

KONČAR

Three-phase asynchronous traction motor for the electric multiple unit



A new compact AC traction motor with an output of 525 kW has been developed. The motor is designed for speed regulation via an inverter in the range 0-5200 rpm. New insulation system in class C200 has been developed, resistant to heavy specific drive conditions.

Three-phase asynchronous traction motor for the electric multiple unit

Type V6AOJ 355-04

Basic data

Rated power	525 kW
Rated voltage	1000 V
Rated current	359 - 372 A
Rated speed	2172 - 5200 rpm
Frequency	73 - 175 Hz
Insulation class	200
Degree of protection:	IP 20
Method of cooling:	IC17
Weight:	1200 kg
Standard:	IEC 60349-2

Other characteristics:

- IGBT inverter-fed motor
- one bearing
- pulse sensor
- resistance thermometers in winding

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