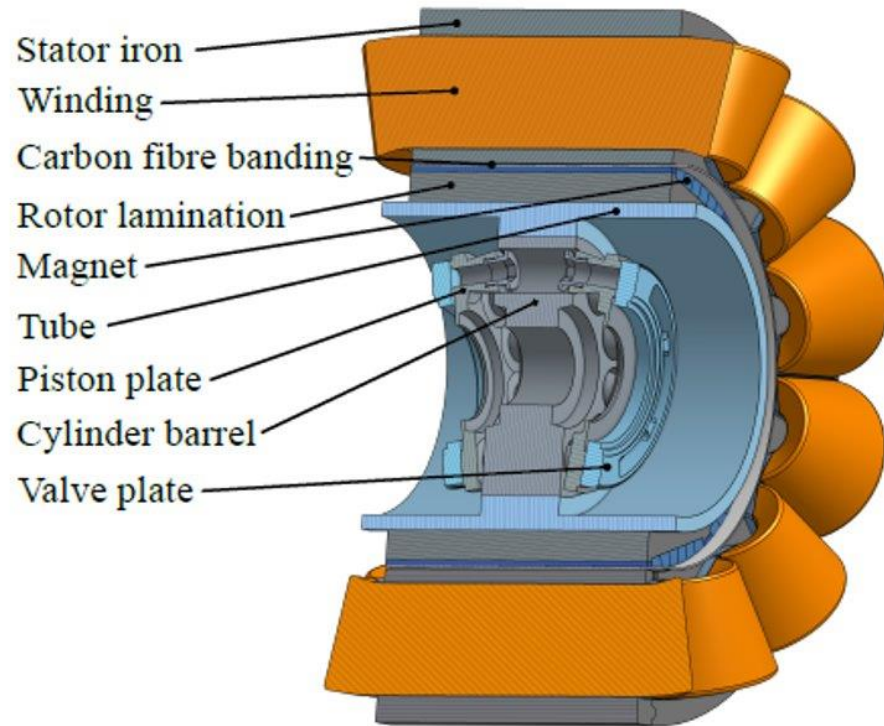


Electric motor + hydraulic pump fusion for electrification



The Goal of the Project:

The project aim is to accelerate the implementation of electric drive systems for heavy off-road vehicles through a more optimized electric motor and hydraulic pump unit. All vehicles with any hydraulic auxiliary system will benefit from the project.

Expected Result:

- Developing methods and models to analyze the connection between electric and hydraulic units.
- Building competence in electric motor design strongly connected to hydraulic systems.
- Continue updates of earlier produced E-pump including new prototypes.
- Functional tests at different rigs and mules to verify usefulness of the E-pump.
- Presentations of the project in a variety of workshops and conferences.
- Finalize one doctoral thesis