

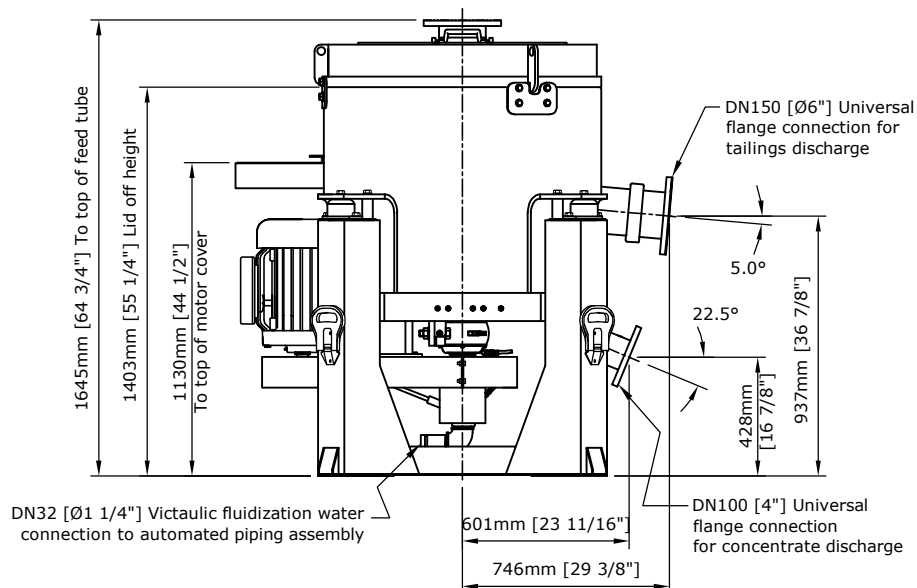
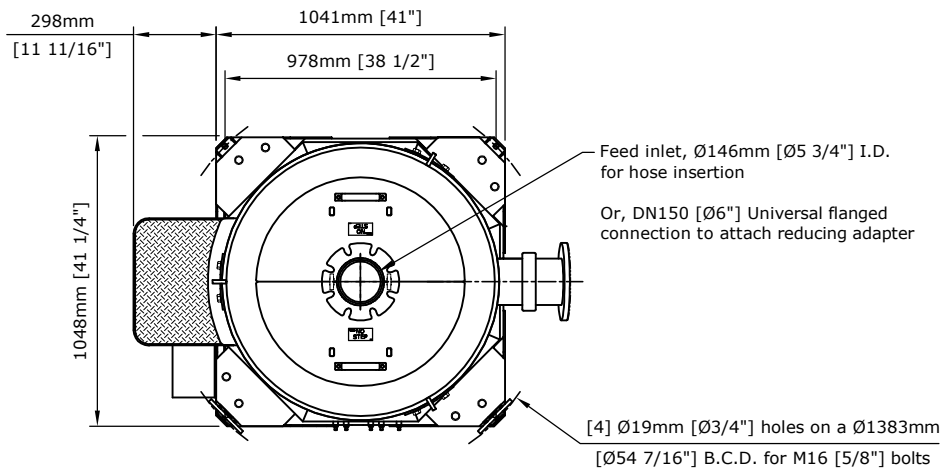


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**Knelson Concentrator Model
 KC-XD20
 Specification Sheet**

- Maximum Feed Capacity - 80 tonnes/hr Solids
- Maximum Total Volumetric Throughput - 110 m³/hr [480 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 - 1100 kg [2420 lbs]
- Motor - 5.5 - 7.5 kW [7.5 - 10 hp] - Electric

Cone Style	Fluidization Water m ³ /hr [USgpm]	Concentrate Weight kg [lb]	Recommended G-Force Operation [G]	Recommended Application
G5	8 [35] - 11 [48]	9 [19] - 11 [25]	60	Fine to coarse target minerals
G6	11 [48] - 17 [75]	16 [36] - 21 [46]	60 - 120	Fine to coarse target minerals
G7	8 [35] - 15 [66]	18 [40] - 27 [60]	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.