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非同步變阻抗感應馬達的設計

Design of the Asynchro Impedance Variable Induction Motor

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Abstract

The performance of motors determines the gross energy efficiency of electric vehicle and characteristics of operation of entire vehicle. This ac asynchro impedance variable Induction motor (V.Z.I.M.) characterized by sturdy construction, reliable performance and reasonable price performs axial displacement modulation by using its multi-section squirrel-case rotor and furthermore create new mechanisms to satisfy the torsion needed in high??middle and low-speed. good energy efficiency needed in the broad range of speed from low to high speed. capability of momentary overload. strong construction ensuring reliable performance and long service life. The controller that are economically equipped.

Key words : AC asynchro VZ induction motor of the impedance-variable squirrel-cage rotor