



4 STROKE DIESEL ENGINE, SINGLE CYLINDER C100B



Year 1
study

Features

- Optional Four Stroke Diesel Engine test set
- Pre-installed on a standard mounting plate that is designed to allow quick and easy installation on the test bed.
- All fuel and electrical connectors factory fitted to connect to an existing C100.
- Research opportunity to investigate BIO fuels.

Description

Optionally available Four Stroke Diesel Engine for use with the C100 Internal Combustion Engine Test Stand.

Related Laws/Applications

- Research
- Thermodynamics
- Energy Conservation
- Mechanical Engineering
- Plant and Process Engineering
- Automotive Engineering
- Fluid Mechanics
- BIO Fuels

Learning capabilities

- Measurement of the Specific Fuel Consumption at Constant Speed and Varying Power Output on a Diesel Engine
- Measurement of Air-Fuel Ratio and Engine Thermal Efficiency at Constant Speed and Range of Injector Settings on a Diesel Engine
- Measurement of the Torque - Speed and Power - Speed for an Internal Combustion Diesel Engine at a Range of Injector Settings.

Technical Specification

- Vertical cylinder, 4 cycle, air-cooled Four Stroke Diesel Engine
- Engine Maximum output 4.6HP (3.5kW)
- Engine rated speed: 3600rpm
- Engine Displacement: 211cc
- Engine Bore and Stroke: 70 x 55mm
- Engine Cylinders: 1

Essential Ancillaries

- C100/415/A
- (or C100/220/A)

Recommended Ancillaries

- C100B

What's in the Box?

- 1 x Diesel Engine
- 1 x Pulley
- 1 x Engine mount and coupling
- 1 x fuel tank
- 1 x spare V belt
- 1 x spare oil
- Packing List
- Test Sheet

You might also like

- C100A

Essential Services

- C100/415/B or C100/220/B
- Diesel Engine Fuel Type: Diesel

Ordering information

To order this product, please call PA Hilton quoting the following code:
C100B

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COUNTRY OF ORIGIN - UK WARRANTY PERIOD - 5 YEARS