

## 2.06. VECTOR-CONTROLLED ASYNCHRONOUS ELECTRIC TRACTION DRIVE



Areas of application: electric traction drive of urban electric transport (trolleybus, street car); hybrid vehicles; electric drive of transit vehicle; electric buses.

**Technical specifications:** power of production prototype – 200 kW.

**Advantages:** the developed algorithms of vector control of a traction motor moment meet the best world standards and provide:

- increase of energy efficiency of 10% compared to the existing ones with frequency control;
- improved dynamic vehicle characteristics, including increased passenger comfort.