

**OPERATING PARAMETERS**

Fluid	Hydrogen peroxide
Pumping Medium Temperature (°C)	Ambient
Specific Gravity (kg/m ³)	2
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)	2

PUMP PARAMETERS

Flow (Cu.m/ Hr.)	15
Speed (Pump / Motor)	264
Shaft Power (KW)	2.4
Rated Power (KW)	4
NPSH Required	
Direction of Rotation (View from D End)	CCW

Material OF Construction

Bearing Housing	Cast Iron
Pump Body / Wettable Parts	Stainless steel 316
Body Seals	Viton
Rotating Parts	Stainless steel 316
Rotor	SS316
Stator	Vi Viton
Joints	Pin Joint
Shaft Seal	MG1-G60 Q2Q2VGG
Suction Flange (Size/ Rating /Location)	DN100, PN16
Discharge Flange (Size/ Rating/ Location)	DN100, PN16
Base Plate	Mild Steel

MOTOR:

Make	Nord
Type	Helical gear
Model	SK25-112M/4
Power (KW)	4
Voltage	415V/3Ph/50Hz
Thermistors (Yes/ No)	Yes
Mounting	B5
Protection Class	IP55
Lubricating Oil (In case of Geared Motor)	Mineral Oil