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Product Name :
Comparison of Positive Displacement Machines and
Turbomachines

Product Code :
LBNY-0005-103000184



Description :

Flow determined by level (water) or Venturi tube (air)
Digital displays for pressure, differential pressure, temperature, speed and drive power
Comparison of driven machines for liquid and gaseous media
Closed water circuit
Drive motor with variable speed
Two compressors: piston compressor and rotary vane compressor
Four pumps: piston pump, impeller pump, two centrifugal pumps.

Technical Specification :

Technical Data:

Rotary vane compressor
Max. volumetric flow rate: 90L/min
Safety valve: 0,8bar
Max. pressure difference: 0...7bar
Piston compressor
Max. volumetric flow rate: 115L/min
Max. pressure difference: 10bar
Piston pump
System pressure is limited to max. 6bar
Max. flow rate: 14,6L/min
2 centrifugal pumps

Max. flow rate: 60L/min, max. head: 18m
Impeller pump
Max. flow rate: 25L/min, max. pressure: 1,5bar
Electric motor, 4-pole
2 water tanks: 60L, 10L
Max. power: 0,75kW
2 pressure vessels: 10L, max. 10bar
Nominal speed: 1370min-1.



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