TWIN DISC

MARINE PRODUCT GUIDE

November 2018

ENGINEERED TO WORK. HARD.

Twin Disc marine products are designed, engineered and built to perform real tasks, really well, in the real world. Sometimes it's glamorous work; sometimes it's not so pretty. But it's always necessary.

From luxurious pleasure craft to stealthy military vessels to hard-working tugs, pushboats, fishing boats, crew boats and supply vessels, Twin Disc products optimize the control of the engine's horsepower, contributing to the boat's overall performance, productivity, operating efficiency and cost-effectiveness.

Twin Disc marine products propel all kinds of vessels, on all kinds of water, all around the world.

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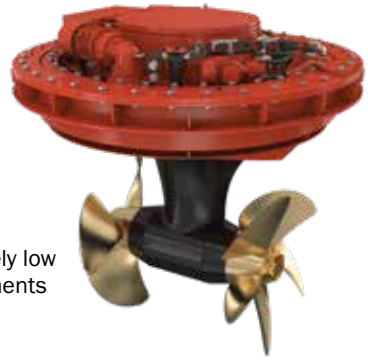
VETH PROPULSION

TWIN DISC

WE JOINED FORCES

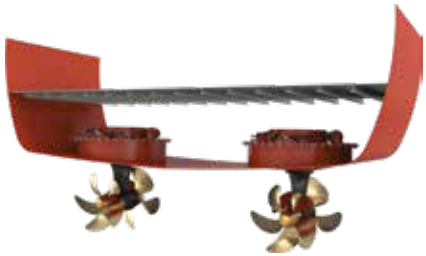
- Twin Disc welcomes Veth Propulsion to its family of products, with an innovative propulsion system design, engineering and the products to match.
- Together we offer an unparalleled array of propulsion systems with unmatched global customer support.

A STRONG HISTORY OF RELIABLE SOLUTIONS



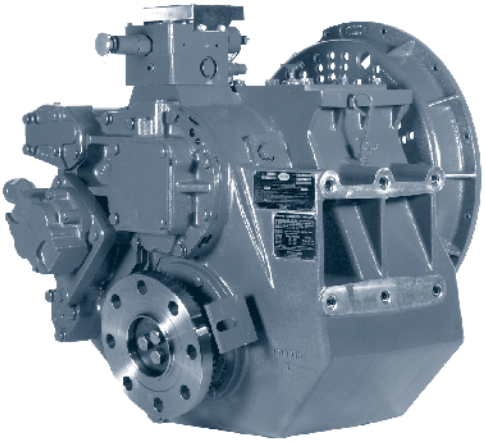
L-DRIVE

- Compact design; extremely low mounting space requirements
- High efficiency
- Quiet
- Low weight
- Built using proven Veth Propulsion technology
- Outstanding maneuverability due to the 360° thrust
- Electric motor inside the ship; fewer vulnerable components underwater
- Simple to install
- Slip ring cabinet unnecessary
- Optimal flow of water thanks to 'Shark Tail' on counter-rotating propeller



Z-DRIVE

- 360° full thrust for optimal maneuverability
- 2% more efficiency than with a conventional propeller
- Possibility for flexible suspension (better insulation from noise and vibration)
- Ability to change propeller without docking
- Simple to install
- More room for passengers/cargo due to compact construction
- No separate gearbox needed
- Ideally suited for Dynamic Positioning (DP)
- Safer, through shorter emergency stopping distance and improved maneuverability



QUICKSHIFT®

You've got to feel it to believe it.

FAST, SMOOTH SHIFTS

No other marine transmission in the world shifts as fast and smooth as the Twin Disc QuickShift®, yet it provides amazing control at near zero vessel speed.

