

Product Name : Training System Fundamentals of Hydraulics with Electrohydraulic Components	Product Code : AR652
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Description :

Training System Fundamentals of Hydraulics with Electrohydraulic Components

Technical Specification :

Training System: Fundamentals of Hydraulics with Electrohydraulic Components
Training system providing an introduction to the fundamentals of hydraulic control engineering, BIBB concept
Perforated metal panel for quick component fixing
Oil drip tray
Standard industrial hydraulic components
Various multi-way valves, pressure limiting,
Restrictor, flow control and non-return valves
Hydraulic motor
Diaphragm accumulator
Weighted piston with guard
Pressure hoses with self-closing quick-couplers
Drive unit with gear pump

Technical Data:
Assembly panel
Length x Height: 1420x700mm
Drive unit
With gear pump
Working pressure: 100bar

Flow rate: 4cm³ per revolution
Power output: 1,5kw
Speed: 1500rpm
Oil tank capacity
25L
Measuring tank
3L, transparent
Diaphragm accumulator
1L
Opening pressure: 140bar
Pressure hoses
225bar
Emergency-off button
Components set electro hydraulics
Locking
Sequence control
Hold a load
Experimental components
1 plate with electric switching elements, 2 electric limit switches
2 relays, 1 adjustable time relay
2 4/2-way valves with spring return
1 4/3-way valve, spring-centered, A, B, P, T closed in centre position
1 4/3-way valve, spring-centered, A and B closed
2 relays, 4 change over contacts each
Time relay, 2 change over contacts, 0...30sec
4 way solenoid valves 24VDC: 2x 4/2-way valve, 2x 4/3-way valve
2 electrical limit switches, 1 make contact
Electric switching elements, 2 break contacts, 2 make contacts

Technical Data:

Power supply
24VDC
Components mounted on plates
Set of measuring leads
4mm plug, red, black
Electric switching element
2 push buttons
1 switch
230V, 50Hz, 1 phase.

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