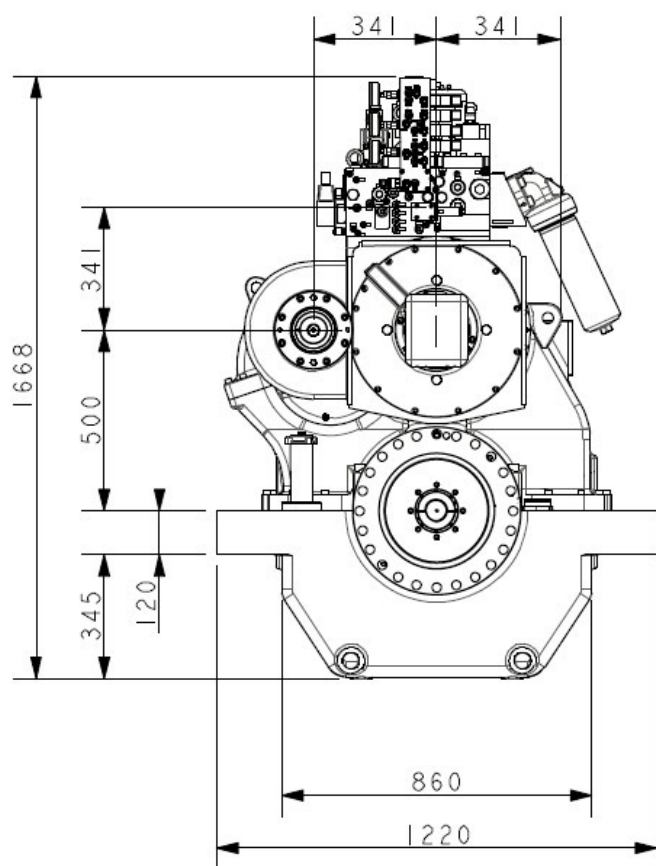
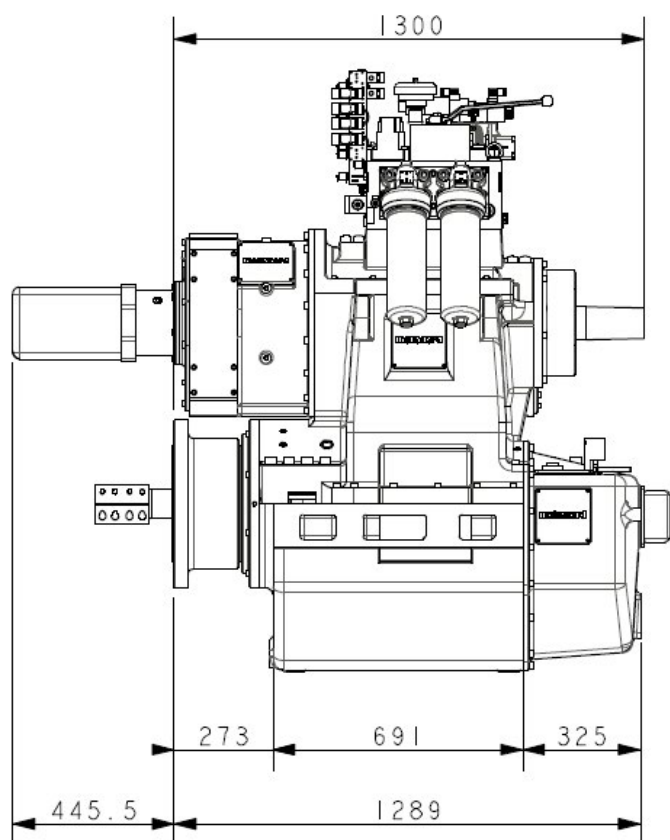


500HS - MARINE GEARBOX



Assembly Type 500HS

Reduction ratio	PF kW/rpm	Input shaft mm
2,03-2,56-3,04-3,32:1	2,400	120
3,63:1	2,315	120
4,24:1	1,803	120
4,39:1	1,752	120
4,56:1	1,433	100
4,94:1	1,345	100
5,67:1	1,026	100
6,06:1	0,951	100
6,56:1	0,810	100

Servo for CP Propeller:

Max force = 300 kN

Max stroke = 180 mm

PTO/PTI:

PTO with SAE D-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

Max torque from PTO/PTI: 3500 Nm

Weight:

Approx. 2400 kg

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:

500OD prepared for OD system