

Product Name :
MULTI CYLINDER FOUR STROKE PETROL ENGINE

Product Code :
NLAB-MECHANICALAB190022



Description :

MULTI CYLINDER FOUR STROKE PETROL ENGINE WITH EDDY CURRENT DYNAMO METER

Technical Specification :

Engine : Multi-cylinder 4-stroke Petrol Engine,
(Maruti make)

Maximum power (P) : 27.6 kW (37 HP)

Rated speed (N) : 5000 R.P.M.

Speed measurement : Digital RPM Indicator

Temperature : Multi - Channel digital Temperature Indicator

Compression Ratio (CR) : 9.2:1

Stroke length : 72.0mm

Connecting rod length : 114mm

Bore (D) : 66.5mm

No. of cylinders : Three or Four

Starting : Key Start with battery

Loading (BHP, Maximum) : Eddy Current Dynamometer

Water cooling : Water cooling for auxiliary Head

Exhaust gas calorimeter : Shell and Tube Type Calorimeter

(For Heat balance sheet)

Engine Output (Kg.) : Spring Balance 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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