

.....1.... of NEMO PUMP TYPE

NM063SY06S36B



### OPERATING PARAMETERS

Fluid	<b>Ceramic Slip</b>
Pumping Medium Temperature (°C)	<b>20 deg C</b>
Specific Gravity ( kg/m <sup>3</sup> )	<b>1750</b>
Solids Size ( mm)	<b>N.A</b>
Solids ( %)	<b>N.A</b>
Viscosity at Pumping Temperature (Cps)	<b>Assumed 500 Cps</b>
PH	<b>Assumed Neutral</b>
NPSH Available (MWC)	
Suction Conditon / Head (Bar)	<b>Flooded</b>
Discharge Pressure (Bar)	<b>30</b>

### PUMP PARAMETERS

Flow (Cu.m/ Hr.)	10
Speed ( Pump / Motor)	230
Shaft Power (KW)	12.5
Rated Power (KW)	18.5
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	NBR
Rotating Parts	Cr-Steel
Rotor	Hardened tool steel- VCP
Stator	CB Buna N
Joints	Pin Joint
Shaft Seal	Stuffing box
Suction Flange (Size/ Rating /Location)	DN150, PN16
Discharge Flange ( Size/ Rating/ Location)	DN150, PN16
Base Plate	Mild Steel

### MOTOR:

Make	Nord
Type	Helical gear
Model	SK52-180M/4
Power ( KW)	18.5
Voltage	415V/3Ph/50Hz
Thermistors (Yes/ No)	Yes
Mounting	B3
Protection Class	IP55
Lubricating Oil (In case of Geared Motor)	Synthetic Oil