



DESCRIPTION

A cutaway close coupled centrifugal pump with 2"/DN50 inlet port for studying the internal construction and operation of a close 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 close-coupled centrifugal pump.

LEARNING OBJECTIVES

The internal construction of an industrial close coupled centrifugal pump

Identify the main parts of an industrial close coupled centrifugal pump

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

Operation of an industrial close coupled centrifugal pump

Maintenance of an industrial close coupled centrifugal pump



Centrifugal Impeller

VOCATIONAL TRAINING EQUIPMENT

2"/DN50 CUTAWAY CLOSE-COUPLED CENTRIFUGAL PUMP

CPU-CC20

TECHNICAL SPECIFICATION

Manufactured using a new industrial close-coupled centrifugal pump for real industrial training

2"/DN50 inlet port

Handle for impeller rotation

Mounted on coated aluminium base for tabletop mounting

Cutaway section to show all main valve components and valve operation

All gaskets and seals area shown

Colour coded with red body, blue wetted surfaces and black cut section to clearly show valve construction

Supplied with reference material

Packed for quick and safe delivery

ALTERNATIVE PRODUCTS

CPU-CL25 2.5"/DN65 Cutaway Long-Coupled Centrifugal Pump

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

DPU-CC20 2"/DN50 Single-Stage Centrifugal Pump Assembly Kit

DPU-MC10 1"/DN15 Magnetic Drive Centrifugal Pump Assembly Kit

DPU-MC20 2"/DN50 4-Stage Centrifugal Pump Assembly Kit

DPU-MCP10 1.5"/DN40 Dissectible 4-Stage Centrifugal Pump

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