

Product Name :
Gear Pump Test Rig

Product Code :
NLAB-MECHANICALAB220004



Description :

Gear Pump Test Rig

Technical Specification :

DESCRIPTION

The unit consists of a Gear pump mounted over the sump tank, the unit is self contained, re-circulating type provided with vacuum gauge at suction and pressure gauge at discharge. A gate valve is provided at discharge to vary the head. Input to motor, output of pump and pump performance can be estimated at different heads.

SPECIFICATIONS

- Gear Pump – 1H.P (700 RPM)
- A.C. Motor – 1HP (1440 RPM) (with 3 step cone pully)
- Sump tank - 445 x 445 x 400 mm.
- Measuring tank - 445 x 300 x 395 mm.
- Energy meter for motor input measurement.

- Pressure & Vacuum gauge for measurement of head.
- Transparent pizometer tube with scale to measure measuring tank discharge.

SERVICES REQUIRED

- 440 V, 32 A, AC supply.
- Floor space of 1m x 1m (approx)
- Tachometer or RPM Indicator (can be supply at extra cost.)
- SAE 40 Lubricating Oil (can be supply at extra cost.)

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