

Electrically driven single phase (230V, 50Hz) horizontal type centrifugal water pump driven by an induction motor

NPA Reference No.	Item Number	Item Name
		Single phase horizontal type centrifugal water pump with starter & foot valve

Item Description

The pump should be able to be used in well for pumping water supplying, decanting, mixing and civil engineering industry and agriculture at atmospheric temperature.

Image



Specification	Conformity		Variations (if any)
	Yes	No	
Materials of constructions			
Shaft: - Stainless steel conforming to BS970 grade 431 S29.			
Impeller: - Bronze or leaded gun metal LG2/LG4 conforming to BS 1400			
Pump body: - Cast iron conforming to BS 1452 grade 220.			
Motor housing: - Cast iron conforming to BS 1452 grade 220.			
Foot valve: - PVC			

Specification	Conformity		Variations (if any)
	Yes	No	
Motor operating condition			
Single phase, nominal voltage 230V, 50Hz The voltage fluctuation of the machine should be in conformity with the IEE regulation 16 th edition or BS 7671.			
Suitable for dusty and salty atmosphere, tropical climate.			
Max. relative humidity 95%.			
Max. ambient temperature 38 °C			
With overload electrical protection			
Construction features			
Horizontal split casing centrifugal type			
Mounted on a rigid and robust or fabricated common base plate, suitable for bolting onto a concrete foundation			
Sealed high precession bearings lubricated for life.			
Other requirements			
With starter			
With foot valve			

(2) Performance/Requirements	As specified	Conformity		Variations (if any)
		Yes	No	
<u>Pumping head:</u> - (m) Suction (Inlet): - Delivery (Outlet): - Total head: -			
<u>Out put:</u> - Capacity of pump at the total pumping head (l/min): -			
<u>Usage:</u> - Domestic or industrial or waste water			
With or without deep well kit			
Continuous running or not			

Make : -

Model : -

Country of origin : -

Country of manufacture: -

Inlet pipe diameter (mm): -

Outlet pipe diameter (mm): -

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

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

Motor capacity (kw) : -

Motor speed (rpm) : -

Number of stages of the pump: -

Note: -

(2) Buyer should indicate the performance/requirements.

Weight (kg) : -

Efficiency % : -

Priming arrangement: -

Maximum allowable water temperature deg. C: -

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
