



DESCRIPTION

A cutaway long coupled centrifugal pump with 2.5" or DN65 inlet port for studying the internal construction and operation of a long coupled industrial Centrifugal Pump.

Centrifugal pumps are the most commonly used pumps in the world. They are robust, reliable and cost-effective.

Centrifugal pumps consist of a rotating impeller that transfers kinetic energy into a pressure increase from the pump inlet to the pump outlet. This pressure difference forces fluid through the pump. Centrifugal pumps are used in a wide variety of industrial, commercial and domestic applications.

The CPU-CC, CPU-LC and CPU-MC series of cutaway centrifugal pumps use new industrial close couple, long coupled and multi-stage centrifugal pumps that are cut away to clearly show the inlet, outlet, impeller, bearings and seals, allowing students to easily visualise pump operation and identify the main pump components.

The cutaway centrifugal pump is mounted on a coated aluminium stand for easy hands-on training on the internal construction, operation, repair and maintenance of a long-coupled centrifugal pump.

LEARNING OBJECTIVES

The internal construction of an industrial long coupled centrifugal pump

Identify the main parts of an industrial long coupled centrifugal pump

Visualisation of the flow path in an industrial long coupled centrifugal pump

Operation of an industrial long coupled centrifugal pump

Maintenance of an industrial long coupled centrifugal pump



Centrifugal Impeller

VOCATIONAL TRAINING EQUIPMENT

2.5"/DN65 CUTAWAY LONG-COUPLED CENTRIFUGAL PUMP

CPU-CL25

TECHNICAL SPECIFICATION

New long coupled centrifugal pump
2.5"/DN65 inlet
1.5"/DN40 outlet
End suction
Top discharge
104mm impeller
Section to reveal centrifugal impeller, shaft and bearings
Colour coded for easy component identification
Handle for rotation of impeller and shaft
Mounted on a sturdy base plate or mobile frame for ease of use

ALTERNATIVE PRODUCTS

CPU-CC20 2"/DN50 Cutaway Close-Coupled Centrifugal Pump
CPU-MC20 2"/DN50 Cutaway Multi-Stage Centrifugal Pump

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