



Andritz Separation Quotation No. MN-03824, Rev. 1

5.2 CENTRIFUGE DESCRIPTION

5.2.1 Centrifuge Summary Description

Model.....	LB6150 – Solid Bowl Centrifuge
Quantity:.....	4
Model LB6150	36”X144” – (914mm x 3658mm)
Material of Wetted Parts.....	Carbon Steel
Material of Fasteners	Carbon Steel
Normal Operating Speed	1000 R.P.M.(with alternate sheave for 1400 rpm supplied each machine)
Design Speed.....	2000 R.P.M. (operation at 2000 rpm may require some modifications)
Differential Device	Gear Unit on units 2, 3, and 4; Unit 1 to have Automated Backdrive
Gear Unit Ratio	62:1
Device Style	SAS7H
Material of Base	Carbon Steel
Rotation.....	LH, The bowl rotates counter clockwise when viewed from the feed end.
Main Bearing Type:.....	Spherical Roller
Bowl Angle.....	10 Degree
Bowl Liner.....	Ceramic
Conveyor Bearings:.....	Cylindrical Roller
Conveyor Thrust Bearings.....	Angular Contact Ball Bearing
Conveyor Seal Type	Viton Lip Seals
Conveyor Wear Protection (Tiles)	Tungsten Carbide Tiles
Design Pressure	Atmospheric
Case Gaskets.....	Viton
Case Seals.....	Labyrinth Type Air Restriction Seals
Case Solids Discharge Liner	UHMW Polyethelene
Feed Pipe Material.....	Steel
Feed Pipe Connection.....	4.0 in.
Feed Pipe Seal	Air Restriction Collar
Belt Guard	Carbon Steel
Gear Guard	Carbon Steel
Paint Finish.....	Andritz Standard
Electrical Area Classification.....	Unclassified Non Hazardous
Main Drive Motor	300 HP, 4160 volts

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