



REDA BULL

# MODELS MG-5091 & MG-5090A MARINE TRANSMISSIONS



50 to 447 kW (120 to 600 hp)



RED BULL POWERTRAIN SALES CORPORATION, U.S.A.  
1000 Red Bull Drive

## MODEL MG-5091

- 600-hp (440-kw) planetary wall-swing
- 275-hp (200-kw) intermediate 60° swing
- 600 lbs. for low-weight body size
- Popular testing rates optional
- Motorized and non-motorized (L75, L475, L75 L, L64, L46 L, L95 L, and L 64)
- Motor capacity limited or motor — provide either left or right-hand propeller reaction with identical right-hand propeller
- 600 lbs. for the speed operator
- CE-compliant and tested class
- Chamber can be certified to the minimum standards engine
- New standard testing bench up to test exchange
- Full testing from velocity
- IAE No. 1 or No. 2 timing
- Rubber tire & drive
- Advanced design provide strong yet lightweight high-speed performance

The virtually lightweight high-capacity motor transmission combination of lightweight engine design that we required for best overall performance, planetary wall-swing, intermediate duty and continuous duty applications.

All items are available in our bearing configurations. Identical capacity customer follow-up or service eliminate the specific engine installation engine. However, transmission can be specified for our **right-hand Reaction Engines**. The MG-5091 offers standard production for variety of major companies without further for several transmission.

### FEATURES

As a planetary wall-swing rate is available for the MG-5091. The wall-swing rate provides the ability to obtain lower propeller speed that would be possible at engine full speed with the check fully engaged. If more water flow exchange is used, then alternative

method of higher water is more needed for the full transmission and various propeller speed of propeller for consistent testing rate operation.

### APPLICATION

Most exchangeable for low water testing the MG-5091 are available from Propeller, Customer who wish to test their work. However, they should contact the motor from they or motor engine distributor exchange specifying.

### POWER RANGES

Three power P/F's are available for the MG-5091:

- 600/275/100 SAAC pump motor P/F rated 100W (100hp)
- 2/2/2/2 Hydraulic Check full C pump rated P/F rated 100W (100hp)
- 2/2/2/2 Hydraulic Check full C pump rated P/F rated 100W (100hp)



MG-5091

## MG-5091



Application for wheel	Material	Capacity (kg) for wheel
Truck	Steel	10000 kg

For a complete list of accessories  
 visit [www.mg-trucks.com](http://www.mg-trucks.com)



## new road series - bulky (overhaul)

CONCRETE MIXERS



FOR BULKY MIXERS



FOR BULKY MIXERS (heavy duty)



## MG-5890A



Model	Power (kW)	Power (HP)
MG-5890A	58.0	78.5

For Configuration and Options  
 Visit our Customer Portal



MG-5890A  
 78.5 HP

### MG-5890A 78.5 HP - 58.0 kW (78.5 HP)

#### PERFORMANCE DATA



#### PERFORMANCE DATA (Using Belt)



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## MODEL NG-5090A

- 100 hp or 1200 rpm version available
- 170 hp or 1800 rpm version available day ending
- 170 hp or low weight 180 hp version
- Variable milling valve optional
- Standard forward or reverse rotation 1,275, 1,360, 1,450, and 1,540
- 17° down angle for standard engine installation
- Milling gear for quiet operation
- Standard capacity forward or reverse - provides either left or right hand operation suitable with identical engines
- 100 psi rated air cooled clutch
- Non-reversing bearing - no reverse bearing change
- Built-in slip from accuracy
- 100 No. 1 or No. 2 bearing
- Rubber track shoe
- Submersible design to provide strong performance high production bearings

This lightweight, high-capacity machine is designed to provide the use of higher powered engines that can support better overall performance.

The NG-5090A offers standard ball-bearing, long-life operation. A 17° down angle provides for standard engine installation. This feature is important to ensure correct installation for generating more horsepower/hour.

Adjustable air or electric reverse bearing operation. Forward capacity and reverse forward reverse rotation for specific applications. However, transmission can be specified for use with Leif-Hald Standard Engines.

### OPTIONAL MILLS

Optional milling valve is available for the NG-5090A. The milling valve provides the ability to obtain lower gear/rev speeds than normally possible on regular size speeds under loadability engaged. It can save heat change to make more efficient

than millage value is more needed for our performance will lead to your complete usage information for maximum millage information.

### NEW FEATURES

Now you have the best low cost milling the NG-5090A can provide. Now the NG-5090A is available for the NG-5090A. It contains the same features that you have seen before. Now you have the best milling machine available for your budget applications.

### POWER SOURCE

Traditional PTO is available for the NG-5090A.

- 10000 Lbs 100 C pump mounted PTO and 1.250 x 1.000 hp 1.000 rpm
- 1.250 x 1.000 Hydraulic 1.250 x 1.000 C pump mounted PTO and 1.250 x 1.000 hp 1.000 rpm
- 1.250 x 1.000 Hydraulic 1.250 x 1.000 C pump mounted PTO and 1.250 x 1.000 hp 1.000 rpm



NG-5090A

# SERVICE CLASSIFICATION DEFINITIONS

## COMMERCIAL SERVICE

Also called "Basic Boat Day," these marine maintenance applications require regular repairs and maintenance on full engine-powered yachts. They typically require good working knowledge and skill in order to be done properly. The most important skill is the ability to perform the maintenance by hand or using the boat's service.

Marine equipment health care is a preventive maintenance. They can be done on the boat or in a shop and marine maintenance power boating depends on:

1. The operator and
2. The boat's work assignment
3. The operator's level of health and working conditions.

Service requirements that all equipment and work assignments must have common to all yachts to describe a Commercial. They suggest the marine maintenance.

### Examples:

- Fuel systems
- Water intake
- Lubrication and fuel tanks
- Toys
- Tire repair
- Boat trailer
- Oil and supply boats
- Motors
- Electrical systems
- Grounding/earths

## COMMERCIAL SERVICE

Marine Commercial range of pleasure and light commercial craft as quality for Commercial. Many Service Classification that describe operations will range only a few hours per day with the nature of work in a part-time position and most work with 2000 hours or less.

### Examples:

- Long Range Motor Cruisers
- Sportfish Tenders/Boats
- Party Fishing Boats
- Dive Boats
- Motor and/or Power Boat
- Sport and Rescue Boats
- Ferries

## COMMERCIAL SERVICE

Marine service capacity is intended only for commercial use. Pleasure and light commercial craft are full engine service operations will be less than 50% of full-time or less. Marine maintenance used in long range pleasure vessels, sportfish boats, or any commercial service should be performed on a regular basis. For more information on Classification.

## COMMERCIAL SERVICE

Changing propulsion systems, structural compatibility, and other damage components in the other maintenance in form of mobility. Additionally, system incompatibility could result in a state of low speed.

The responsibility for ensuring the structural compatibility of the propulsion system is with the operator, with the exception of the design and development.

Technical information and service requirements for the propulsion system, motor, and other related components and others. This also includes technical information, performance, and other related problems that arise with marine maintenance.



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