FEATURES & BENEFITS

- Patented, completely internal and integrated clutch actuating system
- Regulates engine torque at extremely low speeds to slow the propeller speed down to 50 rpm or less — allowing you to maneuver at near zero boat speed, an incredible advantage in docking
- Instantly delivers cushioned torque to the driveline when shifting from neutral to anywhere from full ahead to full reverse
- Eliminates driveline shock while optimizing power to the driveshaft
- Steep but smooth power curve (full out or at slow speeds)
- Superior maneuvering control
- Instant power to propeller

ROLLA™

A Twin Disc Company

ULTIMATE PROPELLER PERFORMANCE

Since 1963 the name Rolla has been synonymous with the highest quality, most efficient propellers in the world. What started with Philip Rolla individually designing and crafting race-winning propellers has grown to become the leader in propeller technology for high-performance pleasure and commercial craft and military vessels.

FEATURES & BENEFITS

- Rolla stainless steel and NiBrAl propellers range from 16 inches to 10 feet in diameter
- Specifically designed for high-performance submerged and Arneson Surface Drive® applications
- Wide variety of service for every aspect of propeller design, manufacture and application
- Offers complete hydrodynamic analysis and engineering capabilities to computational fluid dynamic (CFD) hull analysis to sea trials

ARNESON™
BY TWIN DISC

SPEED IS JUST THE BEGINNING

Mechanical innovator and offshore racing enthusiast Howard Arneson perfected the performance and reliability of surface-piercing propulsion. Twin Disc then made Arneson Surface Drives® available for non-racing applications — pleasure craft and commercial vessels, as well as military applications. Today, Arneson Surface Drives® are renown as the fastest, most efficient, fuel-friendly propulsion systems on the planet.

FEATURES & BENEFITS

- Cleaner hull, trimable drive shaft and adjustable angle
- Completely eliminates cavitation, thus increasing propeller performance while reducing cavitation erosion
- Manufactured for maximum duty applications and to last the life of the vessel using high-quality, corrosion-resistant materials matched to exacting tolerances
- Models designed to fit virtually every powerplant option, accommodating torque outputs exceeding 16,500 lb-ft
- Can be combined with Twin Disc QuickShift® transmissions and EC300 control systems
- Accelerate faster and achieve higher top end than conventional drives
- Reduce underwater drag by 50% compared to conventional submerged propeller drive systems and provide more efficient thrust
- Can reduce engine costs while maintaining performance
- Better payload-to-power ratio
- Outperforms waterjets in high-speed applications

MODEL		ASD08	ASD10
HORSEPOWER ACCEPTANCE	GASOLINE @ 5200 rpm	To 990	To 1485
	DIESEL @ 2400 rpm	To 380	To 565
	GAS TURBINE	Contact Twin Disc, Inc.	
ASD INPUT SHAFT TORQUE LIMITS[1] (lbs-ft)		1200	2000
NOMINAL SHAFT SIZE (inches)		2.00	2.50
UNIT WEIGHT (pounds, dry, includes ASD unit, trim and steering cylinders, trim pump, reservoir, mounting hardware and hoses)[2]		B 285	B 415
OVERALL EXTERNAL LENGTH (inches)		42	53
THRUST SOCKET DIAMETER (inches)		8	10
THRUST SOCKET FLANGE DIAMETER (inches)		12	14
TURNING ANGLE (total)		40˚	40˚
PROPELLER TRIM CONTROL (vertical travel)		15˚	15˚

1. Torque ratings shown are nominal and may vary due to vessel characteristics.

ASD11S	ASD12	ASD14	ASD15S	ASD15L	ASD16
—					
To 850	To 1400	To 1800	To 2100	To 2400	Contact Twin Disc, Inc.
Contact Twin Disc, Inc.					
3200	4800	8000	11500	13500	16500
2.875	3.30	3.50	4.50	4.50	4.50
B 515	B 785	B 1135	A 1500	A 1540	A 1985
57	63	71	78	78	87
10	13	15	19	19	20
14	17	19	21.25	21.25	23
40˚	40˚	40˚	36˚	36˚	36˚
15˚	15˚	15˚	15˚	15˚	15˚

