FRAISMOTOR FSM240

Innovative multiphase electric motor with top performance.

FraisTechnology offers the original Czech multiphase electric motor with world-leading parameters. Its use enables electrification even where it has not made sense before – by combining high power, torque and efficiency with low weight, small footprint and affordable price, without the need for reduction gears and other conventional components. The in-house designed multiphase controller is encapsulated directly in the motor body.

Unique selling points:

- 50 kW, 500 Nm, 1500 rpm, 15 kg.
- World's highest torque-to-weight ratio – up to 50 Nm/kg.
- Usable as a hub motor.

Product

Innovative multiphase electric motor

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation

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