

Product Name :
Pelton wheel turbine test rig capacity 1HP (A.C motor)

Product Code :
HYDRAULIC0007



Description :

Pelton wheel turbine test rig capacity 1HP (A.C motor)

Technical Specification :

- 1. Pelton wheel turbine test rig (IMPULSE TURBINE)
- 2. Shaft Diameter: 25 mm
- 3. Discharge: 200 gpm
- 4. Normal Speed: 1000 rpm
- 5. Normal Power: 1 HP
- 6. Jet Diameter: 20mm (maximum)
- 7. Pelton Disc Diameter: 400 mm
- 8. Jet Ratio: 12 mm/min
- 9. No. of Buckets: 14 Nos.
- 10. Pelton wheel Diameter: 200 mm
- 11. Rotor Diameter: 15 mm
- Supply Pumpset :**
 - 1. Discharge: 200 gpm
 - 2. Normal Speed: 2880 rpm
 - 3. Power required: 5 HP
 - 4. Size: 100 mm x 50 mm
 - 5. Type: High speed Centrifugal, single suction volute
- 6. Type: CR1-5 HD
- Flow Measuring Unit :**
 - 1. Size of Venturimeter: 50 mm
 - 2. Diameter Flange: 150 mm
 - 3. Area Ratio: 1.33
 - 4. Throat Diameter: 20.5 mm
 - 5. Inlet cone angle of Venturimeter: 200
- 6. Diverging cone angle of venturimeter: 100
- 8. Pressure Gauge: 0 - 4 Kg/cm² - 2 Nos

