

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

NM031BY01L06B



**Flocculant**

**OPERATING PARAMETERS**

Fluid	Flotation Aid
Pumping Temperature (°C)	45
Specific Gravity ( kg/m <sup>3</sup> )	1000
Solids Size ( mm)	N.A
Solids ( %)	N.A
Viscosity ( mPas)	275mPas
PH	Assumed Neutral
NPSH Available (MWC)	
Suction Conditon / Head (Bar)	Flooded
Discharge Pressure (Bar)	2

**PUMP PARAMETERS**

Flow (Cu.m/ Hr.)	1.2
Speed ( Pump / Motor)	182
Shaft Power (KW)	0.3
Rated Power (KW)	0.75
NPSH Required	
Direction of Rotation (View from D End)	CCW

**Material OF Construction**

Base Plate	SS304
Pump Body / Wettable Parts	Stainless steel 316
Body Seals	NBR
Rotating Parts	Stainless steel 316
Rotor	SS316
Stator	SBBPF Nitrile
Joints	Pin Joint
Shaft Seal	Stuffing box
Suction Flange (Size/ Rating /Location)	DN50, PN16
Discharge Flange ( Size/ Rating/ Location)	DN50, PN16

**MOTOR:**

Make	Nord
Type	Helical gear
Model	SK01F-AL-80L/4
Power ( KW)	0.75
Voltage	415V/3Ph/50Hz
Thermistors (Yes/ No)	Yes
Mounting	B5
Protection Class	IP55
Lubricating Oil (In case of Geared Motor)	Synthetic Oil