



OPERATING PARAMETERS

Fluid	Weak Green/White Liqour
Pumping Medium Temperature (°C)	Ambient
Specific Gravity (kg/m ³)	1
Solids Size (mm)	N.A
Solids (%)	N.A
Viscosity at Pumping Temperature (Cps)	Assumed 500
PH	Assumed Neutral
NPSH Available (MWC)	
Suction Conditon / Head (Bar)	Flooded
Discharge Pressure (Bar)	2

PUMP PARAMETERS

Flow (Cu.m/ Hr.)	5.4
Speed (Pump / Motor)	284
Shaft Power (KW)	1.2
Rated Power (KW)	3
NPSH Required	
Direction of Rotation (View from D End)	CCW

Material OF Construction

Bearing Housing	Cast Iron
Pump Body / Wettable Parts	Stainless Steel 304
Body Seals	EPDM
Rotating Parts	Stainless Steel 304
Rotor	SS304 vcp
Stator	EPBPF Etylene Propylene
Joints	Pin Joint
Shaft Seal	Stuffing box
Suction Flange (Size/ Rating /Location)	DN80, PN16
Discharge Flange (Size/ Rating/ Location)	DN80, PN16
Base Plate	Mild Steel

MOTOR:

Make	Nord
Type	Helical gear
Model	SK25-100L/40
Power (KW)	3
Voltage	415V/3Ph/50Hz
Thermistors (Yes/ No)	Yes
Mounting	B5
Protection Class	IP55
Lubricating Oil (In case of Geared Motor)	Mineral Oil