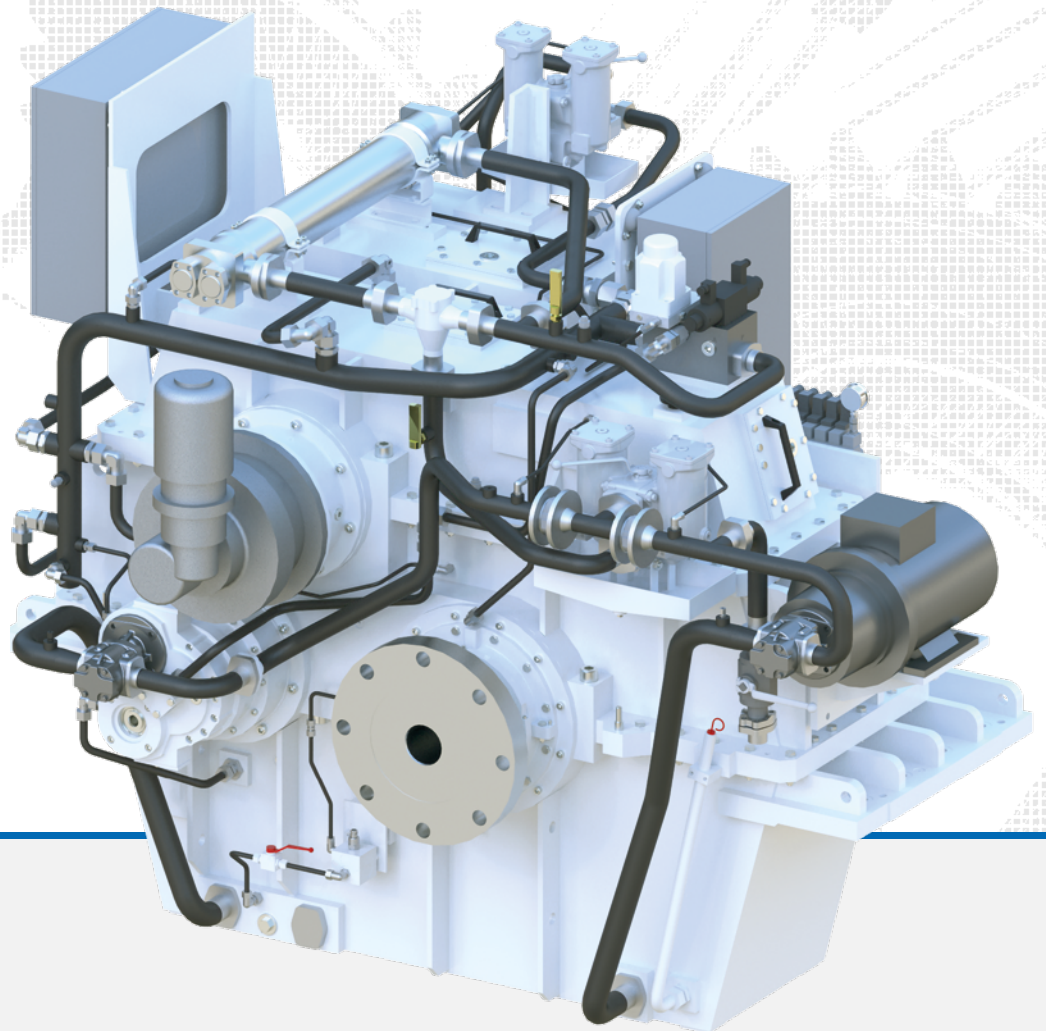


Gearboxes for Naval and Governmental Applications



Gearboxes for Naval & Governmental Applications

Basic Equipment

- Fabricated steel, cast, iron or aluminium housing
- Spur wheels helically toothed, case hardened and tooth flank ground
- Built-in hydraulically operated disc clutches with steel/sinter friction surface
- Smooth engagement by adapted pressure increase during shifting
- Full power transmission and equal reduction ratios in identical and counter rotation application
- Roller or plain bearing design

Scope of Supply

Standard

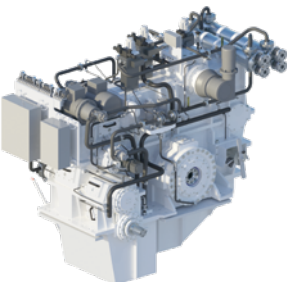
- Integrated oil sump, common circuit for operating pressure and lube oil, oil pump and oil filter accessible from the outside
- Fitted heat exchanger, seawater resistant
- Supervision in accordance to all class requirements
- Built-on control valve, electrically operated
- Input: free shaft end with taper 1:30
- Output: forged-on flange
- Paint coating with synthetic resin according to RAL/ Munsell code

