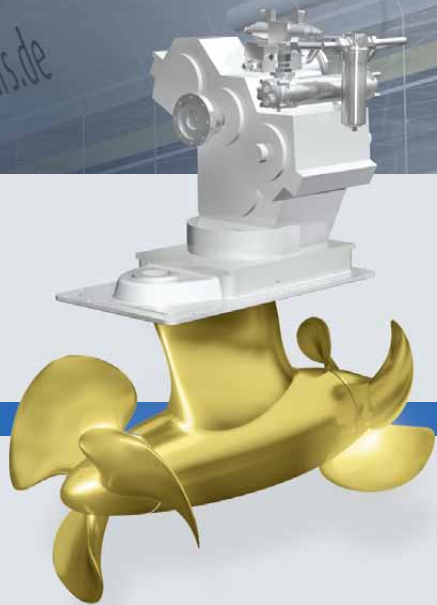
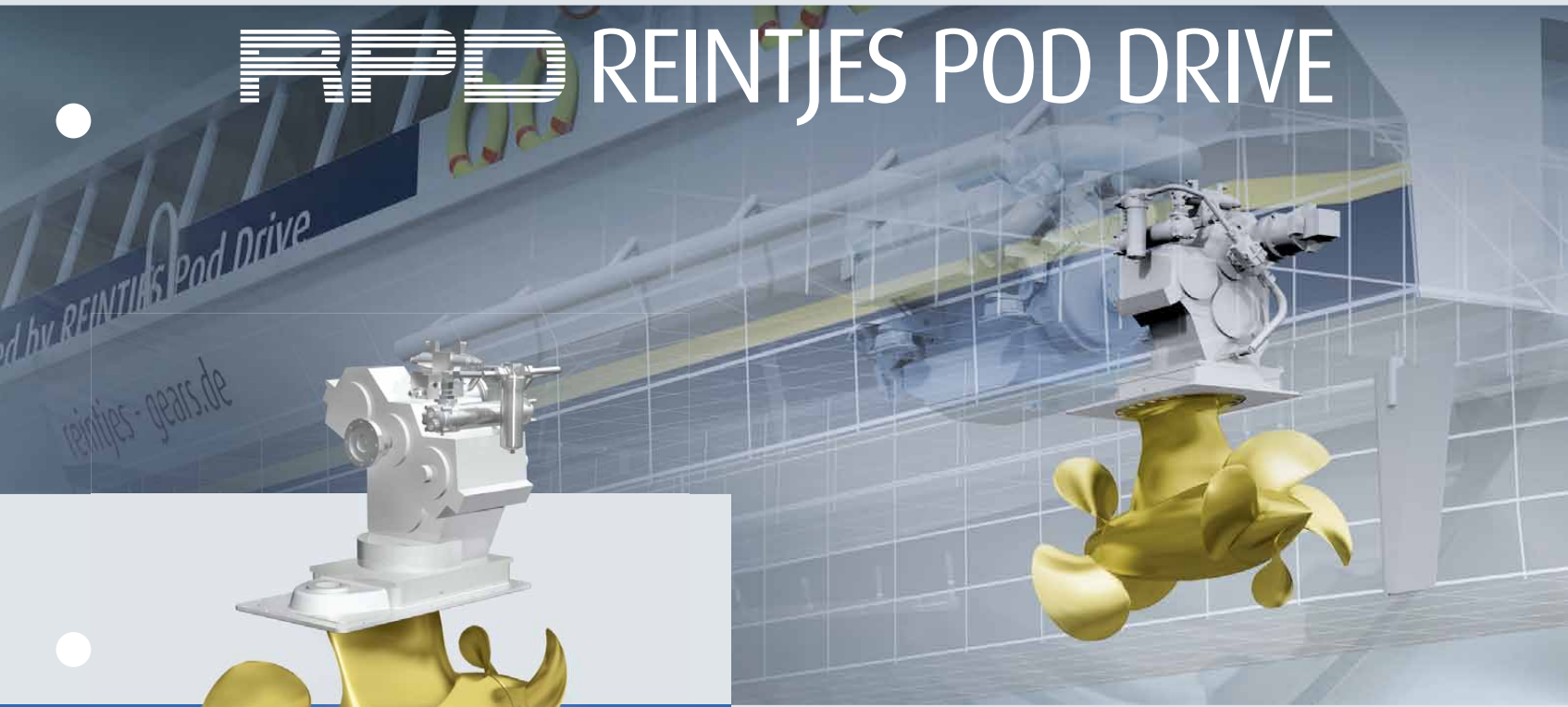


