Product name:	Product code:
Gas Turbine Jet Engine	Fluid Equipments0009



Description

Gas Turbine Jet Engine

Technical specification

- Max. thrust: 82N at 117000min-1
- Speed range 35000...117000min-1
- Fuel consumption: max. 22L/h (full load)
- Exhaust gas temperature: 610°C
- Sound level at 1m distance: max. 130dB(A)
- Fuel: kerosene or petroleum + turbine oil
- Starting system: electric starter
- 1 tank for fuel: 5L

Measuring ranges

- Differential pressure: 0...150mbar
- Combustion chamber pressure: 0...2,5bar
- Temperature: 2x 0...1200°C / 1x 0...400°C
- Speed: 0...120000min-1
- Fuel consumption: 0...25L/h
- Force: 0...+/-200N

Gas Turbine Jet Engine

Specification: **Gas Turbine Jet Engine**

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- Experiments relating to the function and behaviour during operation of a jet engine
- Gas turbine with radial compressor and axial turbine as jet engine
- Single-shaft engine
- Protective grating for the jet engine
- Turbine mounted on moving base with force sensor for thrust measurement
- Electric starter for fully automatic start-up
- Additional remote control for display and control of the jet engine

Technical Data

Jet engine