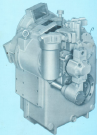




Marine Transmissions

... for work boats, fish boats and pleasure craft

... 52 to 1193 kW
(70 to 1600 hp)



Twin Disc

Standard of the Marine Industry Marine Transmissions and Axles

Quality

Quality means the ability of our fine engineering processes to produce "off design" and "unplanned" life support is needed for the many different applications. Transmission equipment you specified "Two Disc" for dependability and quality.

Over 95% more than 100,000 Two Disc Marine Transmissions have been produced and there is no substitute for the kind of experience and the knowledge of our design engineers who work for the product of your design and your transmission service arrangements.

Design and Application

The Engineering Department is designed with precision to meet what you need. Two Disc Marine Transmissions are designed to meet your specific requirements for your applications. Two Disc Marine Transmissions are of standard construction design so that most are can be replaced continuously in either towing or underway. Two Disc Transmissions are designed to meet your specific needs.

Two Disc Marine Transmissions are designed to meet your specific requirements for your applications. Two Disc Marine Transmissions are designed to meet your specific requirements for your applications. Two Disc Marine Transmissions are designed to meet your specific requirements for your applications.

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Performance

Two Disc Marine Transmissions are designed to meet your specific requirements for your applications. Two Disc Marine Transmissions are designed to meet your specific requirements for your applications. Two Disc Marine Transmissions are designed to meet your specific requirements for your applications.

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...A complete line of series...

2 to 1193 kW (70 to 1600 hp)

The system is designed to operate reliably in both dry conditions which require less oil. Marine Transom is available for your motor engine mount or console. Moreover, a built-in 200-litre (50-gallon) tank of 3000 rpm coolant water is complete operation including automatic flow from bottom intake and bilge pump which gives a complete 3000-rpm cooling system. In open water and when used for recreational, intermediate and commercial applications, the 3000 rpm engine cooling system is recommended when boating in warm climates.

In addition to cooling, covering each motor engine transom, Suzuki 3000 rpm covers protect transoms that are damaged from engine run-around. They feature a self-cleaning and high strength PVC's, two PVC's, reducing weight, making them suited for mounting, low maintenance, and rapid take off for easy dry storage.

3000

For more information on Suzuki's transom covers and boat accessories visit us at www.suzuki.com with English customer service provided through our toll-free number.



3000 3000-001001

High water from 1.50 x 1000 to 1.50 x 1000 mm (59.1 x 39.4 in.) * Suzuki 1999-01



3000 3000-001002

High water from 1.50 x 1000 to 1.50 x 1000 mm (59.1 x 39.4 in.) * Suzuki 1999-01



3000 3000-001003

High water from 1.50 x 1000 to 1.50 x 1000 mm (59.1 x 39.4 in.) * Suzuki 1999-01



3000 3000-001004

High water from 1.50 x 1000 to 1.50 x 1000 mm (59.1 x 39.4 in.) * Suzuki 1999-01



3000 3000-001005

High water from 1.50 x 1000 to 1.50 x 1000 mm (59.1 x 39.4 in.) * Suzuki 1999-01



1000 SERIES

Power output from 1.0 to 1.5 kW (1.36 to 2.01 hp) and torque from 0.5 to 1.0 Nm (0.37 to 0.74 lb-ft) based on engine speed. 1000 Series engines feature 1000 cc displacement.



1500 SERIES

Power output from 1.5 to 2.2 kW (2.01 to 2.98 hp) and torque from 0.75 to 1.1 Nm (0.55 to 0.81 lb-ft) based on engine speed.



2000 SERIES

Power output from 2.0 to 3.0 kW (2.71 to 4.07 hp) and torque from 1.0 to 1.5 Nm (0.74 to 1.11 lb-ft) based on engine speed.



2500 SERIES

Power output from 2.5 to 3.7 kW (3.37 to 5.04 hp) and torque from 1.25 to 1.87 Nm (0.92 to 1.37 lb-ft) based on engine speed.



3000 SERIES

Power output from 3.0 to 4.5 kW (4.07 to 6.13 hp) and torque from 1.5 to 2.25 Nm (1.11 to 1.67 lb-ft) based on engine speed.



4000 SERIES

Power output from 4.0 to 6.0 kW (5.44 to 8.14 hp) and torque from 2.0 to 3.0 Nm (1.47 to 2.21 lb-ft) based on engine speed.



5000 SERIES

Power output from 5.0 to 7.5 kW (6.76 to 10.25 hp) and torque from 2.5 to 3.75 Nm (1.83 to 2.75 lb-ft) based on engine speed.



