

Dredgers 300 - 10,000 kW

RDG – REINTJES DREDGING GEARBOXES



YOUR PARTNER FOR THE FUTURE

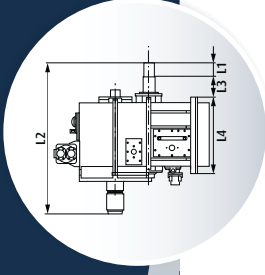
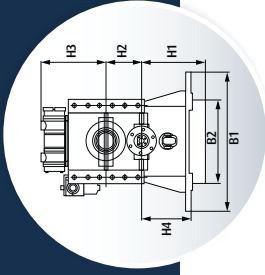




Applications for Dredgers

RDG 9590 - 170280

RDG 9590-170280
Reduction gearbox with roller bearings and flexible coupling
Vertically offset



Advantages

Gearboxes of the new RDG series have been developed for dredger applications such as dredge pumps installed inside the vessel as well as dredge pumps in use under water with close coupled pump and engine.

- High operating reliability
- Simple operation and maintenance
- Compact dimensions
- Standardised shafts in custom made housings
- Propulsion gearbox and dredging gearbox from one supplier

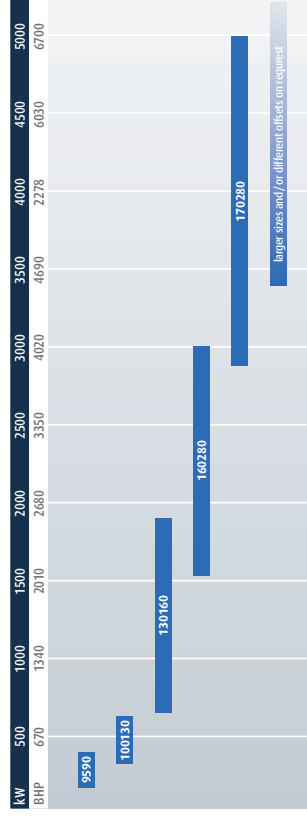
Owing to their design for specific areas of deployment, the reduction gearboxes with or without clutch of the RDG series offer various special advantages:

Gearbox selection

The selection diagram below gives an overview of the performance ratings of the basic RDG types.

However for the final selection of gearboxes please contact REINTJES.

Engine Power



Gearbox type	Main Dimensions (mm)											Weight (kg)
	B1	B2	H1	H2	H3	H4	L1	L2	L3	L4		
9590	720	400	350	200	440	230	90	970	168	480	550	
100130	1000	600	450	250	550	350	105	1177	160	600	1000	
130160	1150	800	550	320	830	350	125	1435	173	720	1650	
160280	1060	700	410	355	650	150	135	11335	347	450	1800	
170240	1250	900	600	355	900	350	150	1821	38	960	2700	
170240	1800	1200	660	600	800	200	175	1625	401	600	4500	

larger sizes and/or different offsets on request
1) Gearbox standard design (dry) | Dimensions and weights not strictly binding

Options

- Output shaft with trapezoidal thread
- Slide bearings
- Flexible coupling
- Mechanical overload protection
- Electronic overload protection for gearboxes with built-in clutch
- Turn drive
- Bell housing for close coupled pump and/or engine
- Gearboxes can be horizontally offset



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