Fast Commercial Vessels

RPD REINTJES POD DRIVE



YOUR PARTNER FOR THE FUTURE



Applications for Fast Commercial Vessels

RPD 3000

Sophisticated solutions

Propulsion systems of the new REINTJES Pod Drive system (RPD) have especially been designed for commercial applications such as crew boats, wind park suppliers, catamaran ferries or other fast commercial vessels with similar high requirements.

The Counter Rotating Propeller (CRP) system with rigid asymmetrical strut sets new standards – not only with regards to reduced fuel consumption but also in space saving and manoeuvrability aspects.

Unique slow speed drive

While traditional systems need a certain minimum engine speed to operate effectively, the REINTJES slow speed and manoeuvring speed facility can be used even at low engine speeds.

As the propeller flow leaves the CRP almost swirl-free, the rudder operates optimally also at minimal speed and enables excellent manoeuvrability.

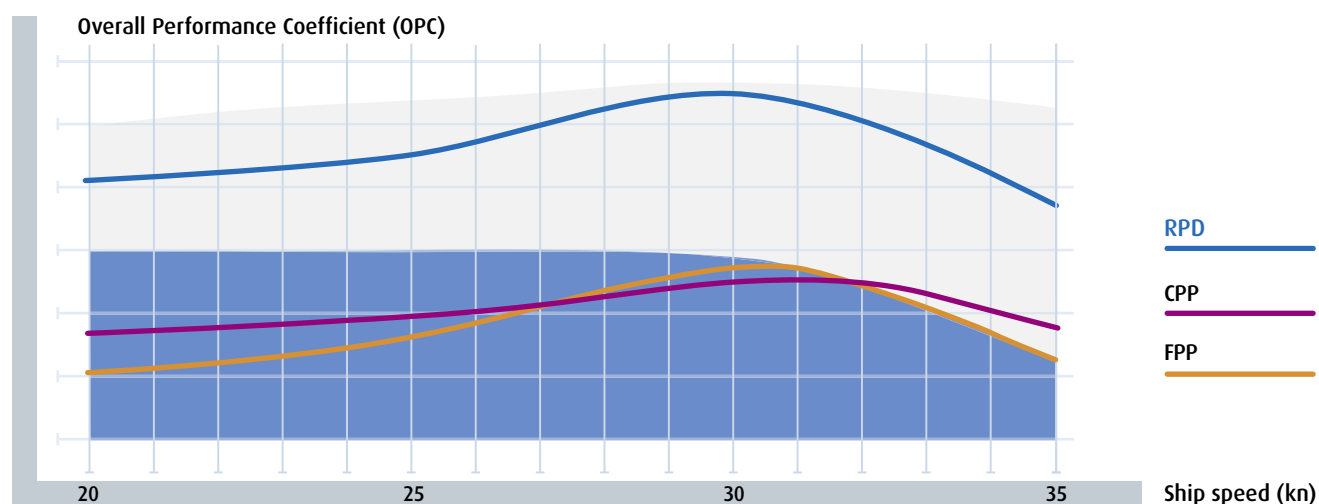
Owing to their design for specific areas of operation, the RPD system offers various special advantages:

- Increased efficiency
- Excellent handling and manoeuvrability even at slow speed operation
- Space saving design
- Low installation and maintenance costs
- Extraordinary strong PTO application

System selection and support

The RPD 3000 is available for engine outputs up to 809 kW at 2,100 rpm.