2. A: Aluminum housings
B: Bronze housings

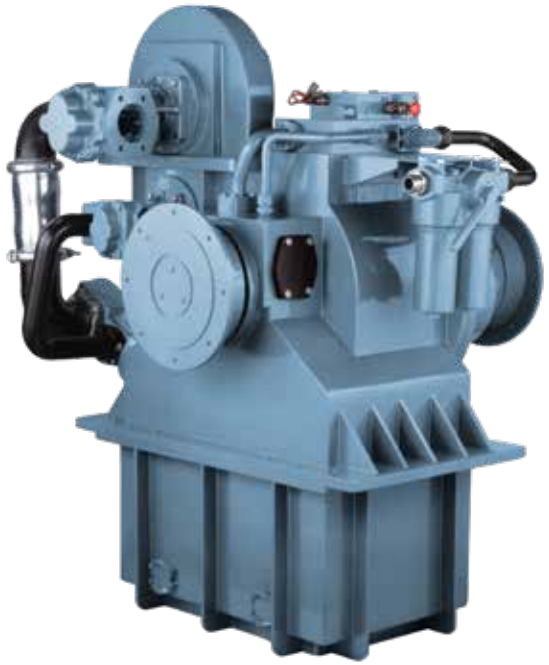
MARINE CONTROL DRIVES (MCD)

TIME & FIELD PROVEN

More than 30 years of rugged applications prove Twin Disc Marine Control Drives (MCD) offer distinct operating advantages for any vessel requiring highly accurate positioning or extreme slow-speed maneuverability while splitting main engine power to operate high-powered FiFi pumps or other auxiliary gear. Power capacities range from 1680 to 5250 kW (2250 to 7040 HP).

FEATURES & BENEFITS

- Provides operating advantages for vessels requiring highly-accurate positioning
- Used in conjunction with Azimuth Thruster systems
- Best alternative to controllable pitch propellers (CPP)
- Dynamic positioning (DP) capable
- High-capacity PTO to drive auxiliary equipment
- Emergency “come home” device per classification requirements
- Smooth, gradual propeller speed change resulting in improved maneuverability
- Safer and easier vessel control during slow speed maneuvering and docking
- Adjustment of propeller speeds below engine speed rating
- Divides the power from the main propulsion engine to eliminate the need for auxiliary engines
- Delivers an instant response when required
- Bearing calculated for high universal joint angles at maximum power
- Compared to controllable pitch propeller (CPP), the Marine Control Drives can be serviced inboard without the need to dry-dock or diver support
- Slipping up to intermediate engine speeds or other custom requirements are possible; Twin Disc expert application team will help customize to any desired operator requirement



LD MODELS	
Model	kW/rpm
2000-1-LD	1.20
2000-2-LD	1.60
2000-3-LD	2.00
4000-1-LD	2.40
4000-2-LD	2.80
4000-3-LD	3.20
4000-4-LD	3.60
4000-5-LD	3.75

HD MODELS		
Model	kW/rpm	Dissipation
2000-1-HD	1.20	100 kW
2000-2-HD	1.60	130 kW
2000-3-HD	2.00	160 kW
4000-1-HD	2.40	190 kW
4000-2-HD	2.80	225 kW
4000-3-HD	3.20	250 kW
4000-4-HD	3.60	290 kW
4000-5-HD	3.75	330 kW
5000-1-HD	3.75	400 kW
5000-2-HD	3.75	450 kW

E-STEER™ POWER STEERING SYSTEM

Introducing E-STEER (ES4000), Twin Disc's latest generation power steering system, based on CAN bus communication architecture and 24VDC and 380V AC hydraulic power packs. The ES4000 compliments our existing line of hydraulic steering systems, power assisted hydraulic systems, and electronic over AC powered hydraulic power packs.

