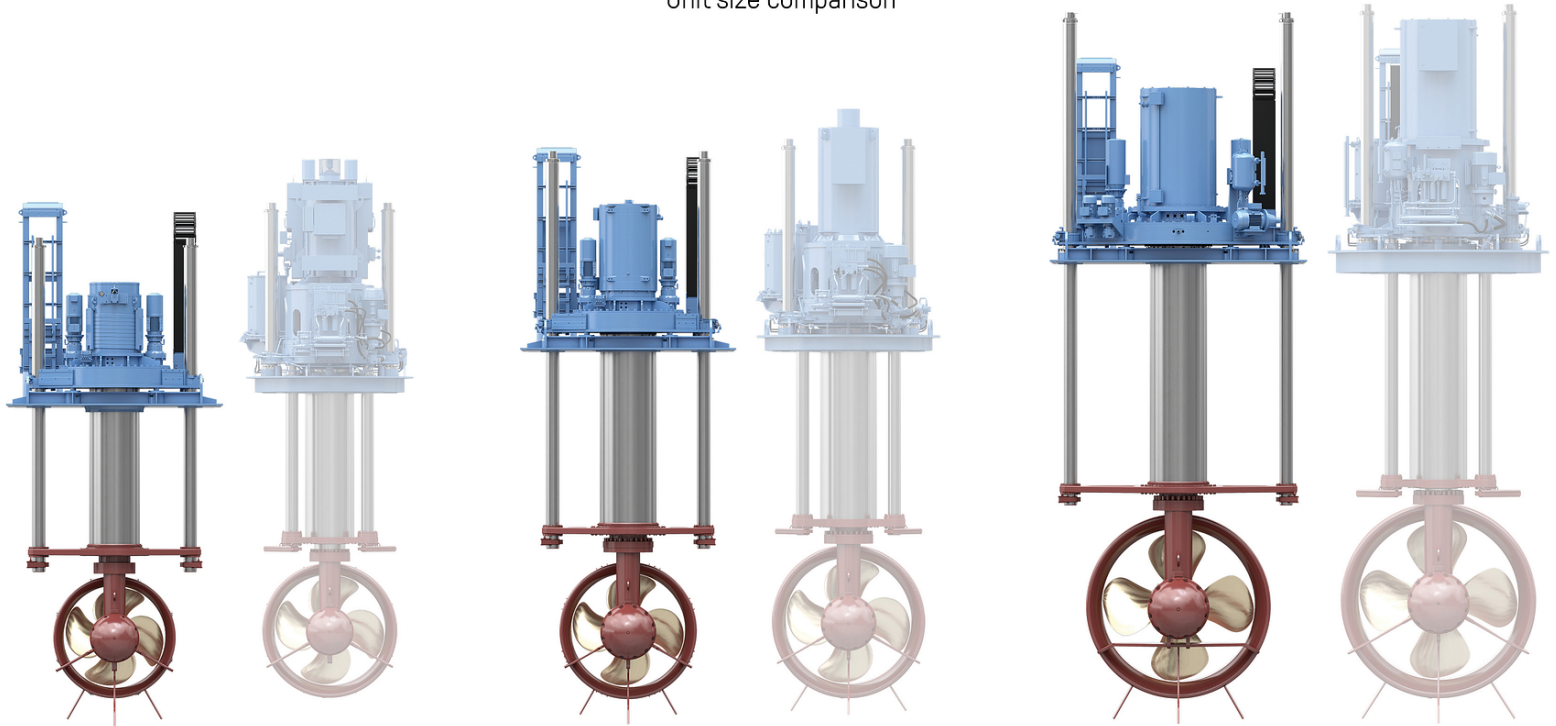


ULE PM vs ULE

Unit size comparison



ULE PM 155 P12 vs ULE 155 P12

ULE PM 155 P14 vs ULE 155 P14

ULE PM 205 vs ULE 205

Kongsberg Maritime's new ULE PM type of retractable azimuth thrusters save more than a metre in vertical space in the engineering compartment

Dec 15, 2022 09:00 GMT

KONGSBERG releases new retractable azimuth thruster series that saves space and delivers more power

Oslo, Norway, 15th December 2022 – Kongsberg Maritime (KONGSBERG) has launched a new series of retractable azimuth thrusters, the ULE PM type, which are smaller than competing units while maintaining thrust power. The compact size makes it applicable to modern offshore wind, fishing, and naval vessel designs in which onboard space is limited.

The new series is the result of a long design process that focused on reducing size and boosting efficiency.

The ULE PM type thruster has an integrated electric prime mover mounted very low between the steering gear. This saves more than a metre in vertical space in an engineering compartment. The ULE PM Type is the smallest retractable unit on the market for any given power requirement.

KONGSBERG's designers also focused on making the new thruster series easy to install and maintain.

"We took a hard look at our thruster design after seeing the challenges our customers face finding the right equipment with optimal size-to-performance ratios and that work with their vessel designs and operating profiles," says Pasi Villanen, product manager for retractable thrusters in Kongsberg Maritime.

"Thanks to thorough testing, these new ULE PM type thrusters are now the best performing units in their size, which makes them a perfect choice for auxiliary propulsion."

All ULE PM type thrusters are available as a Combi unit, which functions as an azimuth for manoeuvring and dynamic positioning, or as a tunnel thruster when retracted into a tunnel. The ULE PM Combi units have optimised drivetrains and hydrodynamics for high thrust and fast response time, which allows the number and size of propulsion units in a vessel to be reduced.

KONGSBERG's Hydrodynamic Research Centre conducted countless simulations and tests on the new thruster series, leading to new, patent-pending concepts for the ULE PM Combi thrusters, including optimised unit-to-hull interaction and a new nozzle profile.

Ends

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About Kongsberg Maritime

Kongsberg Maritime is a global marine technology company providing innovative and reliable 'Full Picture' technology solutions for all marine industry sectors. Headquartered in Kongsberg, Norway, Kongsberg Maritime has manufacturing, sales, and service facilities in 34 countries.

Kongsberg Maritime solutions cover all aspects of marine automation, safety, manoeuvring, navigation, and dynamic positioning as well as energy management, deck handling and propulsion systems, and ship design services.

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