

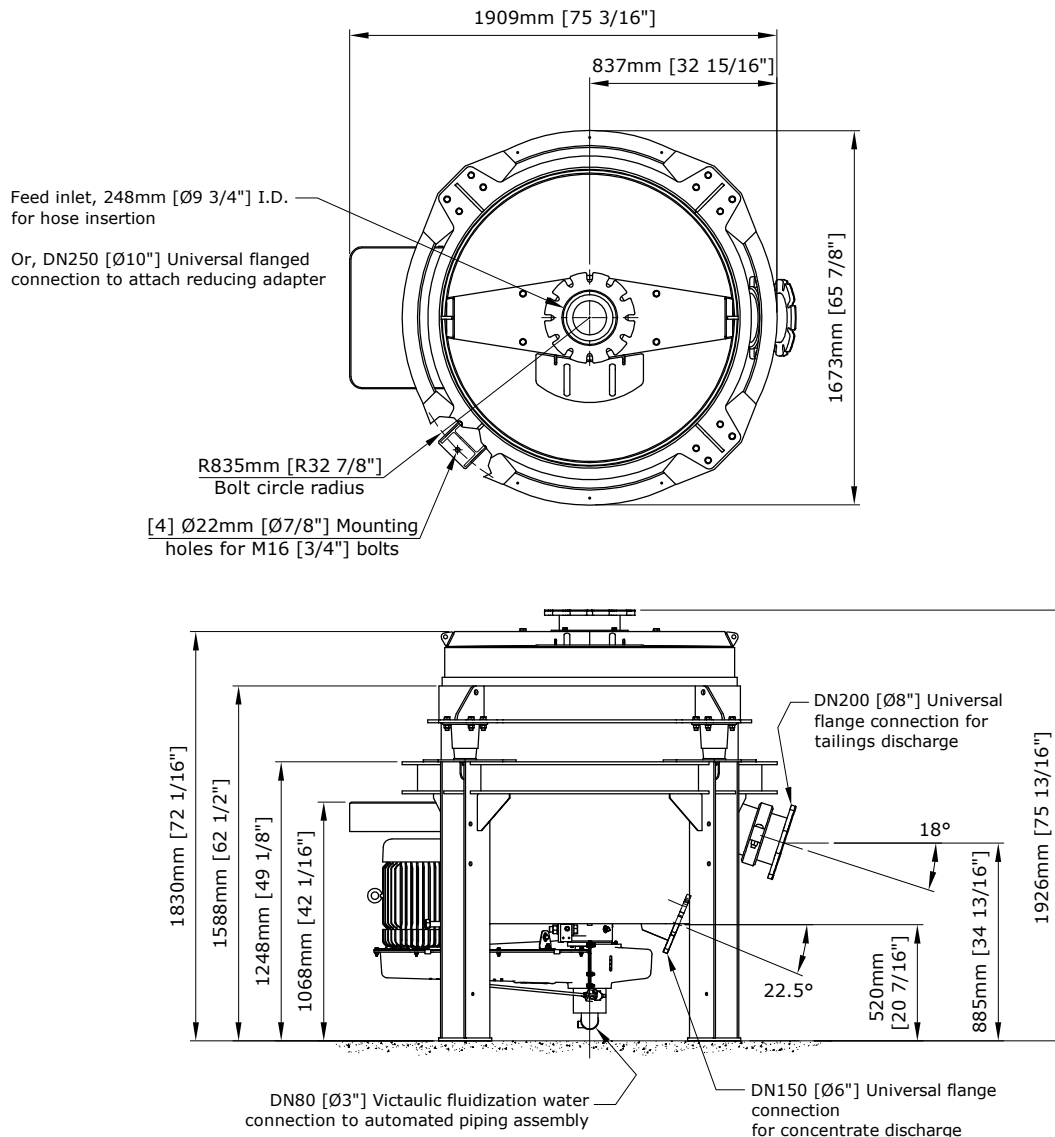


FLSmith Ltd.
 PO Box 10025, 650-700 West Georgia St.
 Vancouver • British Columbia • Canada • V7Y 1A1
 Tel +1 604 888 4015 • Fax +1 604 888 4013
 Email: knelson@flsmith.com • www.flsmith.com

**Knelson Concentrator Model
 KC-QS30
 Specification Sheet**

- Maximum Feed Capacity - 150 tonnes/hr Solids
- Maximum Total Volumetric Throughput - 205 m³/hr [900 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_w/min [5.3 scfm] @ 600 kPa [90 psi]
- Concentrator Installation Weight - 1700 kg [3740 lbs]
- Motor - 11.2 - 18.6 kW [15 - 25 hp] - Electric

Cone Style	Fluidization Water m ³ /hr [USgpm]	Concentrate Weight kg [lb]	Recommended G-Force Operation [G]	Recommended Application
G5	15 [65] - 24 [105]	23 [51] - 29 [65]	60	Fine to coarse target minerals
G6	21 [92] - 36 [160]	35 [78] - 45 [100]	60 - 120	Fine to coarse target minerals
G7	14 [62] - 27 [120]	39 [87] - 59 [130]	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.