



OPERATING PARAMETERS

Fluid	Calcium Carbonate Slurry
Pumping Medium Temperature (°C)	Ambient
Specific Gravity (kg/m ³)	N.A
Solids Size (mm)	N.A
Solids (%)	N.A
Viscosity at Pumping Temperature (Cps)	Assumed 500
PH	Assumed Neutral
NPSH Available (MWC)	
Suction Condition / Head (Bar)	Flooded
Discharge Pressure (Bar)	4

PUMP PARAMETERS

Flow (Cu.m/ Hr.)	28.8
Speed (Pump / Motor)	188
Shaft Power (KW)	5
Rated Power (KW)	7.5
NPSH Required	
Direction of Rotation (View from D End)	CCW

Material OF Construction

Bearing Housing	Cast Iron
Pump Body / Wettable Parts	Grey Cast Iron
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)	DN150, PN16
Discharge Flange (Size/ Rating/ Location)	DN150, PN16

MOTOR:

Make	Nord
Type	Helical gear
Model	SK33-132M/4
Power (KW)	7.5
Voltage	415V/3Ph/50Hz
Thermistors (Yes/ No)	Yes
Mounting	B5
Protection Class	IP55
Lubricating Oil (In case of Geared Motor)	Mineral Oil