

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

NLP011BY02S12B



OPERATING PARAMETERS

Fluid	H2 So4 (96%)
Pumping Medium Temperature (°C)	20C
Specific Gravity (kg/m3)	N.A
Solids Size (mm)	N.A
Solids (%)	N.A
Viscosity at Pumping Temperature (Cps)	Assumed 50 Cps
PH	N.A
NPSH Available (MWC)	
Suction Conditon / Head (Bar)	Flooded
Discharge Pressure (Bar)	4

PUMP PARAMETERS

Flow (Lit/ Hr.)	50Ltr/h
Speed (Pump / Motor)	373
Shaft Power (KW)	0
Rated Power (KW)	0.75
NPSH Required	
Direction of Rotation (View from D End)	CCW

Material OF Construction

Bearing Housing	Cast Iron
Pump Body / Wetttable Parts	Stainless steel 316-1.4571
Body Seals	Viton
Rotating Parts	Stainless steel 316- 1.4571
Rotor	SS316- 1.4571
Stator	PTFE
Joints	Pin Joint
Shaft Seal	Stuffing box
Suction Flange (Size/ Rating /Location)	DN80, PN16
Discharge Flange (Size/ Rating/ Location)	DN80, PN16
Base Plate	Mild Steel

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