

.....2..... of NEMO PUMP TYPE

NM031BY01L06B



**OPERATING PARAMETERS**

Fluid	<b>Orange Pulp</b>
Pumping Medium Temperature (°C)	<b>0 to 5C</b>
Specific Gravity ( kg/m3)	<b>Assumed 1300</b>
Solids Size ( mm)	<b>N.A</b>
Solids ( %)	<b>N.A</b>
Viscosity at Pumping Temperature (Cps)	<b>5000 cps</b>
PH	<b>N.A</b>
NPSH Available (MWC)	
Suction Conditon / Head (Bar)	<b>Flooded</b>
Discharge Pressure (Bar)	<b>4</b>

**PUMP PARAMETERS**

Flow (Cu.m/ Hr.)	1.5
Speed ( Pump / Motor)	214
Shaft Power (KW)	0.45
Rated Power (KW)	1.5
NPSH Required	
Direction of Rotation (View from D End)	CCW

**Material OF Construction**

Bearing Housing	Cast Iron
Pump Body / Wetttable Parts	Stainless steel 316
Body Seals	EPDM
Rotating Parts	Stainless steel 316
Rotor	SS316
Stator	EP Etylene Propylene
Joints	Pin Joint
Shaft Seal	MG1-G60 Q2Q2VGG
Suction Flange (Size/ Rating /Location)	DN50, SMS
Discharge Flange ( Size/ Rating/ Location)	DN50, SMS
Base Plate	Mild Steel

**MOTOR:**

Make	Nord
Type	Helical gear
Model	SK01F-AL-90L/4
Power ( KW)	1.5
Voltage	415V/3Ph/50Hz
Thermistors (Yes/ No)	Yes
Mounting	B5
Protection Class	IP55
Lubricating Oil (In case of Geared Motor)	Synthetic Oil