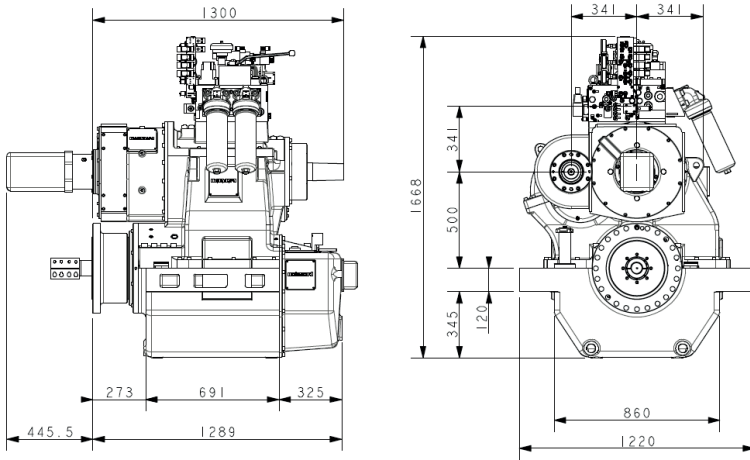


500-2HS - MARINE GEARBOX



Reduction Ratio	Power Factor kW/RPM	Input Shaft Diameter mm
6,58-7,05-7,61:1	1,050	90
7,93-8,49:1	0,910	90
9,16:1	0,894	90
9,91:1	0,861	90
10,68:1	0,842	90

Servo for CP Propeller:

Max force = 300 kN
Max stroke = 180 mm

PTO:

PTO with SAE C-flange and 13 tooth 1 3/4" involute inside spline
Other SAE and ISO flanges and splines available
Free shaft end also available
Max torque from PTO: 2000 Nm

Weight:

Approx. 3000 kg plus approx. 70 kg per PTO

Gearbox:

- Built-in servo system for CP propeller
- Compact design
- Large economical reduction ratio
- Option of 1, 2 or 3 PTOs each with own hydraulic clutch
- Rigid cast iron housing
- Helical ground gearwheels in casehardened and highly alloyed steel
- Hydraulic multi-plate clutch
- Oil system with direct driven oil pump, cooler, filter, valves etc.
- Pressure lubricated spherical roller bearings
- Designed according to the rules of the classification societies
- Each gearbox is tested and approved in test bed

Variants:

500HS 1-step gearbox for low reduction ratios
500HS/PTI with PTI shaft
500OD prepared for OD system
500OD/PTI with PTI shaft
500-2OD 2-step gearbox for high reduction ratios



Manufacturer of **mekanord** gearboxes

For further details and additional information,
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