FEATURES & BENEFITS

- Dual Bus Technology: Every system has redundant CAN bus communication cables. If one bus is taken down, the system still operated off the other bus.
- Optional Dual Control Systems: While a single control system can operate two rudder systems, addition of a second control module provides further redundancy to operate secondary hydraulic rudder systems in the event of a failure of the primary system
- Dual Power: Each control has a primary and secondary power input, with audible alarms for loss of either supply
- Manual Control Option: A hydraulic helm unit can be installed for further backup of the electronic system
- Speed Sensing™ adaptive steering with dynamic rudder control
- Color display with intuitive graphics of rudder position, system operating status, and fault conditions
- Auto-pilot interface
- Joystick tiller option
- Active helm unit has option for auto-return to center
- Station transfer for multiple helms
- Electronic tie-bar feature
- Programmable for tuning steering system for optimal vessel performance

E-STEER

TWIN DISC HYDRAULIC THRUSTERS

RELIABLE AND HIGH PERFORMING

Our years of experience in propulsion technologies have brought Twin Disc to the development of our thrusters line. Compact design and easy installation make Twin Disc hydraulic thrusters a favorite among major boatyards.

FEATURES & BENEFITS

- Combines the need for higher thrust requirements and longer working cycles with the builders' need to control the total weight and dimensions, and the final system cost
- Bow- and stern-mounting options
- Complete range for applications up to 130'
- Double counter-rotating propeller
- Transmission gears built in high-tensile materials
- High-quality materials suitable to the marine environment
- Wide range of hydraulic components in different sizes for a complete system and different configurations
- Compact leg design for a low hydrodynamic resistance
- Reduced noise
- 'Brand name' hydraulic components for easy access to spare parts
- Easy installation
- Conforming to the highest production standards

HYDRAULIC THRUSTER TECHNICAL DATA

Model	Nominal Thrust Kgf • N (lbs)	Tunnel I.D. mm (in)	Nominal Power kW (hp)	Weight kg (lbs)
BP 220	220 • 2158 (485)	250 (9.83)	18.7 (25)	24 (53)
BP 300	300 • 2943 (661)	300 (11.80)	28.5 (38)	35 (77)
BP 400	400 • 3924 (881)	355 (14)	35 (47)	45 (99)
BP 550	550 • 5886 (1322)	400 (15.75)	48.5 (65)	75 (165)
BP 600	600 • 5886 (1333)	450 (17.72)	60 (82)	85 (189)

These values are intended to be indicative. The performance of each thruster depends on several different factors and on the sizing of the hydraulic components. Contact the Twin Disc Applications Engineering Department for suggestions on the most suitable configuration at applications@twindisc.com.

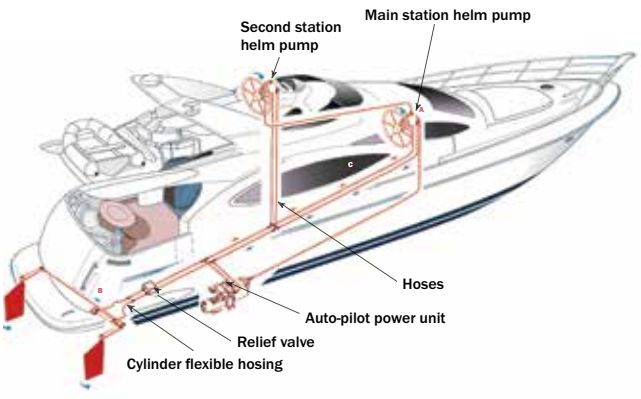
TWIN DISC STEERING SYSTEMS

HYDRAULIC AND ELECTRONIC OPTIONS

Our steering systems are a combination of selected materials, innovative design and state-of-art technical solutions. All components are built with high precision systems and tooling to meet the requirements of the best survey authorities such as Rina Lloyd's Register, ABS and Bureau Veritas.

