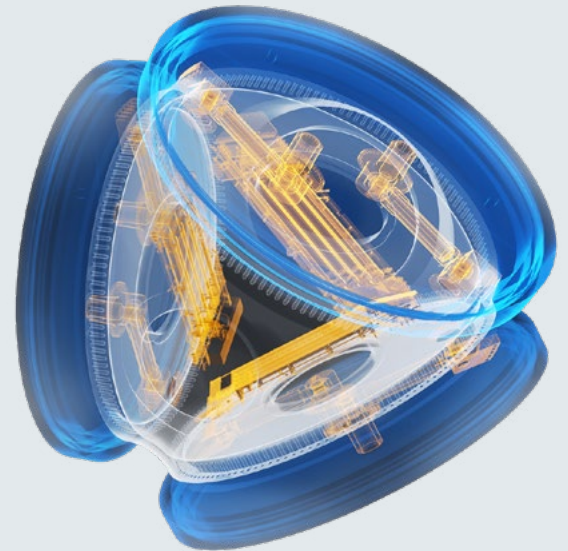




Pitch Bearing Unit (PBU)

Technical information for the product in exposition

- ➞ Extender bearing unit that is screwed between the hub and the blade
- ➞ Integration of pitch drive, pitch bearings and stiffness elements into the PBU
- ➞ Structural design of the PBU tailored to OEM-specific turbine designs



Description

3D print model of a Pitch Bearing Unit (PBU) to be connected between the hub and the blade of wind turbine applications.

Advantages

- Cost savings through better transportation options and a less complex hub design
- Reduction of hub size and complexity
- Plug-and-play function - simplifies the development and design of wind turbines
- Improved stiffness for blade bearings
- Ready-to-run: Less assembly work at the OEM in the factory, less assembly work on the construction site
- Enables standardization and modularization of the hub across platforms and/or OEMs

Customer benefit



Standardization



Upgrade



Transport



Modularization