



## Product

## Custom Gearboxes

## Application

## Offshore Drilling Platform Drawworks

### Highlights

- Custom enclosed reducers
- 10:1 reduction ratio
- 1,000 to 3,000 HP input range
- High performance oil seals
- Pressure lubricated bearings
- Dual or single input shafts
- Fabricated steel housing

Robust gearbox solutions are required to withstand harsh conditions on offshore oil rig drawworks applications. These gearboxes are shaft-mounted between the drawworks drive motor and winch drum that raises and lowers the drill head during drilling operations.

Recognized as a leader in heavy-duty gearbox technology, Nuttall Gear routinely designs and manufactures custom reducers for offshore and land-based drawworks applications.

Nuttall enclosed drawworks reducers have an input horsepower range from 1,000 to 3000 HP, a reduction ratio of 10:1 and dual or single input shafts. Units feature a fabricated steel housing, pressure-lubricated bearings and an oil heating/cooling system, depending on environmental conditions. Special oil seals were developed to accommodate the high input shaft speeds up to 3,000 RPM.

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