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Knelson Concentrator Model KC-QS30 GX **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

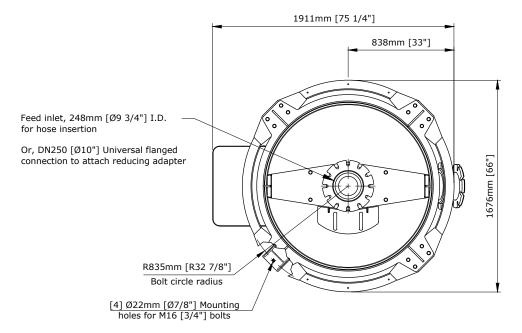
Max. Fluidization Water Pressure - 550 kPa [80 psi]

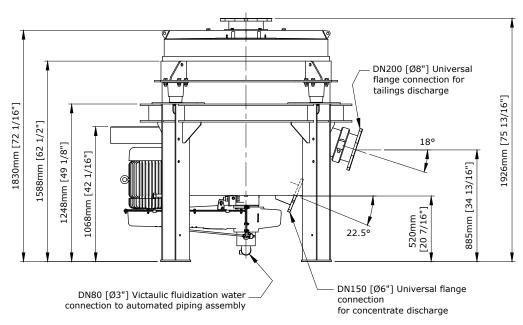
Minimum Air Flow Required (Auto Piping Only) - 150 L_N /min [5.3 scfm] @ 600 kPa [90 psi]

Concentrator Installation Weight -1750 kg [3850 lbs]

Motor - 11.2 - 18.6 kW [15 - 25 hp] - Electric

Cone Style	Fluidization Water m³/hr [USgpm]	Concentrate Weight kg [lb]	Recommended G-Force Operation [G]	Recommended Application
GX9	11 [48] - 19 [84]	20 [44] - 24 [54]	60	Moderate to coarse target minerals
GX10	15 [66] - 26 [115]	32 [70] - 39 [86]	60 - 90	Fine to coarse target minerals
GX11	12 [53] - 24 [105]	39 [86] - 54 [118]	90 - 150	Ultra-fine to fine target minerals





- <u>Note:</u> 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.