

- A normal stator is used.
- A rotor similar to an alternator is used.
- The slip rings are replaced with an inductive transformer across the axis of the shaft.
- The Inductive transformer is the only method of transferring power to the rotor.
- An AC square wave is fed to the stationary coil.
- The Amplitude is variable on the waveform for variable torque.
- Frequency \uparrow will be 20kHz or higher (switching)
- Rotational Frequency will be lower: 0-500hz