

ANNEXURE - I

PUMP SPECIFICATION, MATERIAL OF CONSTRUCTION & PRICE

PUMP SPECIFICATION

Type :	TRIPLEX PLUNGER HYDRO TEST PUMP
Model No :	SAPX2150IR
Suction Size :	¾" Inch withBSP Connection
Discharge Size :	½ " Inch withBSP Connection
Capacity	
Pressure up to :	0- 500 kg/cm2 7000 PSI
Capacity (LPM) :	21 LPM Flow
Plunger Size :	20 mm
Plunger :	TRIPLEX PLUNGER
Plunger Size :	Ceramic Clotted Plunger and size :- 20 mm
Pump-RPM :	1440
Motor :	30 HP /1440 RPM C. G. Make, Motor Foot Mounted, 50 Hz, 415 V, 4 Pole (Non-FLP Motor) IP – 55, 3 Phase, AC Supply with F Class Insulation, Frame Size :ND 132 M- (Fan Cooled Squirrel Cage)



Standard Accessories with MOC


1. Pressure release cock made from Brass Material
2. Pump body made from Cast Iron and powder coated
3. Pump Head made from Brass Material
4. Pump Plunger Made from Stainless Steel with Ceramic Coated
5. Crank Shaft Made from EN – 29 Material
6. Discharge Pressure hose with attachment of ½" BSP Length 03 Mtrs.
7. Suction pipe with attachment of ½" BSP connection 1 MTRS Length
8. Over flow pipe with attachment of ½" BSP connection 2 MTRS Length
9. Glycerin Filled Pressure gauge 4" Inch Dial MAKE: - Micro Pressure Control with calibrated
10. Pump Unloaded Valve (Pressure Set Vale) Made from Brass (Dia. Cast)
11. Pump NRV made form Stainless Steel 304 Material,
12. Suction Strainer made from Stainless Steel Material
13. Pump Stand made from Mild Steel 3 X 1 ½" C Channel
14. Pulley Coupling Made from Mild Steel Metal and powder coated
15. Pump Mounted on Suitable trolley with four rubber wheel
16. Pump Starter: - C & S - Make Stander Control Penal Box


CONTROL PANEL SPECIFICATIONS

- 1) ON – OFF SWITCH
- 2) SINGLE PHASE PREVENTER
- 3) OVER LOAD RELAY
- 4) MAIN CONTACTOR
- 5) TWO WAY TOGGLE SWITCH OF SPP BY PASS
- 6) INDICATING LAMP FOR R – Y – B, Motor Run, Overload
- 7) SQ. 65 VOLT METER
- 8) SQ. 65 AMP METER


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