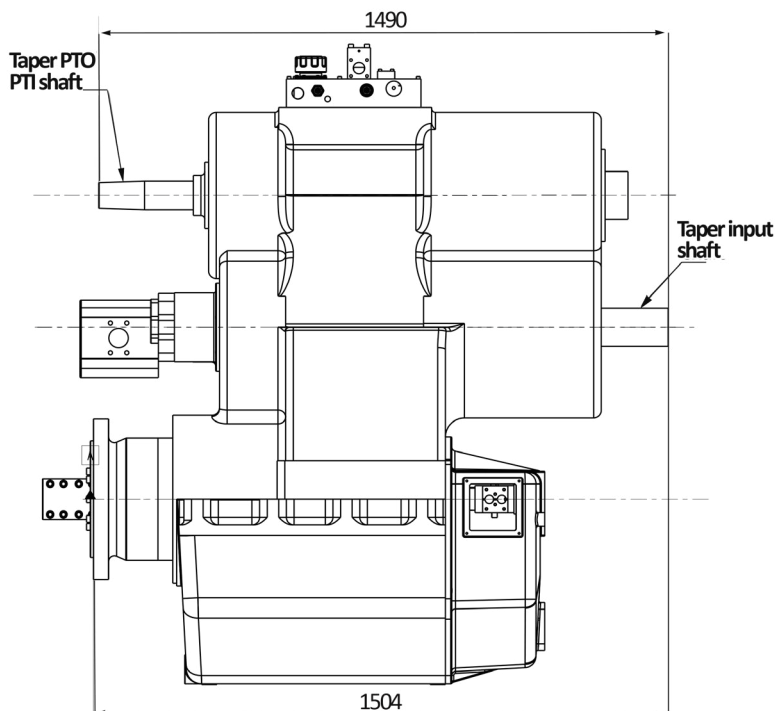


45HS/OD - MARINE GEARBOX



Reduction ratio	PW kW/rpm	Max. PTI PF kW/rpm*	Max. combined PW kW/rpm
2,04:1	2,125	0,52	2,64
2,59:1	1,938	0,52	2,08
3,24:1	1,50	0,52	1,66
3,85:1	1,50	0,52	1,50
4,18:1	1,120	0,52	1,12
4,44:1	1,120	0,52	1,12
5,11:1	0,972	0,52	0,972
5,47:1	0,889	0,52	0,889
5,94:1	0,773	0,52	0,773
6,47:1	0,670	0,52	0,67

Servo for CP Propeller:

Max force = 300 kN

Max stroke = 180 mm

PTO/PTI:

PTO/PTI with free shaft

PTO ratio: 0,46:1-1,36:1

PTI ratio: 0,74:1-2,18:1

Max power 780 kW @ 1500 rpm

Weight:

Approx. 3200 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:

45HS with built-in servo system for CP propeller
 45HS with intermediate shaft for counter rotating propeller
 45OD prepared for OD system

Assembly Type 45HS PTO/PTI