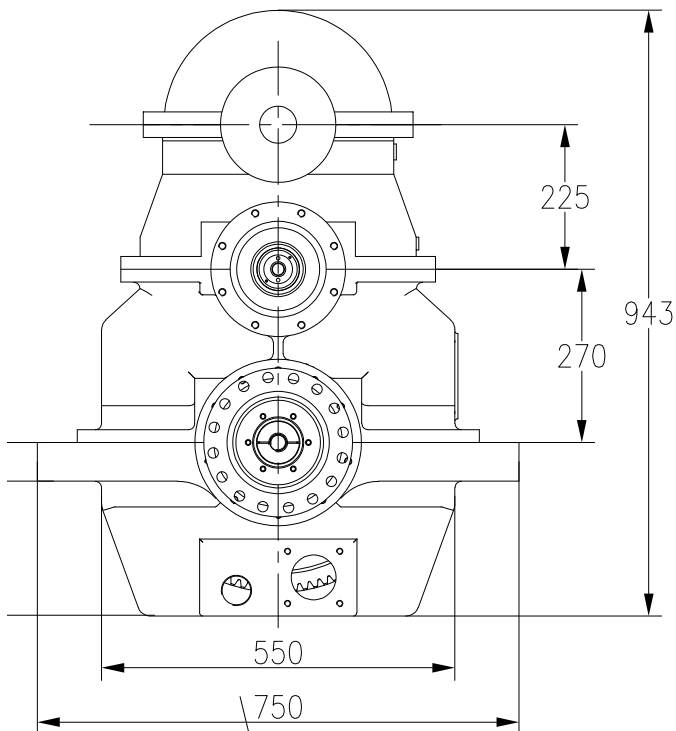
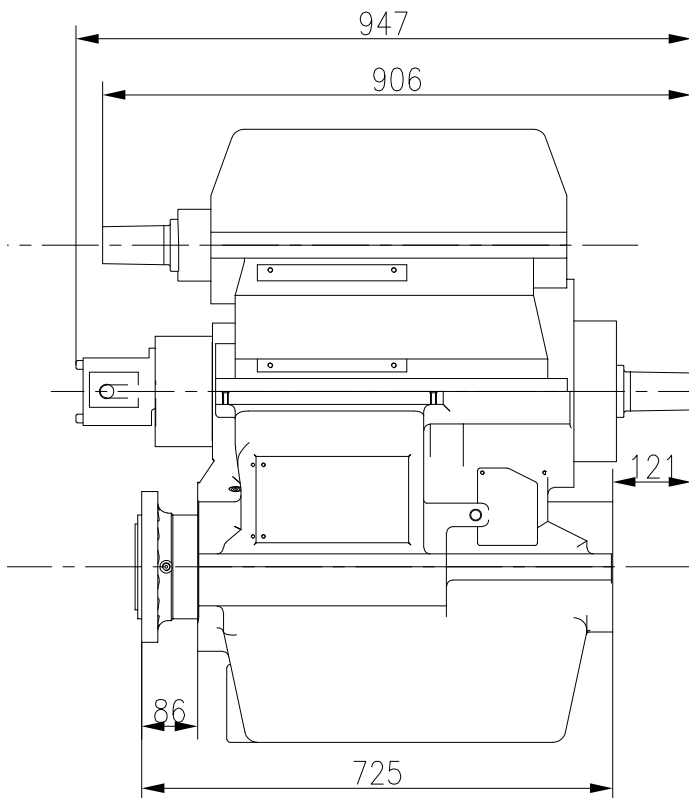


27HS - MARINE GEARBOX



Assembly Type 27HS PTO/PTI

Reduction ratio	PW kW/rpm	Max. PTI PF kW/rpm*	Max. combined PW kW/rpm
1,61-1,97:1	0,22	0,14	0,36
2,47-2,96:1	0,22	0,14	0,32
3,52:1	0,22	0,14	0,26
3,95:1	0,16	0,14	0,23
4,47:1	0,16	0,14	0,20
5,12:1	0,16	0,14	0,17
5,50:1	0,16	0,14	0,16
5,93:1	0,15	0,14	0,15
6,53:1	0,13	0,14	0,13

Servo for CP Propeller:

Max force = 93 kN

Max stroke = 120 mm

PTO/PTI:

PTO/PTI with free shaft

PTO ratios: 0,49:1-1,21:1

PTI ratios: 0,89:1-2,04:1

Max power: 210 kW @ 1500 RPM

Weight:

Approx. 750 kg

Gearbox:

- Hybrid gearbox gives different running modes
- Built-in servo system for CP propeller
- Compact design
- Large economical reduction ratio
- Option for one PTO, each with its 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:

27HS with reverse gear for counter rotating propeller

27HS with intermediate shaft for counter rotating propeller