

Product Name :
SINGLE CYLINDER FOUR STROKE PETROL ENGINE

Product Code :
NLAB-MECHANICALAB190017



Description :

SINGLE CYLINDER FOUR STROKE PETROL ENGINE WITH ELECTRICAL DYNAMO METER

Technical Specification :

Engine : Single-cylinder 4-stroke Petrol Engine,
(HONDA-GX160 make)

Maximum power (P) : 4.8 HP (3.6 kW) @ 3,600 rpm

Rated speed (N) : 3600 R.P.M.

Speed measurement : Digital RPM Indicator OR Tachometer at Extra Cost

Temperature : Multi - Channel digital Temperature Indicator

Compression Ratio (CR) : 9.0 : 1

Net Torque : 7.6 lb-ft (10.3 Nm) @ 2,500 rpm

Displacement : 163 Cm³
Piston Stroke (L) : 45 mm

Bore (D) : 68 mm

Starting : Recoil Starter

Loading (BHP, Maximum) : Electrical Dynamometer with heater coils

Engine cooling : Air Cooled

Exhaust gas calorimeter : Shell and Tube Type Calorimeter

(For Heat balance sheet)

Engine Output (watt) : Digital Voltmeter and Ammeter for dynamometer

Air flow : By M/S tank, Orifice plate, a Manometer

Fuel flow rate : Glass Burette with cover

Required Service : 15 amp single phase electrical connection

1/2" Continuous water supply

Proper Rigid Concrete foundation

The whole setup is fitted on M.S. Frame & Control panel.

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