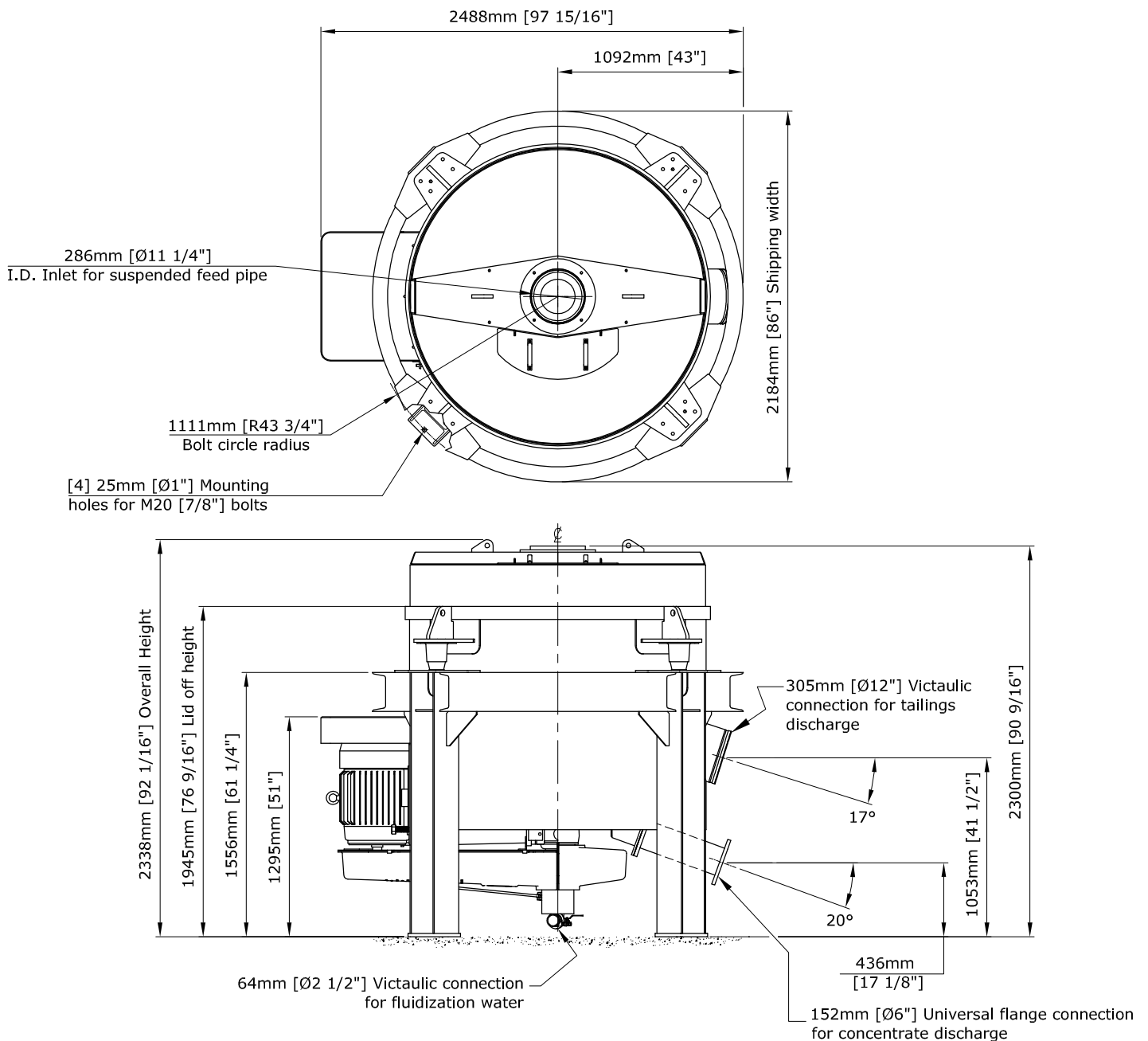


**Knelson Concentrator Model
 KC-QS40
 Specification Sheet**

Maximum Feed Capacity	- 250 tonnes/hr Solids
Maximum Total Volumetric Throughput	- 340 m ³ /hr (1500 USgpm)
Feed Size	- Maximum: 6mm (1/4"); Recommended: 1.7mm (1/16")
Feed Density	- 0 - 75% Solids/Weight
Minimum Air Flow Required (Auto Piping Only)	- 5.1 m ³ /hr (3ft ³ /min) @ 600 kPa (90 psi)
Concentrator Installation Weight	- 3320 kg (7300 lbs) (Not Including Piping)
Motor	- 30 - 56 kW (40 - 75 HP) - Electric

Cone Style	Fluidization Water m ³ /hr (USgpm)	Concentrate Weight kg (lb)	G-Force Range G's
G4	57 (250) - 73 (320)	52 (115) - 79 (174)	60
G5	27 (120) - 35 (155)	31 (68) - 45 (98)	60
G6	42 (185) - 61 (270)	52 (115) - 80 (174)	60 - 120
G7	23 (100) - 51 (225)	58 (128) - 103 (227)	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.