

.....3..... of NEMO PUMP TYPE

NM031BY01L06B



### OPERATING PARAMETERS

Fluid	Apple Crush
Pumping Medium Temperature (°C)	0 to 5C
Specific Gravity ( kg/m3)	Assumed 1200
Solids Size ( mm)	N.A
Solids ( %)	N.A
Viscosity at Pumping Temperature (Cps)	5000 cps
PH	N.A
NPSH Available (MWC)	
Suction Conditon / Head (Bar)	Flooded
Discharge Pressure (Bar)	4

### 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	NBR
Rotating Parts	Stainless steel 316
Rotor	SS316
Stator	SBBPF Nitrile
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