

Marine Gearbox with 180-Degree Rotation

This marine gearbox features a pump with 180 degree rotation, enabling changes to the input direction. Its shell is available with SAE 0.1 flange in 14", 16", and 18" sizes.



Overview

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This robust marine gearbox is engineered for demanding maritime environments, featuring a specialized 180-degree rotation capability to easily adjust input direction. It offers a versatile range of gear ratios to optimize propulsion and control across various vessel types. Designed for durability and smooth power transfer, this system supports seamless integration into diverse marine propulsion setups.

Technical Specifications

Rotation Feature	180 degree rotation for input direction adjustment
Flange Sizes	14", 16", 18"
Shell Type	SAE 0.1

Physical Dimensions

Dimensions and Weight

Model	Dimensions (L x W x H)	Weight
D300	910 x 800 x 1080 mm	700 kg
D300A	910 x 855 x 1225 mm	940 kg

Performance Data

D300 Gear Ratios

Ratio	Precision Ratio	Coefficient (hp/rpm)
2:1	2.04:1	0.35
2.5:1	2.54:1	0.35
3:1	3.0:1	0.33
3.5:1	3.53:1	0.3
4:1	4.10:1	0.25

D300A Gear Ratios

Ratio	Precision Ratio	Coefficient (hp/rpm)
4:1	4.00:1	0.35
4.5:1	4.48:1	0.33
5:1	5.05:1	0.3
5.5:1	5.52:1	0.25
6:1	5.90:1	0.25
6.5:1	6.56:1	0.2
7:1	7.06:1	0.2
7.5:1	7.63:1	0.17

Compatibility

Recommended Engines

- CUMMINS VTA28-M
- CAT 3412TA
- GARDNER 6LYT1
- DETROIT 12V92TA
- BAUDOUIN 12P15.2S
- DAUHATSU M5S