

Asynchronous electric engine



DESCRIPTION

- This unit can be connected to the rotary machines unit.
- The equipment is designed and manufactured to industrial standards.
- A quick coupling system and the alignment of the axles makes it easy to connect this unit to rotary machines unit.

SUGGESTED APPLICATIONS

- ⇒ Operation of an asynchronous engine
- ⇒ Collect data to generate graphs of the following as a function of engine speed:
 - torque
 - power
 - electrical consumption
 - efficiency
 - power factor

TECHNICAL SPECIFICATIONS

Asynchronous engine

- Bipolar – 3000 RPM
- Rated horse power : 3 kW
- Auto-ventilation
- Efficiency (use : $\frac{3}{4}$ and $\frac{1}{2}$) : 80%
- Noise level : 93 dB (according to CEI 34-9)

Equipment

- The parameters U, i, Cos φ are measured and displayed.