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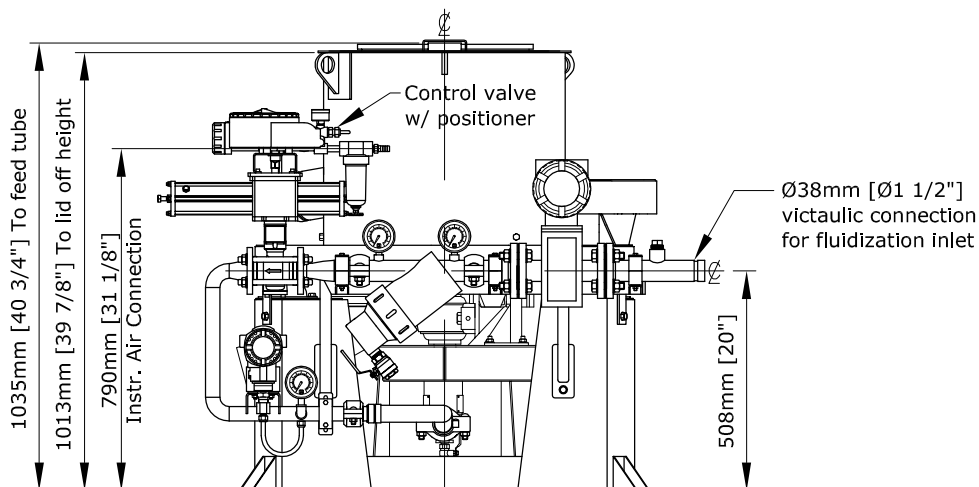
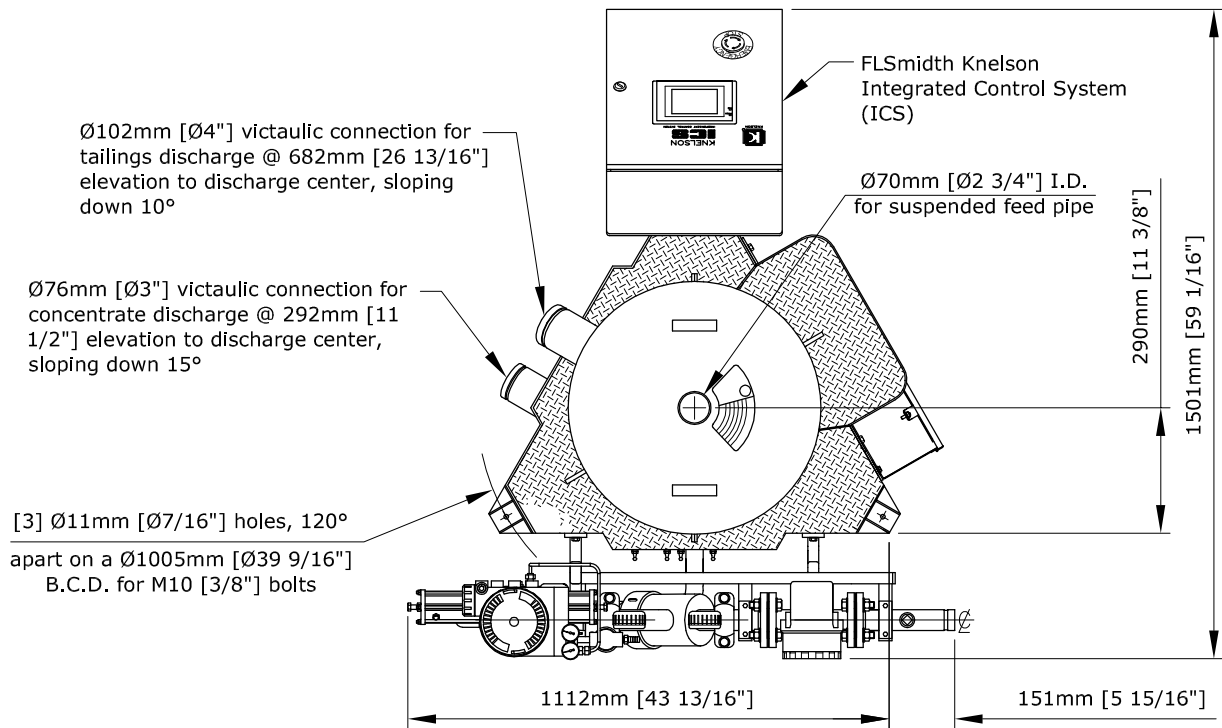
Date: April 9, 2015

DWG. No. A01532H3

**Knelson Concentrator Model  
 KC-CD12  
 Specification Sheet**

- Maximum Feed Capacity - 20 tonnes/hr Solids
- Maximum Total Volumetric Throughput - 27m<sup>3</sup>/hr (120USgpm)
- 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) - 5.1m<sup>3</sup>/hr (3ft<sup>3</sup>/min) @ 600kPa (90psi)
- Concentrator Installation Weight - 260kg (580lbs)
- Motor - 1.5 - 3.8kW (2 - 5HP) - Electric

Cone Style	Fluidization Water m <sup>3</sup> /hr (USgpm)	Concentrate Weight kg (lb)	G-Force Range G's
G4	6 (25) - 9 (40)	5 (11) - 7 (14)	60
G5	3 (15) - 6 (25)	2.7 (6) - 3.4 (7.6)	60
G6	6 (25) - 10 (45)	5 (11) - 7 (14)	60 - 120
G7	3 (15) - 6 (25)	6 (13) - 9 (19)	60 - 150



**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.

