This is ONLY for promotion and advertisement, but not technical document. Please refer to related products catalogues for detailed information about product performance, specifications, after-sale service. Note: The model numbers and parameters will be updated occasionally without notice, please refer to the latest NGC brochure.

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What is NGC StanGear?

NGC StanGear is a serialized product platform for wind main gearbox and pitch & yaw drives from which the wind turbine manufacturers can choose the appropriate existing products from the catalog to match their needs.

How is NGC StanGear generated?

Up until now, the wind gearboxes are mainly designed according to the turbine manufacturers’s specifications. It leads to a big diversity of the gearboxes in the wind farms, long new product development period, rigid cost structure due to limited scale and reliability risk due to the new design.

Based on its big database and reliability study by 50,000 main gearboxes and over 300,000 pitch and yaw drives delivered worldwide, as well as the diversified field applications, NGC has developed the NGC StanGear platform by modularization and standardization of the layout structure, components and materials.

What are the customer’s value of NGC StanGear?

- Lower cost of new product development
- Shorter time for new product to market
- Higher reliability
- Larger scale effect
- Optimized service

How to use the NGC StanGear by turbine manufacturers?

According to NGC StanGear catalog and the turbine specifications, the turbine designers choose either an exactly same gearbox item or the closest one for the minimum modifications. The turbine designers should be ready to adjust the turbine design to a limited extend so as to realize the maximum benefit for the whole turbine drive train.

Where do I get the detailed information of NGC StanGear?

Please approach NGC engineers.

Wind turbine market situation

Gearbox delivered by NGC