

Product Name :
MULTI CYLINDER FOUR STROKE DIESEL ENGINE
WITH EDDY CURRENT DYNAMOMETER

Product Code :
Heat Engine0006



Description :

MULTI CYLINDER FOUR STROKE DIESEL ENGINE WITH EDDY CURRENT DYNAMOMETER

Technical Specification :

Engine : Multi-cylinder 4-stroke diesel Engine, (Mahindra make)

Maximum power (P) : 55 @ 3000 RPM (DIN70020)

Rated speed (N) : 3000 R.P.M.

Speed measurement : Digital RPM Indicator

Temperature : Multi - Channel digital Temperature Indicator

Compression Ratio (CR) : 18:1

Stroke length : 101.6 mm

Capacity : 2523 cc

No. of cylinders : Four

Bore (D) : 88.9 mm / 101.6 mm

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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