Options

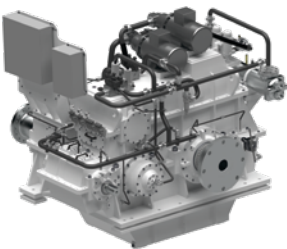
- Customised gearbox execution
- Double helical tooththing
- Shock resistant
- Watertight sealing
- Resilient mounting
- PTO/PTI
- Shaft brake/shaft locking
- Trolling valve (ADS)
- Degaussing
- Local Operating Panel (LOP)
- Oil pre-heater
- Spare parts as per classification rules
- Documentation in accordance with customers' requirements meeting international standards incl. different IETM levels

Engine Power

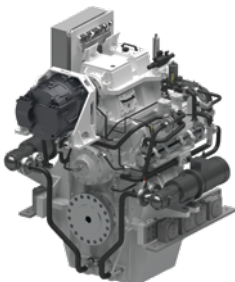
kW	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000
BHP	1341	2682	4023	5364	6705	8046	9387	10723	12069	13410	14751	16092	17433
WAF / LAF 665 - 1973													
				WAF / LAF 2346 - 7760									
		WVS / WLS 730/1 - 2240											
			DLG										
				SVAL									



DLG 1935



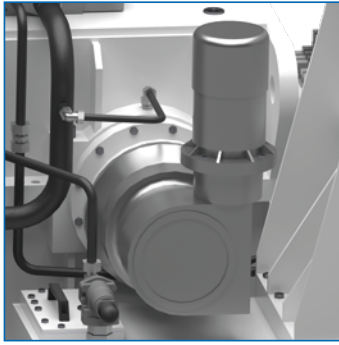
LAF 7760



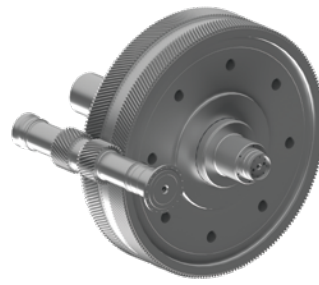
LAF 4545



WVS 1540



Turn Drive



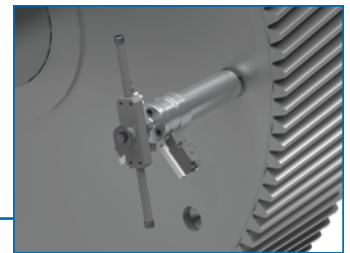
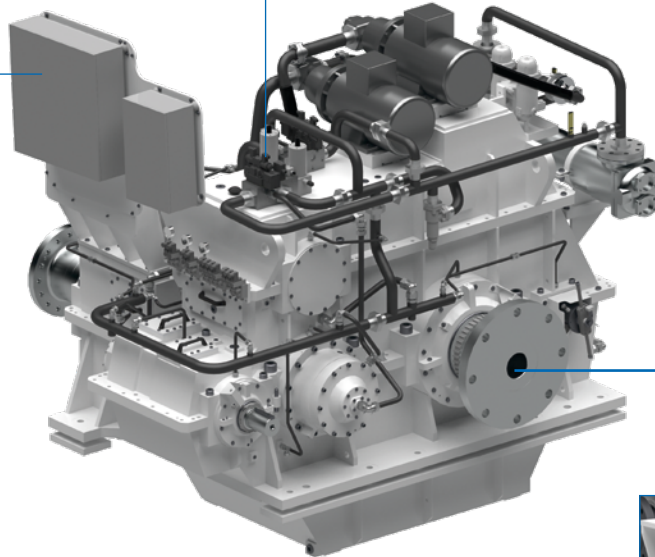
Double Helical Toothing



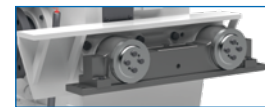
Oil Pre-Heater



Local Operating Panel (LOP)



Shaft Locking Device



*Resilient Mounting of
Gearbox and Accessoires*

Turn Drive

The turn drive allows turning the propeller shaft even when the main engine is standing still, e.g. for maintenance work.

- Operation with a control panel and with a remote control
- Current status can be monitored and visualised with the LOP

Oil Pre-Heater

The oil pre-heater heats up the oil to a temperature of $> 25^{\circ}\text{C}$.

- Manual and automatic operation are both possible
- Current status can be monitored and visualised with the LOP

Local Operating Panel

THE LOP can be used for various purposes including

- Control of the clutch(es)
- Control of electric oil pumps
- Monitoring alarms, operating conditions, and values such as pressure, speed etc.
- Operation of special equipment such as turn drive, shaft locking device, and oil pre-heater

LOP control cabinet comes with a TFT display with a customised menu structure.

Shaft Locking Device

With the shaft locking device the propeller shaft can be mechanically locked and therefore be secured in its position.

- Spring-loaded
- Easy-to-operate
- Current status can be monitored and visualised with the LOP

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worldwide locations



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Dimensions and dry weights are approximate and may vary with housing or by input and ratio. Specifications are subject to change without notice. Please contact your REINTJES distributor for current information and binding data.

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