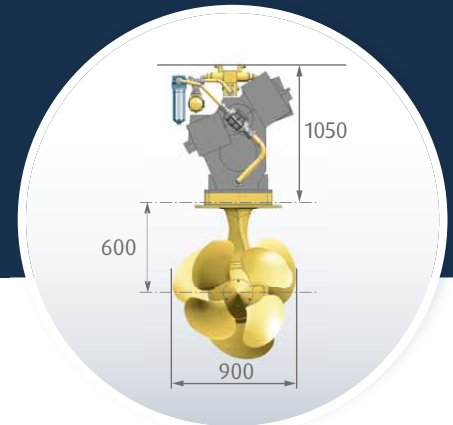
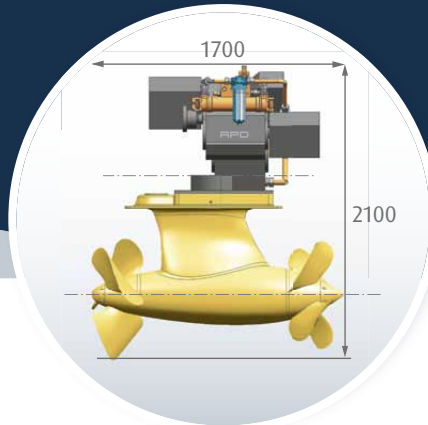
For the final selection of your propulsion system please contact your local REINTJES partner. We do not only offer you excellent products but are also prepared to support you with tunnel and rudder design.





RPD 3000

Non-steerable unit with counter rotating propellers and integrated reverse-reduction gearbox with hydraulically operated clutches
Vertically offset



Special features

Power Take Off (PTO)

The RPD system is fitted with an extraordinary strong Power Take Off (1,400 Nm) which allows for using powerful thrusters for manoeuvring under the toughest of conditions. This provides highest PTO power at low speeds already.

More cargo capacity

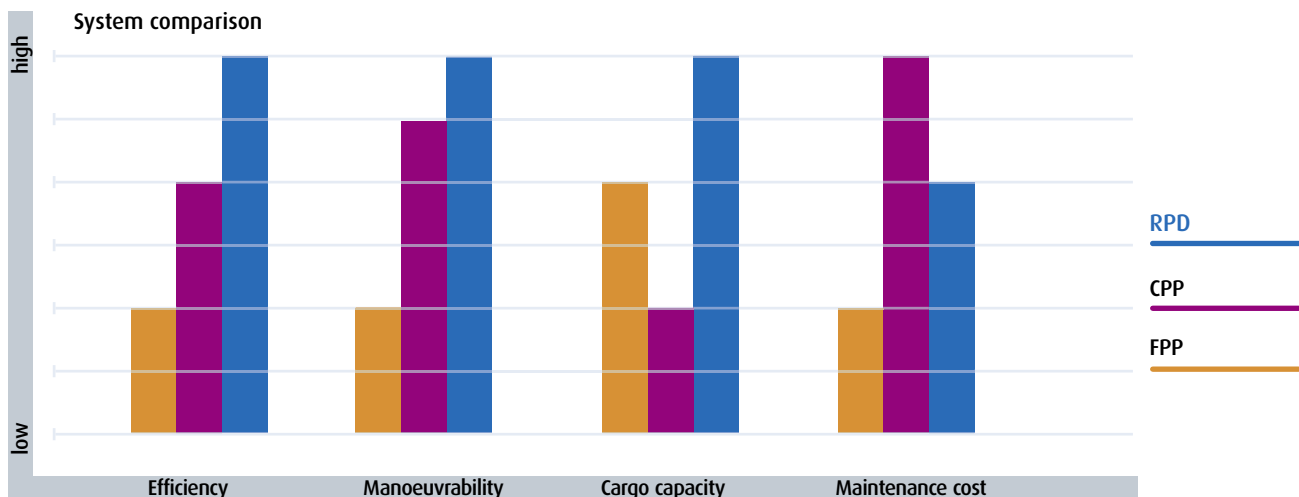
Due to its space saving design (up to 4 times smaller than a CPP installation) the RPD offers extensive additional cargo capacity. This results in higher economy benefits for the operator and environment protection at the same time.

Approved quality

Of course, all RPD systems can be made available with class approval and certification if so required.

Duty

Gearboxes of the RPD series have been designed for intermittent operation with some variations in engine speed and power and an average engine operating hours limit of 4,000 hours/year.





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