

**Description:-**

The Present Set-Up Consists Of A Runner. The Buckets Are Mounted On The Runner. The Water Is Fed To The Turbine, Through SS Nozzle With A SS Spear, By Means Of Centrifugal Pump, Tangentially To The Runner. Row Of Water Into Turbine Is Regulated By Adjusting The Spear Position By The Help Of A Given Hand Wheel The Runner Is Directly Mounted On One End Of A Central Ss Shaft And Other End Is Connected To A Brake Arrangement. The Circular Window Of The Turbine Casing Is Providing With A Transparent Acrylic Sheet For Observation Of Flow On To The Buckets. This Runner Assembly Is Supported By Rigid Ms Structure. Load Is Applied To The Turbine With The Help Of This Brake Dynamometer So That The Efficiency Of The Turbine Can Be Calculated. Pressure Gauge Is Fitted At The Inlet Of The Turbine To Measure The Total Supply Head To The Turbine.

Specifications:-

- Model : 1 Hp
- Output Power : 1.33 Hp / 1 Kw
- Discharge : 300 Lpm (Approx.)
- Supply Head : 25 M
- Rope Brake Dynamometer : Dia 200 Mm
- Sump Tank Capacity : 150 Liters.
- Water Circulation : Centrifugal Pump
- Capacity : 5 Hp, Three Phase
- Speed : 1000 Rpm (approx.)
- Impeller : Material Brass, Bucket Type
- Nozzle : Material Stainless Steel/Mild Steel
- Spear : Material Stainless Steel/Mild Steel
- Discharge Measurement : Pitot Tube With Manometer
- Control Panel Star/Delta Starter, Mains Indicator, Mcb For Overload Protection

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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