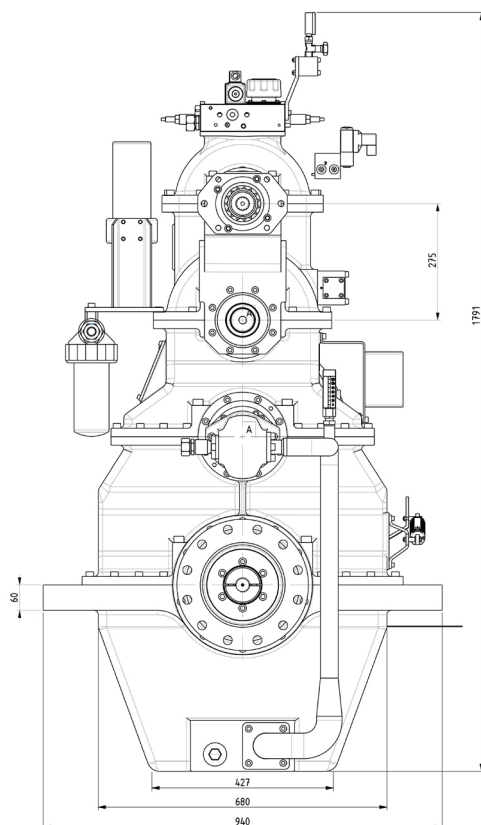
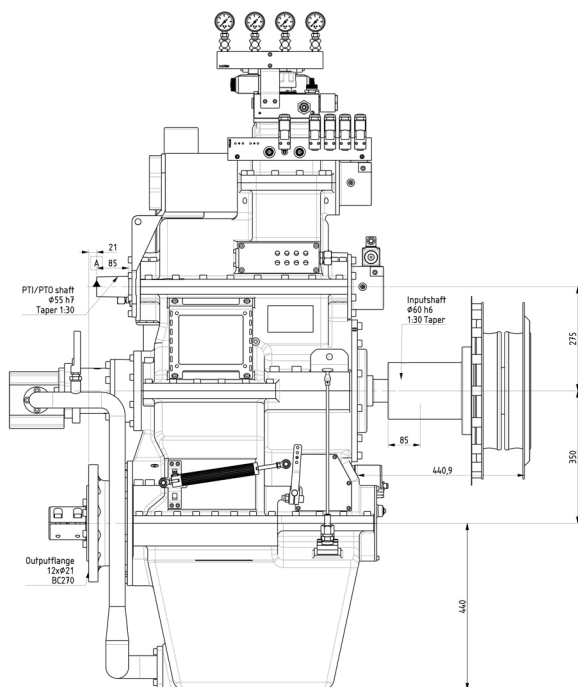


35HS - MARINE GEARBOX



Assembly Type 35HS PTO/PTI

Reduction ratio	PW kW/rpm	Max. PTI PF kW/rpm*	Max. combined PW kW/rpm
1,9 -2,53:1	0,300	0,18	0,490
3,04-3,52:1	0,300	0,18	0,490
4,14:1	0,300	0,18	0,410
4,65:1	0,300	0,18	0,370
5,12:1	0,300	0,18	0,330
5,53:1	0,300	0,18	0,310
5,94:1	0,280	0,18	0,280
6,35:1	0,240	0,18	0,240
6,94:1	0,210	0,18	0,210

*If the PW is less than the stated value, the PTI PW can be higher, if only the max.combined PW is not exceeding the specified value in this table.

Servo for CP Propeller:

Max force = 120 kN

Max stroke = 90 mm

PTO/PTI:

PTO/PTI with free shaft

PTO ratios: 0,83:1-1,12:1

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

Max power: 270 kW @ 1500 RPM

Weight:

Approx. 1500 kg

Gearbox:

- Hybrid gearbox gives different running modes
- Built-in servo system for CP propeller
- Compact design
- Large economical reduction ratio
- Rigid cast iron housing
- Helical ground gearwheels in casehardened and highly alloyed steel
- Hydraulic multi-plate clutch
- PTO/PTI with individual hydraulic clutches
- Oil system with direct driven oil pump, cooler, filter, valves etc.
- Option of standby oil pump
- Pressure lubricated spherical roller bearings
- Designed according to the rules of the classification societies
- Each gearbox is tested and approved in test bed