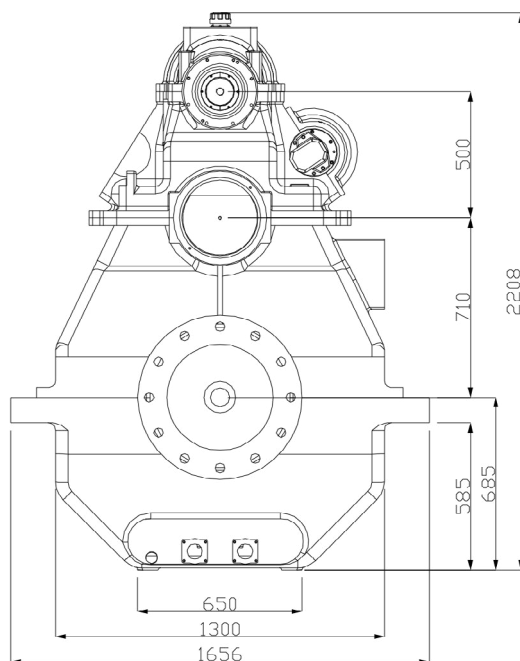
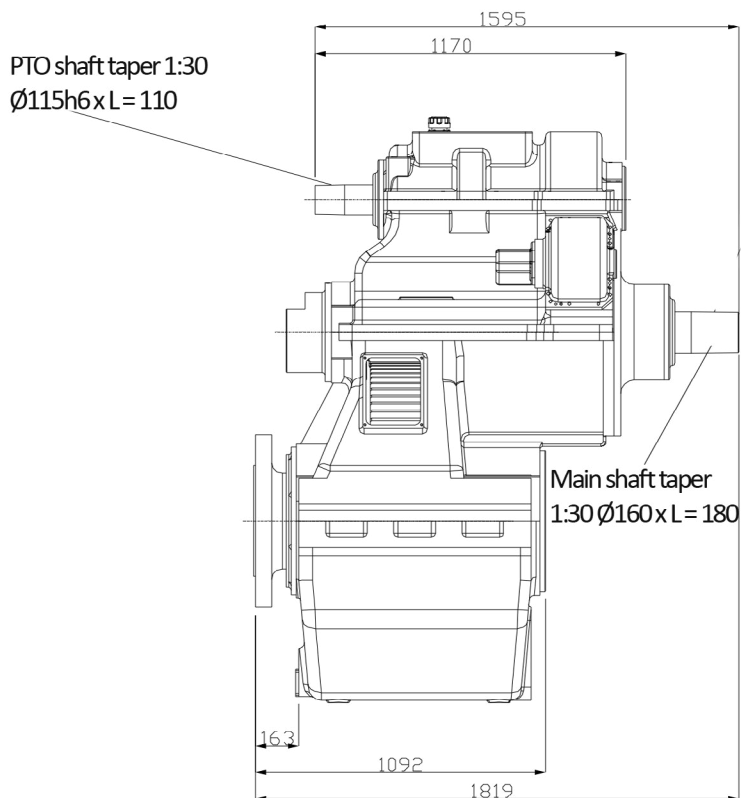


70HS/OD - MARINE GEARBOX



Assembly Type 70OD PTO/PTI

Reduction ratio	PW kW/rpm	Max. PTI PF kW/rpm*	Max. combined PW kW/rpm
3,05:1	7,00	0,89	7,89
3,53:1	6,80	0,89	6,80
4,16:1	5,90	0,89	5,90
4,44:1	5,30	0,89	5,30
5,05:1	4,50	0,89	4,50
5,58:1	3,80	0,89	3,80
5,94:1	3,50	0,89	3,50

Servo for CP Propeller:

Max force = 1500 kN

Max stroke = 175 mm

PTO/PTI:

PTO/PTI with free shaft

PTO ratios: 0,31:1-0,66:1

PTI ratios: 1,51:1-3,21:1

Max power PTO 540 kW @ 1200 rpm

Max power PTI 1068 kW @ 1200 rpm

Weight:

Approx. 7000 kg

Gearbox:

- Hybrid gearbox gives different running modes
- Compact design
- Large economical reduction ratio
- Option of PTO/PTI with individual hydraulic clutches
- 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:

70HS with built-in servo system for CP propeller

70OD prepared for OD system