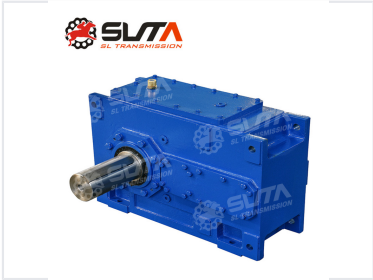


Parallel Shaft Gearbox for Wind Turbines

This parallel shaft gearbox is designed for wind turbine applications. It provides efficient power transmission and reliable performance in demanding industrial environments.



ADDITIONAL IMAGES



Overview

Professional H-Series Industrial Gearbox

The H-series parallel shaft industrial gearbox is engineered for demanding applications, including wind turbine energy systems. Constructed from high-strength cast iron and alloy steel, this unit ensures reliable power transmission with high torque capacity and efficiency levels ranging from 92% to 98%. It features precision-ground gears and advanced heat treatment processes for extended service life and consistent performance in harsh environments.

Performance Metrics

Efficiency

92 % Min Efficiency	98 % Max Efficiency
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Operating Noise

60-68 dB

Technical Specifications

Transmission Ratios

Stage	Ratio Range
BC2	5~18
BC3	12.5~90
BC4	80~400
HC1	1.25~5.6
HC2	6.3~28
HC3	22.4~112
HC4	100~450

Core Materials	HT250 Cast Iron Housing, 20CrMnTi Alloy Steel Gears, 42CrMo Alloy Steel Shafts
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Gear Precision Grade	6~5 Grade
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Environmental Limits

Max Temperature Rise	40 °C
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Max Oil Temp Rise	50 °C
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Mechanical Tolerances

Vibration Limit	d20 4
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Backlash	d20Arcmin
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