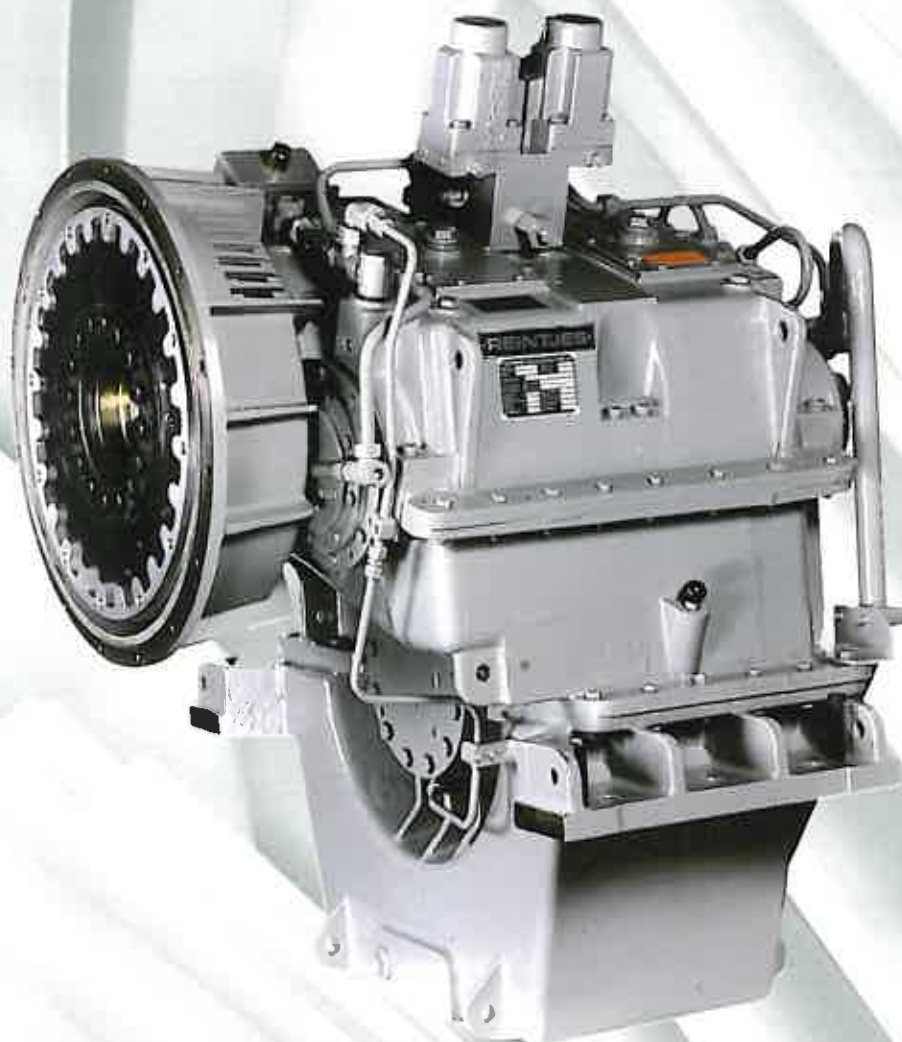




REINTJES



Marine Gearbox for continuous, unlimited operation in heavy duty commercial vessels

Design

- Vertically offset reverse reduction gearbox
- Grey cast iron housing, prepared for mounting of SAE bell housing
- Cast-on mounting brackets
- Helical gear wheels, carburized and tooth flank ground
- Built-in hydraulically actuated steel / sinter disc clutches. Smooth engagement by adapted pressure increase during shifting
- Full power transmission and identical reduction ratio in ahead and astern mode
- Suitable for flanged-on and free-standing installation
- Easy installation and on board maintenance
- Manufacturing plant DIN EN ISO 9001 approved

Standard Scope of Supply

- Oil pump and oil filter accessible from outside
- Fitted heat exchanger, seawater resistant
- Electrically or pneumatically operated control valve
- Emergency come home feature (mechanical disc clutch lock)
- Input shaft end with taper 1:30
- Output flange forged – on
- Filter, temperature and pressure monitoring
- Synthetic resin paint coating

WORK BOATS

WAF 643 - 673 SERIES



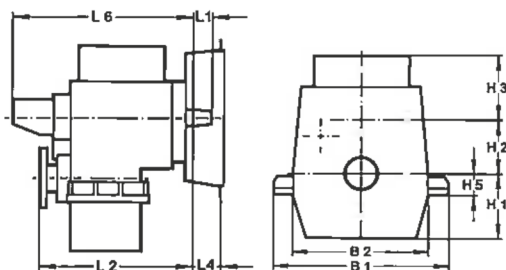
www.reintjes-gears.de

Ratings in Continuous Duty

Model	kW / rpm	bhp (kW) 1,200 rpm	bhp (kW) 1,600 rpm	bhp (kW) 1,800 rpm	Ratios
WAF 643	0.70	1126 (840)	1501 (1120)	1688 (1260)	2.483*/3.040*/3.542*/3.958
LAF 643	0.63	1013 (756)	1351 (1008)	1520 (1134)	4.409*
WAF 663	0.70	1126 (840)	1501 (1120)	1688 (1260)	4.560*/5.044/5.571
LAF 663	0.70	1126 (840)	1501 (1120)	1688 (1260)	5.950
WAF 673	0.70	1126 (840)	1501 (1120)	1688 (1260)	6.417*/7.091
LAF 673	0.70	1126 (840)	1501 (1120)	1688 (1260)	7.476*

For Medium Duty application higher ratings may apply. Please consult your nearest Reintjes dealer.

*=Special Ratio



Main Dimensions and Weight

Model	B1	B2	Main Dimensions in mm								
			H1	H2	H3	H5	L1	L2	L4 SAE0	L4 SAE00	L6
WAF 643	1090	820	410	340	550	130	101	851	161	161	1090
WAF 663	1160	870	490	430	550	130	101	866	161	161	1090
WAF 673	1480	870	620	550	550	130	101	860	161	161	1090

Dry Weight

WAF 643	1300 kg (2860 lbs)
WAF 663	1800 kg (3960 lbs)
WAF 673	1800 kg (3960 lbs)

Options

- Reduction-only version
- Horizontally offset version for WAF 663 and WAF 673
- SAE 0 and SAE 00 bell housing
- Input flexible coupling
- Output counter flange with set of bolts
- Stand-by pump
- Trolling valve for loitering
- Monitoring system
- Power Take Off for auxiliary drive
- Built – in shaft brake
- Classification Society approval

Distributor:



XIN MING HUA PTE LTD XMH ENGINEERING PTE LTD

No. 44 Sungei Kadut Avenue
Singapore 729667

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