

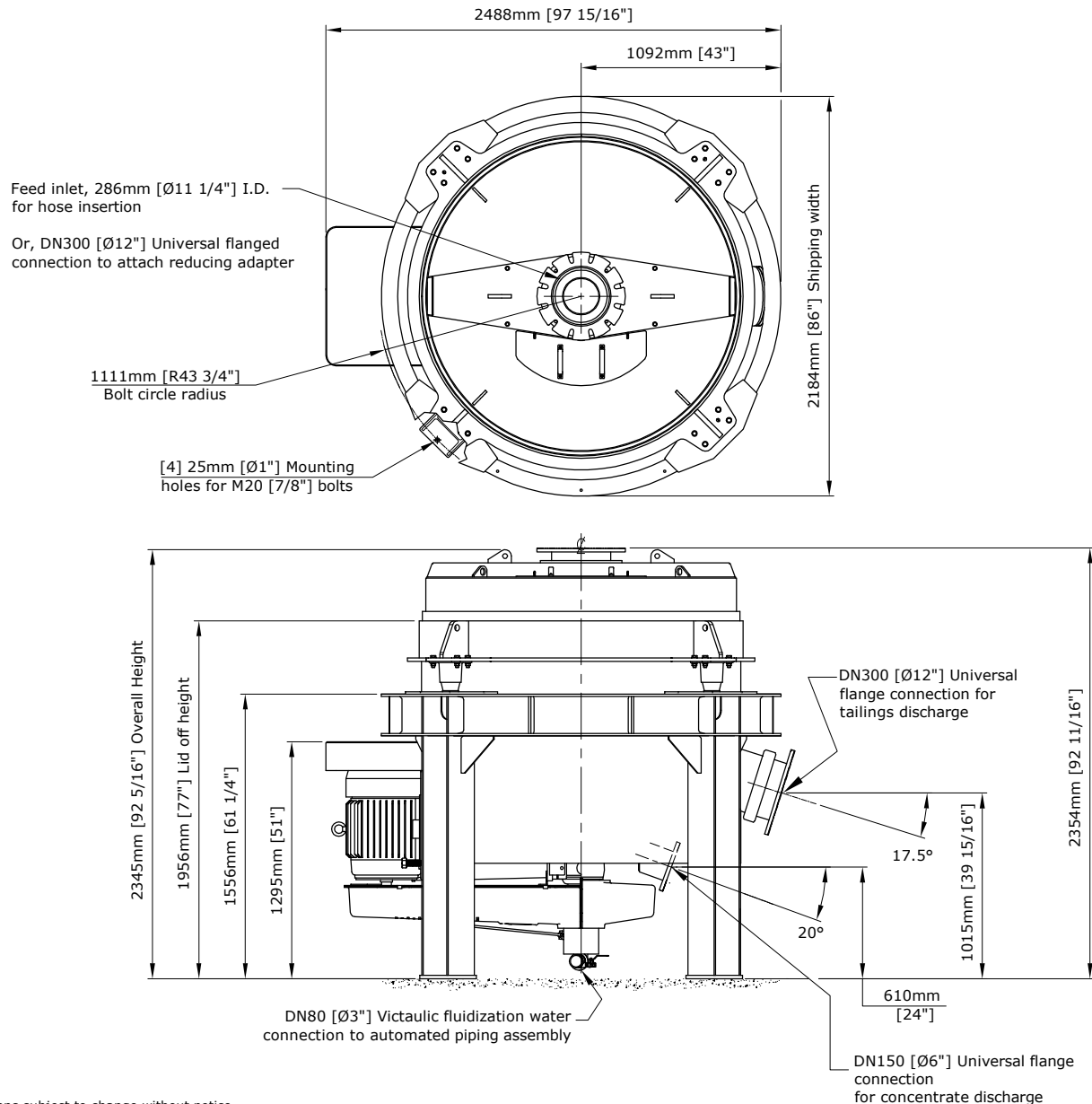


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**Knelson Concentrator Model  
 KC-QS40  
 Specification Sheet**

- Maximum Feed Capacity - 250 tonnes/hr Solids
- Maximum Total Volumetric Throughput - 340 m<sup>3</sup>/hr [1500 USgpm]
- Feed Topsize Size - Maximum: 6mm; Recommended: 2mm
- Feed Density - Up to 75% Solids by Weight
- Max. Fluidization Water Pressure - 550 kPa [80 psi]
- Minimum Air Flow Required (Auto Piping Only) - 150 L<sub>w</sub>/min [5.3 scfm] @ 600 kPa [90 psi]
- Concentrator Installation Weight - 3550 kg [7800 lbs] (Not Including Piping)
- Motor - 30 - 56 kW [40 - 75 hp] - Electric

Cone Style	Fluidization Water m <sup>3</sup> /hr [USgpm]	Concentrate Weight kg [lb]	Recommended G-Force Operation [G]	Recommended Application
G5	27 [120] - 35 [155]	31 [68] - 44 [98]	60	Fine to coarse target minerals
G6	42 [185] - 61 [270]	52 [115] - 79 [174]	60 - 120	Fine to coarse target minerals
G7	30 [132] - 52 [230]	58 [128] - 103 [227]	60 - 200	Fine and ultra-fine target minerals



**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 for more detailed operating parameters for your specific application.