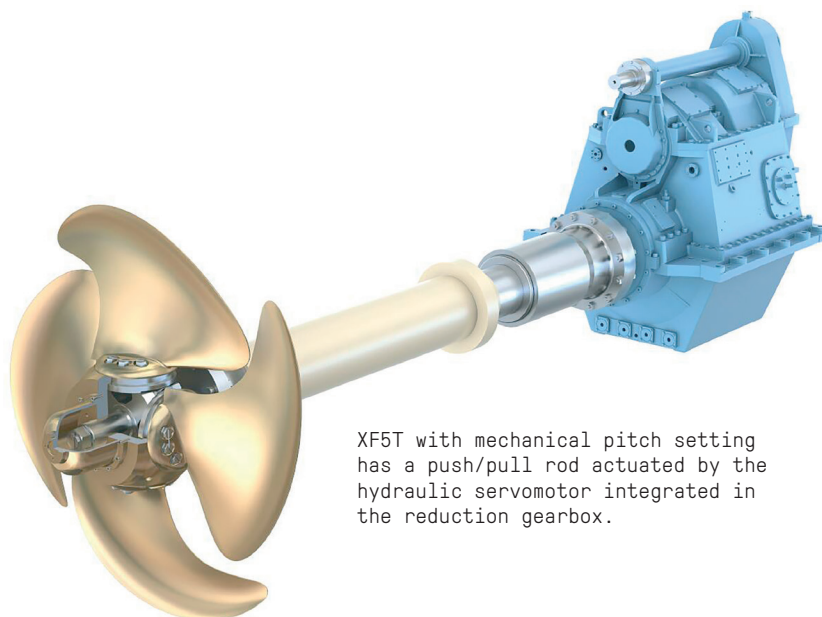




KONGSBERG



XF5T with mechanical pitch setting has a push/pull rod actuated by the hydraulic servomotor integrated in the reduction gearbox.

XF5 T SYSTEM
WITH INTEGRATED
REDUCTION GEARBOX

KONGSBERG CONTROLLABLE PITCH PROPELLERS

XF5 T system with integrated reduction gearbox

The XF5 E controllable pitch propeller is available in the lower power range. The system has a simple and reliable construction, including the mechanical components, hydraulics and controls. Standard and fewer components secure less maintenance, fewer and less expensive spare parts and shorter delivery time.

A tight size range guarantees optimum hub size for every application. Structurally optimised hubs mean the lowest possible stresses on the smallest possible hubs, and the highest efficiency. The system is designed with hydraulically operated pitch function.

The reduction gearbox is a freestanding gearbox intended for integrated propulsion systems. It is designed as a combined speed reduction unit with common hydraulic system for gear and propeller. The gear has a built-in hydraulically operated clutch and is provided with seating brackets for bolting to the ship's foundation. The input shaft is provided with keyway for mounting of the flexible coupling, and the output shaft with a hydraulic flange coupling.

The hollow bored propeller shaft carries the actuating rod. The reduction gearboxes are normally equipped with one-step reductions. However, some applications can be delivered with two-step reduction.

TYPICAL APPLICATIONS

Suitable for

- offshore supply vessels
- fishing vessels
- ferries
- tugs
- cargo vessels/tankers
- naval support vessels

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