Asynchronous motors



Task 1. Work at pronunciation

To rotate	Вращаться
Blower	Вентилятор
To decrease	Уменьшаться
To require	Требовать
Slip	Скольжение
Excellent	Отличный
Applied	Приложенный
Mill	Фабрика, завод

Task 2. Pronounce the words.

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Task 3. Read the text. Fill in the gaps. Use the hints below.

Asynchronous motor is a machine whose rotor _____at the speed less than the synchronous motor. Asynchronous motors are used in blowers, compressors and lifts, paper and textile mills, in centrifugal pumps and fans. These motors are self-starting. The speed of an asynchronous motor decreases with the increasing load. Change in the applied _____affects the torque of the asynchronous motor. The rotor of asynchronous motor does not _____current.

Asynchronous motors are less _____than synchronous motors. They are less costly. Asynchronous motors don't require an additional power source. The value of slip is not equal to zero. AC Induction Motor is known as the asynchronous motor. Above 600 rpm speed motor operation is excellent.

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voltage
efficient
require
rotates

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