

Product Name :
MULTI CYLINDER FOUR STROKE PETROL ENGINE
WITH HYDRAULIC DYNAMOMETER

Product Code :
Heat Engine0008



Description :

MULTI CYLINDER FOUR STROKE PETROL ENGINE WITH HYDRAULIC DYNAMOMETER

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) : Hydraulic Dynamometer.
Water cooling : Water cooling for auxiliary Head
Exhaust gas calorimeter : Shell and Tube Type Calorimeter
(For Heat balance sheet)
Engine Output (Kg.) : Digital Load Indicator 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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