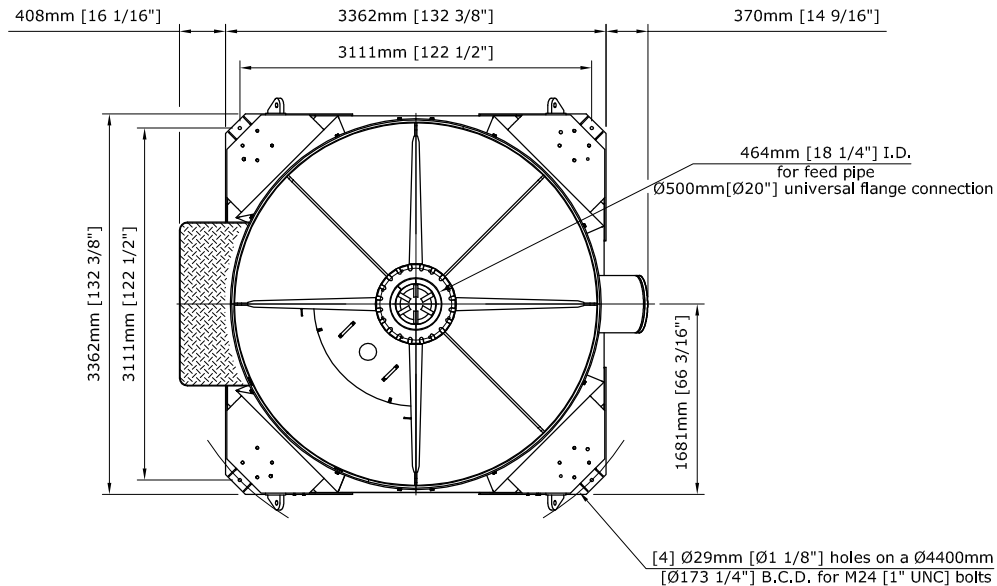
DWG. No. 07811 A

**Knelson Concentrator Model
 KC-QS70
 Specification Sheet**

- Maximum Feed Capacity - 300-1000 tonnes/hr (330-1100 tons/hr) solids
- Maximum Total Volumetric Throughput - 1360m³/hr (6000USgpm)
- Feed Size - Maximum: 6mm; Recommended: 2mm
- Feed Density - 0 - 75% Solids by weight
- Max. Fluidization Water Pressure - 550kPa (80psi)
- Minimum Air Flow Required (Auto Piping Only) - 5.1m³/hr (3ft³/min) @ 600kPa (90psi)
- Concentrator Installation Weight - 18455kg (40600lbs)
- Motor - 150 - 375kW (200 - 500HP) - Electric

| Cone Style | Fluidization Water m ³ /hr (USgpm) | Concentrate Weight kg (lb) | G-Force Range G's |
|------------|--|-------------------------------|----------------------|
| G5 | 68 (300) - 86 (380) | 95 (209) - 125 (275) | 60 - 120 |
| G6 | 114 (500) - 148 (650) | 149 (328) - 190 (419) | 60 - 120 |
| G7 | 80 (350) - 102 (450) | 182 (400) - 279 (614) | 60 - 150 |

*G6 & G7 cones are application specific. Please consult FLSmidth.



Note:
 - Specifications subject to change without notice.
 - All piping to concentrator to be flexible to allow for slight oscillation of unit during operation.
 - Consult FLSmidth Knelson for more detailed operating parameters for your specific application.

