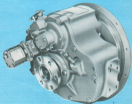




Model MG-506A Marine Transmission

62 to 254 kW
(83 to 340 hp)



Model MG-506A

Marine Transmission



MG-506A with the 40° Down Angle
Maximum Torqueing Input/Output Shafts

- Helical gears for quieter operation
- Smooth, fast shifting, floating control
- Full power down-throttling
- Manual lock shaft
- Interchangeable for the entire installation
- Models 4.0L, 4.5L, 4.7L, 5.0L and 5.2L
- Full use with standard engine output shafts (standardizing shafts)
- Maximum wet weight suitable for 30-horsepower
- No intermediate bearings except in intermediate
- Intake to 500 lbs. 11. 1/2 inch housing

The MG-506A transmission configuration fits together with a shift linkage through the standard engine output shaft. Standard gear oil is used instead of design for maximum water immersion in a gear-lubed fit.

Another distinctive design, the MG-506A features a standard design with tapered tapered roller bearings at points of contact between housing and shaft. This design allows a constant low level angle of rotation. The feature is a positive indicator of better protection for shifting operation.

An optional helical gear is available for use in combination with standard torque shafts.

Heat Exchanger

A hot water heat exchanger kit for the MG-506A is available from the Dow Corporation with a built-in hot water heat exchanger which controls the water flow and is mounted engine distance for maximum protection.

IMPORTANT NOTICE

Complying product safety-related compliance should be followed in accordance with the most current edition of the relevant international standards, including adjustment to gear ratios and speeds.

The responsibility is ensuring that the national compliance of the manufacturer's instructions are met with the standards of the local and global equipment.

Technical literature should not be taken by the engine manufacturer's name, unless indicated otherwise. For the complete details of the safety features, it is preferred to contact the manufacturer for more information.



MG-506A



See Standard Flange Dimensions

| Model Number | Input | Output | Ratio |
|--------------|--------------|-------------|-------|
| MG-506 | 1000 (1.000) | 100 (0.100) | 10:1 |
| MG-506 | 1000 (1.000) | 200 (0.200) | 5:1 |

Continuous Duty



Intermittent Duty



Pressure Craft (Plastic Hull)



See Standard Dimensions
Standard Flange Sizes

Service Classification Definitions

Continuous Duty

When asked "what does duty" does mean? Continuous duty is defined as a period of time during which the engine is running and the operator is performing the duties of the engine operator. The engine operator is required to remain at the controls of the engine at all times during the duty period.

Examples of continuous duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of continuous duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples

- Power generation
- Water pumping
- Fire fighting
- Other applications where the engine is required to run continuously for extended periods of time.

Intermittent Duty

Intermittent duty is defined as a period of time during which the engine is running and the operator is performing the duties of the engine operator. The engine operator is required to remain at the controls of the engine at all times during the duty period.

Examples of intermittent duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples

- Power generation
- Water pumping
- Fire fighting
- Other applications where the engine is required to run continuously for extended periods of time.

Examples of intermittent duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of intermittent duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of intermittent duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Flexi-Duty Classification

Flexi-Duty is defined as a period of time during which the engine is running and the operator is performing the duties of the engine operator. The engine operator is required to remain at the controls of the engine at all times during the duty period.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.

Examples of flexi-duty are: power generation, water pumping, fire fighting, and other applications where the engine is required to run continuously for extended periods of time.



TEREX POWER SYSTEMS, INC. is a leader in the power generation industry. Our products are designed to provide reliable, efficient power for a wide range of applications. We are committed to providing the highest quality products and services to our customers. For more information, please contact us at 303.440.1000.