FEATURES & BENEFITS

- Wide variety of possible configurations
- Suitable for either small/medium pleasure boats and commercial vessels
- Highly-flexible and efficient electronic systems are suitable for applications up to 230'
- Electronic systems support over 100 application types
- Decades of experience in the production of electronic power-assisted steering
- Ensure performance and durability
- Hydraulic cylinders and helm pumps can handle many different applications, from outboard steering to inboard systems



TWIN DISC TRIM TABS

PERFORMANCE, SAFETY AND EFFICIENCY

Twin Disc offers trim tab systems in stainless steel and aluminum. Both are available in a large variety of dimensions and can be combined with four different hydraulic kits, satisfying many different requirements and covering a wide application field. A large selection of accessories are available to complete both stainless and aluminum systems and aid in easy and efficient use.

FEATURES & BENEFITS

- Stainless steel offers highest corrosion resistance
- All series MY3000, MY4000 and MY5000 are available in the simple tab (single plate) type for smaller boats or with lower loads, and the reinforced tab (reinforced plate) for larger applications
- MY3000 series tabs are provided with a welded connection cylinder

Performance improvement

- Stern lifting and better balance
- Faster planing
- Better propeller efficiency for more in-line power
- Listing correction
- Decrease of yawing and wandering with cruising quality improvement

Safety improvement

- Better and greater visibility
- Better maneuverability at low cruising speed

Efficiency improvement

- Better engine performance
- Reduced fuel consumption
- Staying on plane even at slower cruising speed

SEAPROP 60 SAILDRIVE

SAILING EASE AND VERSATILITY

The SeaProp 60 saildrive is a propulsion system for sailboats with engines rated up to 56 kW (75 hp) @ 3600 rpm. Sailboat manufacturers and operators alike benefit from this system's unique but proven design.

FEATURES & BENEFITS

- Easy, space-saving installation
- Eliminates propeller shaft along with stuffing box, cutless bearing, stern tube and strut
- Can be matched with a variety of fixed or foldable propellers
- Sailboat manufacturer will overcome inherent limitations and problems of conventional inboard shaft drive installations with a quicker, more versatile and simplified engine installation process
- Easily mounted facing forward or aft
- Not constrained by shaft angle and offers the builder more versatility in engine placement and a smaller 'footprint' (no shaft, stuffing box, or strut aft of the engine)
- Increased propulsion efficiency as the thrust is parallel to the boat's waterline
- More efficient, quieter, creating less vibration to the boat and providing an all-around smoother experience
- No water leakage into the bilge through the stuffing box

SAILDRIVE SP60 TECHNICAL DATA

RATIO		INPUT RATINGS - PLEASURE KW (HP)		
Forward	Reverse	2800 rpm	3000 rpm	3600 rpm
2.15	2.15	43 (59)	46 (63)	55 (75)
2.38	2.38	34 (46)	36 (50)	44 (60)

Max Input Speed: 3800 rpm
Dry Weight: 43 kg
Oil Quantity: 2.8 liters

POWER COMMANDER™ BY TWIN DISC

ULTIMATE CONTROL IN YOUR HANDS

Leading the industry in quality, style and performance, the Twin Disc EC300 Power Commander™ electronic control system is designed to interface with all popular electronic engines and transmissions. It is versatile, rugged and easy to install. With literally one finger on one lever, the operator can control the boat's speed and direction. Multiple drivetrains and multiple control heads can easily be accommodated. Multiple electronic control stations can be placed around the boat.

FEATURES & BENEFITS

- Single lever control
- Selectable synchronization
- Trolling valve control option
- J1939, RS232, RS485 coms
- Allows up to eight control stations
- Cast aluminum control boxes with stainless steel levers (two length options)
- Express Joystick System® ready
- Selectable station transfer rules
- Individual station active indicators
- Individual station neutral indicators
- 12 and 24 volt system power compatible
- Full functionality of QuickShift® gears

DON'T BUY YOUR NEXT BOAT WITHOUT IT

The Twin Disc Express Joystick System® (EJS®) absolutely revolutionizes docking and slow speed maneuvering of diesel powered, conventional shaftline boats.

