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Product Name :
Thermodynamics Of The Refrigeration Circuit

Product Code :
LBNY-0005-125000104



Description :

Thermodynamic Investigation Of A Refrigeration Circuit
Compressor Drive With Speed-Controlled Motor Via V-Belt
Motor On Pendulum Bearing For Torque Measurement
Refrigeration Circuit With Open Compressor, Water-Cooled Condenser, Displays for temperature, pressure, flow rate, speed, torque and power at the equipment
Thermostatic Expansion Valve And Indirectly Heated Evaporator
Water-Cooled Coaxial Coil Heat Exchanger As Condenser
Tube Evaporator With Hot Water Circuit As Cooling Load.

Technical Specification :

Condenser
Capacity: 1300W
Open compressor
Motor: 550w, 1400min-1
Heater: 1x 1000w
Refrigeration Capacity: Approx. 550w .
Measuring ranges
Pressure: 1x -1...9bar, 1x -1...24bar, 2x -1...15bar
Flow rate (water): 5...70g/s
Flow rate (refrigerant): 0...0,5L/min
Temperature: 9x -30...100°C, 1x 0...100°C
Speed (compressor): 0...2500min-1

Torque (compressor): 0...10nm
Power (heater): 0...1125w
Power consumption (compressor): 0...1125w.



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