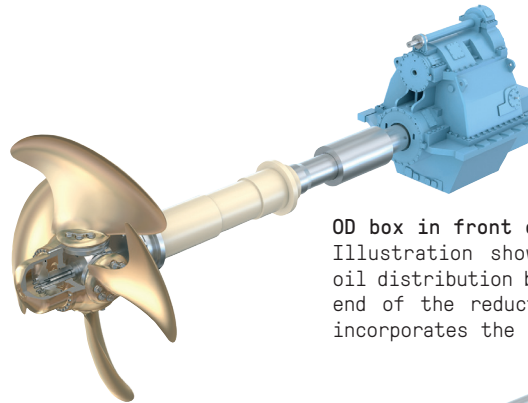


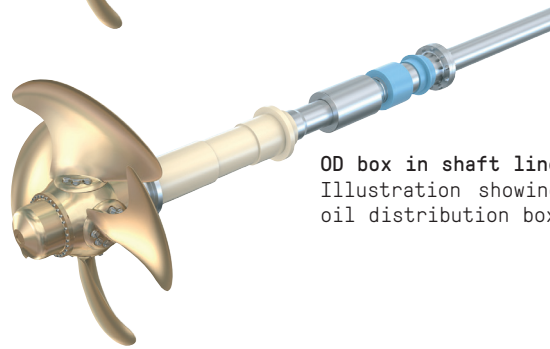
XF5 D SYSTEM



KONGSBERG



OD box in front of gearbox - Type F
Illustration showing type F system with oil distribution box mounted on the forward end of the reduction gearbox. The OD box incorporates the pitch feedback system.



OD box in shaft line - Type M
Illustration showing type M system with oil distribution box in the shaft line.

KONGSBERG CONTROLLABLE PITCH PROPELLERS

XF5 D system

The XF5 D system is recognised as the most efficient of its type on the market today. The hub/propeller ratio has been optimised for maximum efficiency and the blade bearing arrangement modified to avoid peak pressures. This has resulted in improved stress distribution.

Combined with increased pitch, this ensures greater strength and maximum propeller efficiency. The system can be supplied with four or five blades of highly skewed or moderate skew type, conventional or nozzle design.

Type F: The oil distribution box is mounted on the forward end of the reduction gearbox. Additional intermediate shafts can be arranged between the propeller shaft and the gearbox. Type F requires the minimum overall installation space, and is therefore the most favourable solution.

Type M: A separate shaft carries the oil distribution box, and additional intermediate shafts can be arranged between the propeller shaft and the OD box shaft. The XF5 D is available in NiAl-bronze or stainless steel and is optimised for all types of installation, from no ice to highest ice class, throughout the speed range.

Underwater replacement of blades as well as feathering design are optional features.

The propeller is delivered with a low noise hydraulic power pack and remote control system.

TYPICAL APPLICATIONS

Suitable for larger vessels such as

- fast ferries
- cruise ships
- container ships
- cargo vessels
- tankers
- naval vessels
- offshore vessels

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