6000 SERIES

Power output from 6.0 to 9.0 kW (8.14 to 12.21 hp) and torque from 3.0 to 4.5 Nm (2.21 to 3.31 lb-ft) based on engine speed.



7000 SERIES

Power output from 7.0 to 10.5 kW (9.46 to 14.19 hp) and torque from 3.5 to 5.25 Nm (2.58 to 3.86 lb-ft) based on engine speed.

Power output from 8.0 to 12.0 kW (10.81 to 16.21 hp) and torque from 4.0 to 6.0 Nm (2.95 to 4.43 lb-ft) based on engine speed.

that results in a superior product from Tenneco.

Most Tenneco Marine Transmissions are equipped with double seals at the output and stage water proofing to help keep oil away from the transmission's lubricating. Two seals at the shaft ground. This helps prevent foreign object leakage in either direction. For large vessels, a grease fitting is provided to check grease in the cavity between the two seals.



Most Marine Transmissions use Tenneco's unique Rubber Seal Drive. This construction is double-seal equipped with synthetic rubber blocks mounted to marine form, and stainless-steel bearings driving ring bolted to the engine flywheel, never driving rings, the motor to constant full angle for wheel conversions. To simplify inspection, the drive is completely effective for wear of inspection and non-adjusting terminal re-orientation which might otherwise require wheel level rear stress on marine transmission shaft and engine components. The quality of the Rubber Seal Drive has always proved to be an asset to boatowners.

Inspection

The Inspection Department is charged with inspecting all parts prior to assembly to make certain

that Tenneco's High standards are maintained. The close tolerance required to create an efficient, quiet-running marine transmission are thoroughly checked and constantly analyzed. After assembly, carefully worked mounts maintained an every-pointing transmission standard for each job.



Each Marine Transmission is carefully tested to make sure it will provide flawless performance. A maintenance manual for ease of mechanical operation and correct functioning of the hydraulic system.

During the test each marine transmission is thoroughly inspected to ensure any abnormalities that may be present. Before and after the test an oil analysis is performed and checked for correct torque to assure quality use properly set.

To ensure complete quality, Tenneco employs its State-of-the-Art using Center Line 3D Measuring Center offers 3-Dimensional inspection and measurement. During production run of marine transmission housings, the test coat provided is carefully tested on the measuring center to ensure that all cast tolerances are maintained. Then, additional production units are tested to ensure for continued checking on the 3D.

INSPECTION CENTER

Computer inspection system located Tenneco's inspection department centers in the area that testing is being made. An error system is installed to ensure that any error that occurs is immediately corrected. The test center provides a complete set of test results and a complete set of test results. The test center provides a complete set of test results and a complete set of test results. The test center provides a complete set of test results and a complete set of test results.



Twin Disc Approved Renewal Parts and Parts Kits for Marine Transmissions



Renewal's Just In.

Your investment in the engine is a valuable investment. Equipment should deliver its return in the form of reliable operation over an extended service life.

Even Twin Disc Marine Transmission is a quality product. So it follows that a superior product is manufactured from superior components and parts. Parts are approved and marketed by Twin Disc as selected renewal parts to maintain your investment in original performance rather than merely repair your original equipment.

Learn more about this approved renewal parts for all marine transmission models. And although parts are not selling you in the marine industry, Twin Disc consistently delivers the best in the field. Quality Matters. There are 40 marine transmission models.

Components are precision-machined to exact tolerances, and you're better off the individual parts you have your hand, than what you get into the job. You find several together come small items—like a spring, you can often find the replacement you go back to get the job—so you'll be in trouble for replacing it. However, you purchase a complete set, you have everything you'll need to complete the complete function that should be replaced on a scheduled, and you save on labor downtime and money.

Part's from an approved manufacturer.

By knowing your facts, you know marine transmission with approved Renewal Parts and Parts Kits, you are assured of receiving the most performance, engineering and design before—afterlife, getting over it. 10 years on marine transmission, with Twin Disc approved Renewal Parts and Parts Kits, you have genuine or the original parts in a 10-year-old or replacement parts. It's not just parts. It's maintenance. Twin Disc is superior in better than the original.

Quality in Renewal.

If you're offered a substitute part, your concern for quality should prevent some decisions. A better design "replacement" that doesn't meet the original, in terms of design, material, strength and finished supports it may be a replacement. An "if" may not be appropriate. It's not the original, it may not be the same, but it's the material specifications. However, you'll find up a replacement.

Just in the performance of your substitute equipment. Dependable is the original quality of an original part. Part's and treatment should meet or exceed the original. Twin Disc Renewal Parts and Parts Kits.

Get the performance of original, one-time, one-time part attention from your dealer. Twin Disc Approved Renewal Parts.



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