

FUNDAMENTALS OF HYDRAULICS

RE 122

Description:

The definition of Hydraulic is a process that uses electric energy under the surface of a liquid. Designating of a process for converting electrical energy to high-pressure, mechanical shock waves by the discharge of a high-voltage arc under the surface of a liquid medium. This unit is a fully equipped training system with all necessary components and aids to conduct a comprehensive training course in the fundamentals of hydraulic controls. Performance of various hydraulic equipment e.g. accumulator, valves, etc. can be investigated.

Specifications:

- Accumulator
- Flow and pressure control valve
- One way and two ways cylinder
- Reservoir oil tank
- Pressure gauges
- One way valve
- Solenoid valve
- Hydraulic lock
- 3 ways valve
- Quarter turn valve
- 3/4 and 2/4 directional valves
- Hydraulic couplings and hoses
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Investigating of one way and two ways hydraulic cylinder performance and control
2. Investigating of different directional control valves e.g. 4/2 and 4/3
3. Familiarizing with several hydraulic devices

Required For Operation:

- 220V Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

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Dimensions (L*W*H) mm:1800x 900 x 1400

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