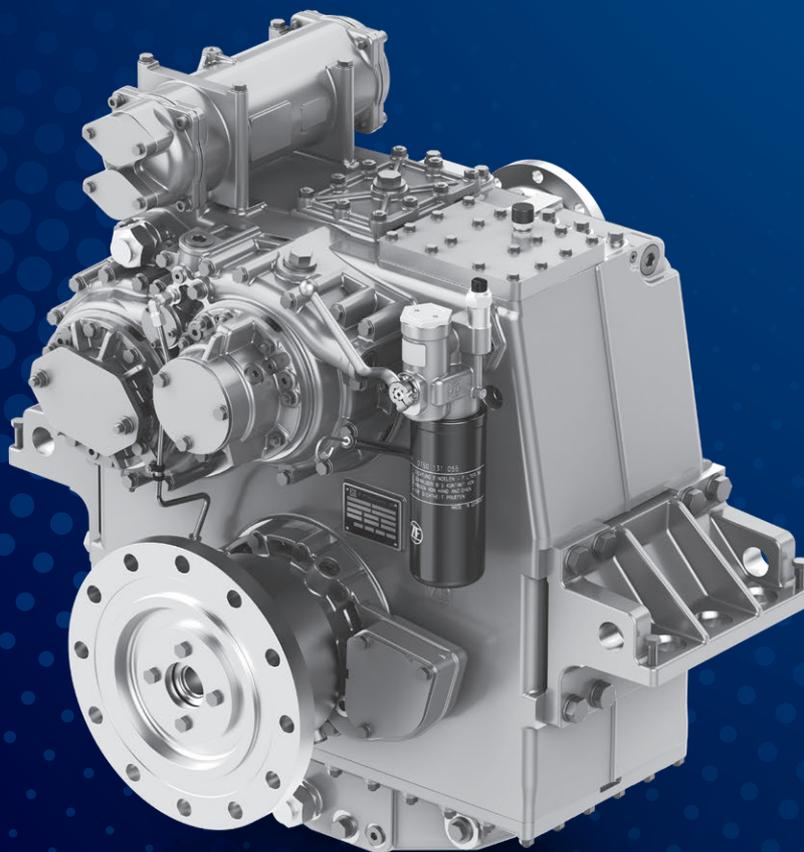




ZF ENC Transmission Series

Designed for All-Electric Vessels



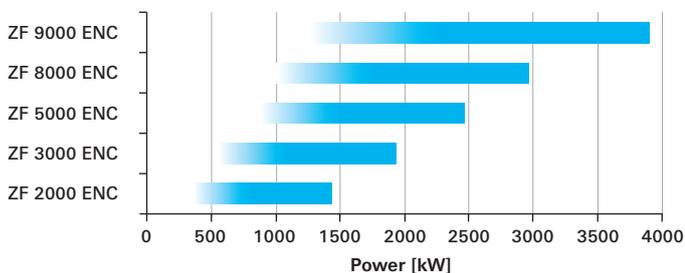
New ZF ENC Transmission Series

Quiet, efficient, flexible: The ENC series sets new standards for electric propulsion.

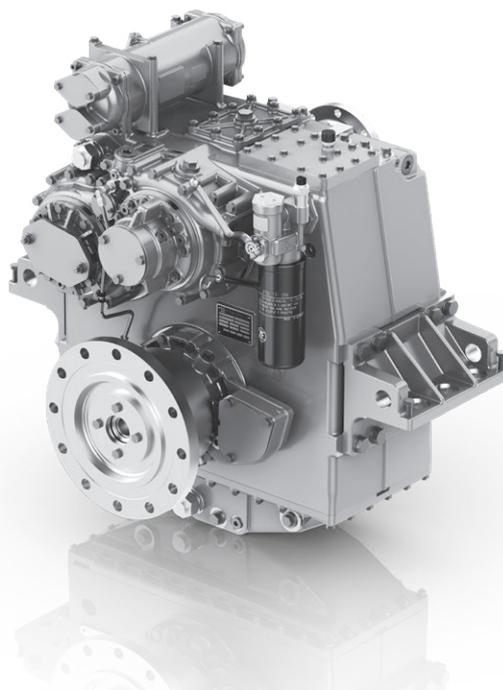
Specifically developed for fully electric vessels, the ENC transmission combines optimized efficiency, lightweight design, and outstanding NVH behavior. This results in lower energy consumption and therefore more efficient use of the stored batterie power, as well as improved onboard comfort – supporting shipyards and operators in their transition to sustainable marine mobility.

Unlike conventional or hybrid transmissions, the ENC series eliminates the clutch, reducing oil volume and pressure for higher mechanical efficiency. With flexible integration across all ZF marine drive solutions and configurations, it is the ideal choice for ferries, tugs, supply boats, and river cruise ships on short routes.

ZF ENC portfolio – power range*



* Rating subject to classification and application.
Mentioned data for indication purpose only.
Consult ZF technical staff to determine applicable power for each specific use.



Features

- Optimized for electric propulsion: No clutch (ENC = Electric Non-Clutchable)
- Flexible integration with all ZF marine drive solutions (ZF 2000 – ZF 9000)
- Power range from 650 kW up to 3,900 kW
- Suitable for all installation types (II, A/V, U) and propeller configurations
- Up to 10% weight reduction compared to similar solutions
- Reduced oil volume and pressure for higher efficiency
- Outstanding NVH behavior for quiet operation
- Certified by all major classification societies
- Supported by ZF's global service and spare parts network

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Get to know more
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