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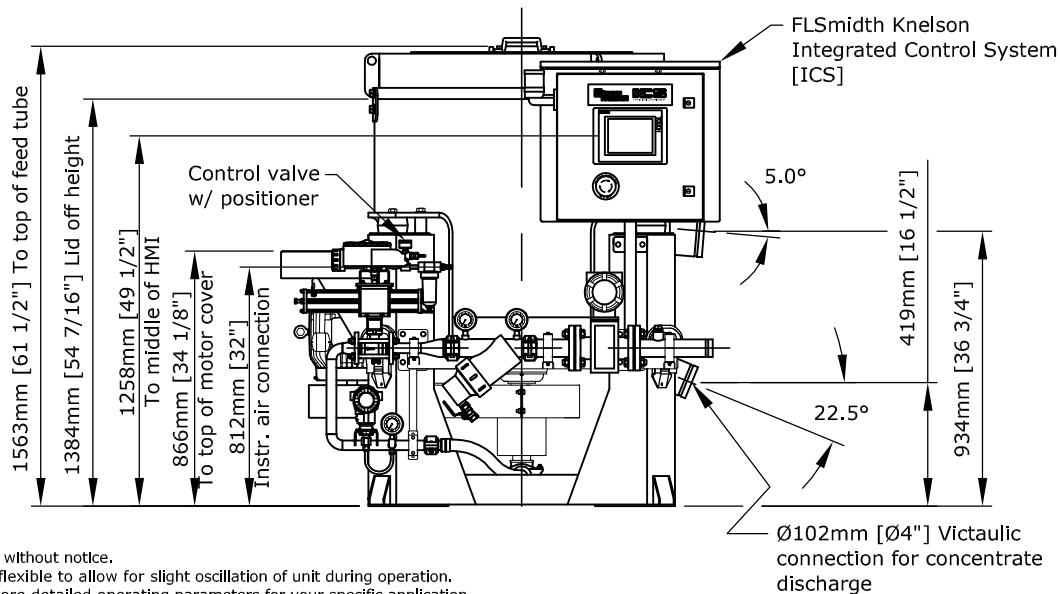
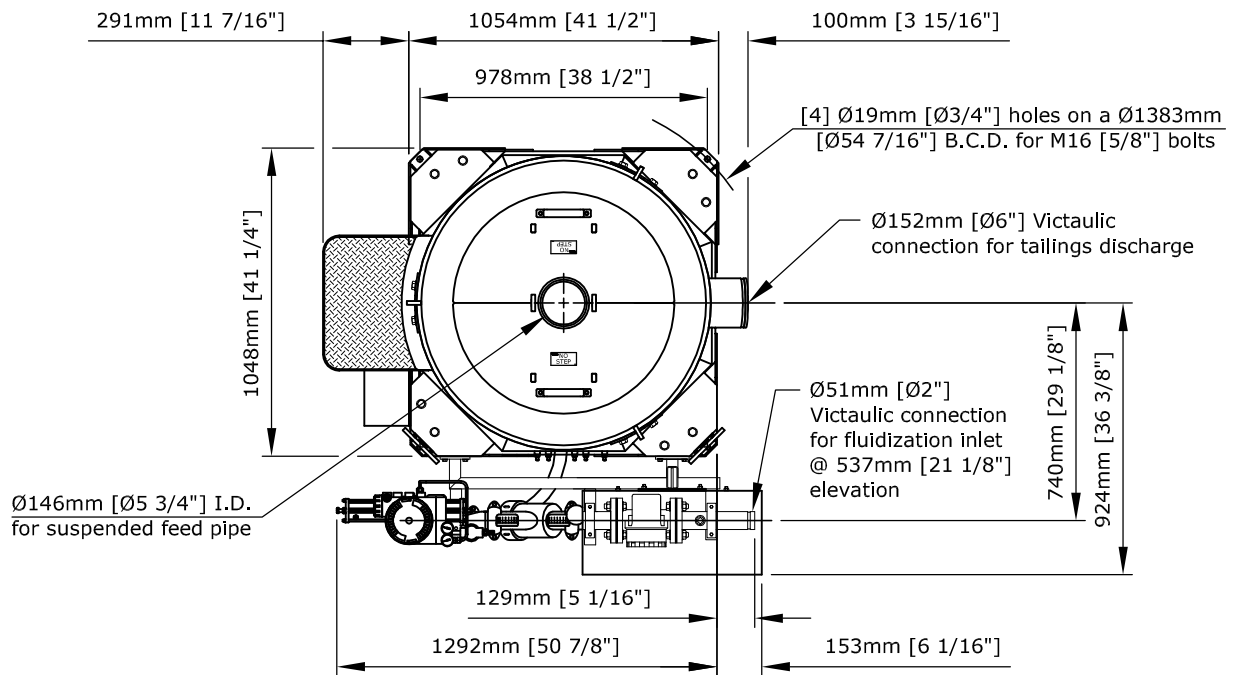
Date: Jan. 30, 2013

DWG. No. A01394H1

**Knelson Concentrator Model
 KC-XD20
 Specification Sheet**

- Maximum Feed Capacity - 80 tonnes/hr solids
- Maximum Total Volumetric Throughput - 110m³/hr (480USgpm)
- 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 - 1043kg (2300lbs)
- Motor - 5.5 - 7.5kW (7.5 - 10HP) - Electric

Cone Style	Fluidization Water m ³ /hr (USgpm)	Concentrate Weight kg (lb)	G-Force Range G's
G4	14 (60) - 18 (80)	16 (36) - 21 (46)	60
G5	8 (35) - 11 (47)	9 (19) - 11 (25)	60
G6	11 (50) - 17 (75)	16 (36) - 21 (46)	60 - 120
G7	6 (25) - 13 (57)	18 (40) - 27 (60)	60 - 200



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.

