

.....10.... of NEMO PUMP TYPE

NM053BY02S12B



**OPERATING PARAMETERS**

Fluid	Furnace Oil
Pumping Medium Temperature (°C)	Ambient
Specific Gravity ( kg/m <sup>3</sup> )	0.9
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.)	10
Speed ( Pump / Motor)	306
Shaft Power (KW)	2
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	Grey Cast Iron
Body Seals	EPDM
Rotating Parts	Stainless Steel 304
Rotor	SS304 vcp
Stator	EPBPF Etylene Propylene
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	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