

Product Name :
Two-Stage Piston Compressor

Product Code :
DM107



Description :

Two-Stage Piston Compressor

Technical Specification :

Two-Stage Piston Compressor

Recording the characteristic of a two-stage compressor

Piston compressor with 2 cylinders in v-arrangement

Plant control with plc, operation via touch screen or an end device

Screen mirroring: possible to mirror the user interface on up to 10 end devices

Network capability: access to ongoing experiments and their results from up to 10 external workstations simultaneously via the local network

Intake vessel with nozzle to measure the intake volumetric flow rate, pressure sensor and additional manometer

Pressure vessel after the first stage as intercooler

Pressure vessel after the second stage with safety valve, blow-off valve and silencer as well as an additional manometer and a pressure switch

Sensors for pressures, temperatures and electric power output

Technical Data:

PLC: Included

Compressor

Two-stage

With 2 cylinders in a v-arrangement

Power consumption: 3kw

Speed: 710min-1

Intake capacity: 250l/min
Quantity delivered: 202l/min (at 12bar)
Operating pressure: 12bar, 35bar
Intake vessel: 20l
Pressure vessels, 16bar; capacity:
After 1st stage: 5l
After 2nd stage: 20l
Safety valve: 16bar
Measuring ranges
Differential pressure: 0â€¦25mbar
Pressure: 1x 0â€¦1,5bar; 2x 0â€¦16bar
Temperature: 4x 0â€¦200Â°c
Power: 0â€¦3500w
400V, 50Hz, 3 phases;

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