

Electrically driven single phase (230V, 50Hz) Bore hole (Tube well) type Submersible Water Pump driven by Induction Motor

NPA Reference No.	Item Number	Item Name
		Single phase vertically mounted borehole submersible type water pump with starter.

Item Description
The pump should be able to be used in water supplying networks, irrigation systems.

Image



Specification	Conformity		Variations (if any)
	Yes	No	
Materials of constructions			
Shaft: - Stainless steel conforming to BS970 grade 431 S29 or AISI 316.			
Impeller: - Leaded gunmetal LG2/LG4 conforming to BS 1400 or stainless steel conforming to AISI 316.			
Casing: - Cast iron conforming to BS 1452 grade 220 or stainless steel conforming to AISI 316.			

Specification	Conformity		Variations (if any)
	Yes	No	
Motor operating condition			
Single phase, nominal voltage 230V, and 50Hz. The voltage fluctuation of the machine should be in conformity with the IEE regulation 16 th edition or BS 7671.			
With over load and electrical protection.			
Construction features			
Extremely compact and reliable pump.			
All the parts of the pump are non-toxic and non-polluting			
Sealed high precession bearings lubricated for life.			
Other requirements			
With mechanical seal and sand protection ring			
With non-return valve			

(2) Performance/Requirements		Conformity		Variations (if any)
	As specified	Yes	No	
Inside diameter of the tube well at pump installation depth (mm): -			
Depth of well (m): -			
Dynamic water level (m):- Pump installation depth below ground level (m): -			
Pumping head (m): -			
Capacity of pump at the pumping head (l/min): -			
Length of power cable (m):-			
Continuous running or not			

Make : -

Model : -

Country of origin : -

Country of manufacture: -

Outlet pipe diameter (mm): -

Operating range : - Discharge (l/min): at min. head (m):

: - Discharge (l/min): at max. head (m):

Motor capacity (kw) : -

Number of stages of the pump: -

Weight (kg) : -

Efficiency % : -

Index of protection number: -

Note: -

(2) Buyer should indicate the performance/requirements.

Maximum allowable water temperature deg. C: -.....

Maximum content of silt that can be handled (ppm): -.....

Dimensions of the machine [L x W x H (mm)]: -

Availability of valid ISO quality assurance certificates: -.....
(Certified copy to be attached)

- Catalogue

The supplier shall submit the diagrams, material and technical details, operation, service and maintenance instructions, head and capacity curve of the pump in English.

Name and address of the bidder: -

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Signature of the bidder

Date

Rubber seal
