

E-series Rexpeller (Azimuth Thruster)



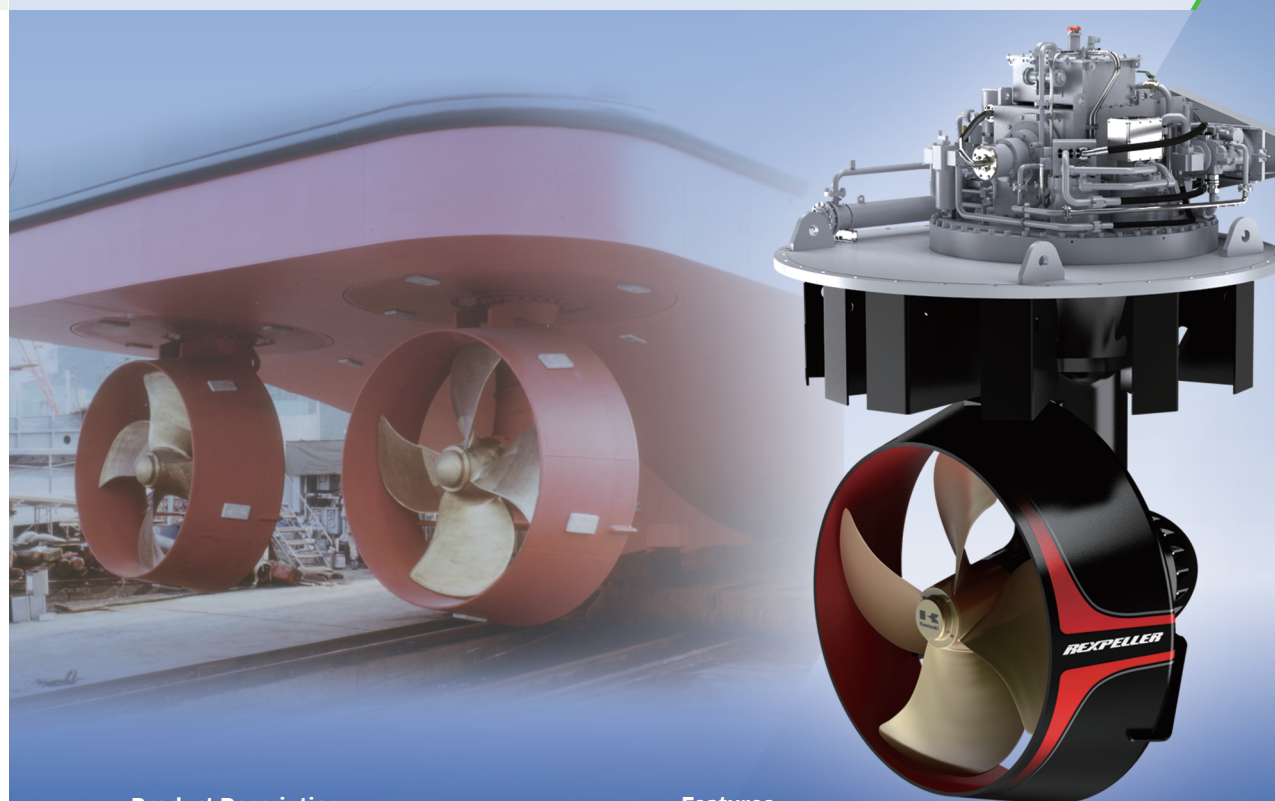
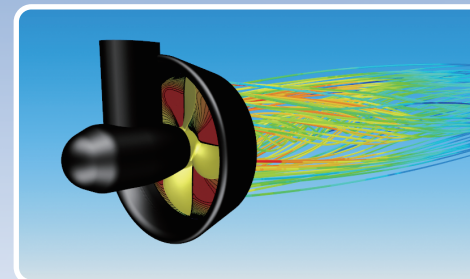
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 Kawasaki
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Kawasaki Heavy Industries, Ltd.

Improved propulsive performance through newly developed propeller duct and reduced noise through modified pump drive system

This product realizes energy saving by using fluid analysis technology to optimize the lower gear case, and employing a newly developed compact, high-performance propeller duct (Kort nozzle). It reduces noise by more than 10 dB by changing the pump drive system from the conventional gear to belts.



Product Description

Azimuth thruster "E-series Rexpeller" developed with the "three Es" as its key concepts: Energy saving by improving propulsion performance; Easy maintenance inside the ship; and Environmentally friendly.

Features

- Energy saving through optimization of lower gear case and adoption of newly developed compact and high-performance propeller duct (Kort nozzle)
- Easier maintenance operations inside the ship by revising the structure of hydraulic clutch
- Improves shipboard working environment by reducing noise through adoption of belts for hydraulic pump drive system