With easy fingertip movements you control direction and speed — instantaneously and intuitively. No lugging. No lurching. No clunking. All thanks to proven QuickShift® transmission and EC300 control technology.

FEATURES & BENEFITS

- "Push, twist and go" directional maneuvering
- Proven QuickShift® transmission and EC300 control technologies
- Simultaneously and instantaneously controls engines, transmissions and thrusters
- During docking, eliminates steering wheel and control lever activities
- Effortlessly move the boat in any direction and even pivot on its own axis
- Extremely intuitive responsiveness
- Ergonomically friendly
- Remarkably easy to learn
- Interfaces are available for non-Twin Disc thrusters, please contact Twin Disc for availability

MAINTAIN POSITION WITH THE TOUCH OF A BUTTON

Based on the award-winning EJS®, Express Positioning® maintains a vessel in a fixed position and heading at the touch of a button. A dedicated, highly accurate and reliable GPS receiver determines the vessel's exact location and heading and the Twin Disc EC300JS controller commands the Twin Disc QuickShift® transmissions and Twin Disc proportional hydraulic thrusters to smoothly and instantaneously maintain the precise station coordinates and heading.* Never before have shaft line boats been able to so effortlessly hold position.

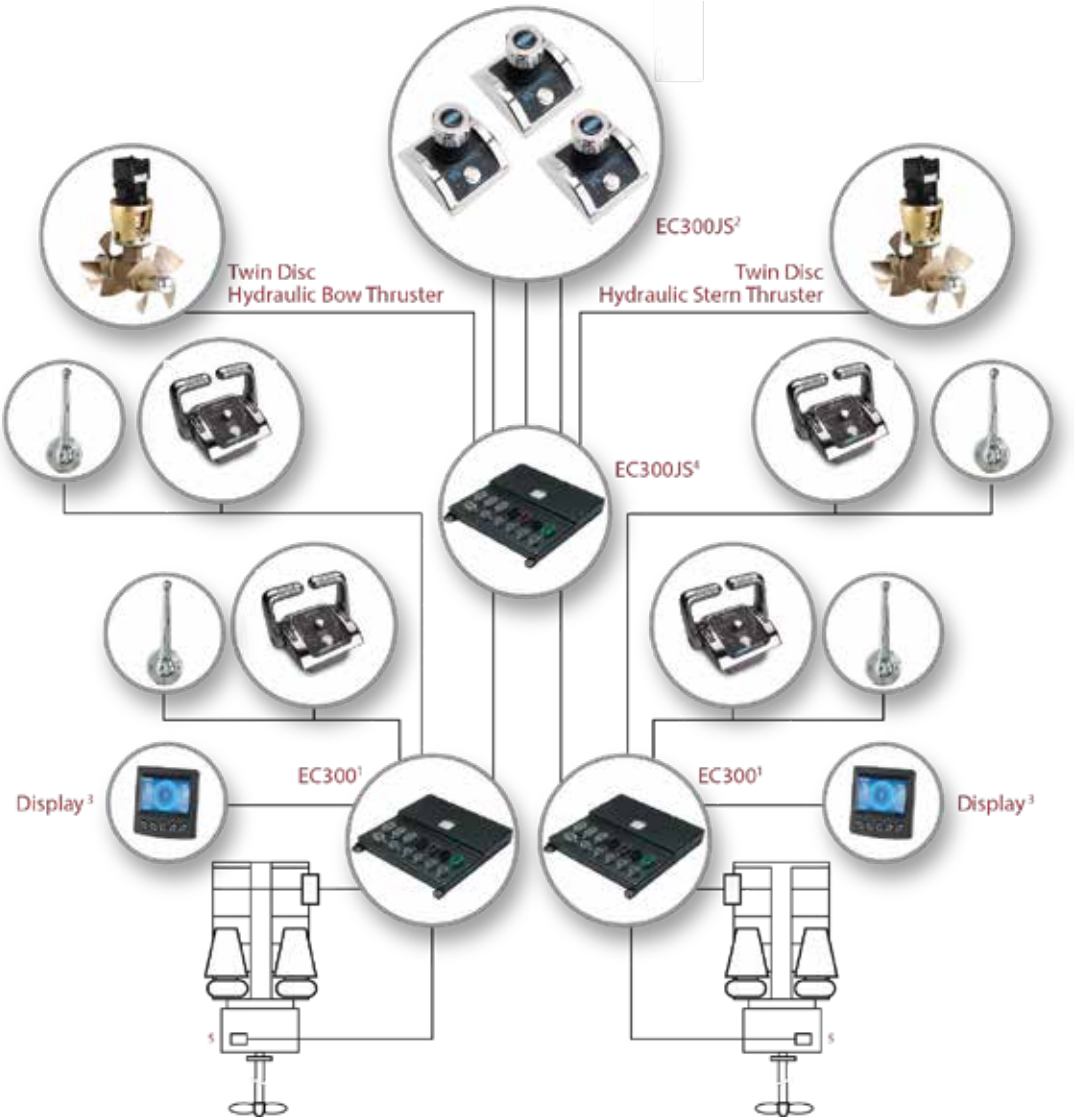
FEATURES & BENEFITS

- Works only in conjunction with Twin Disc Express Joystick System®
- Maximum power available to continuously hold station without producing excess heat or wear
- Compatible with single- and twin-engine applications
- Compatible with twin-engine bow or bow/stern thruster applications
- Can be retrofit to existing EJS® applications
- Based on years of experience with Dynamic Positioning systems in commercial vessels
- Only QuickShift® transmissions provide the smooth, responsive shifting and propulsion control required
- QuickShift® transmissions and precision hydraulic thrusters provide ultra fine maneuvering control at low thrust levels

* Vessel position may not be maintained in all sea and weather conditions. Captain is responsible for the safe operation of the vessel.

EXPRESS JOYSTICK SYSTEM® (EJS®)

Sample Diagram



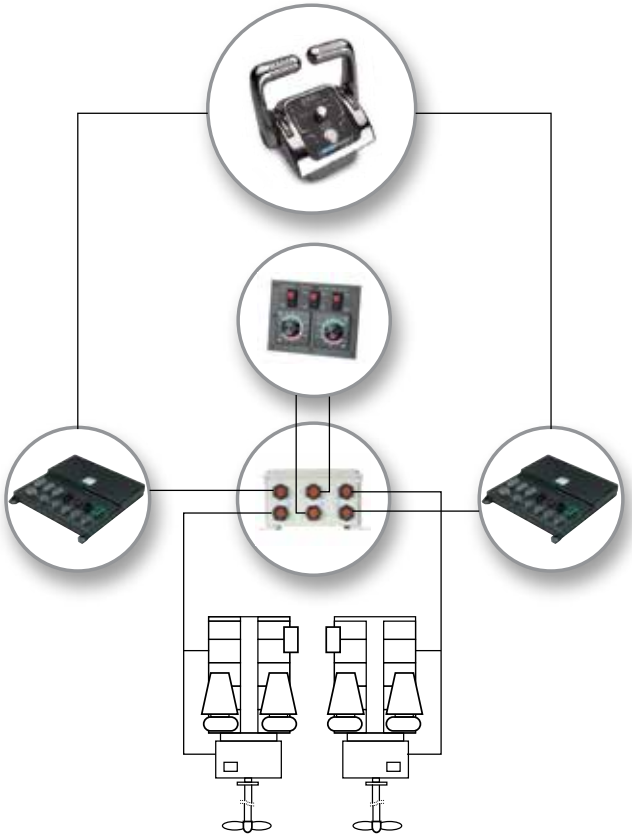
1 EC300: Standard control system for up to seven digital stations and up to eight engine/transmission shaft lines per vessel.
2 EC300JS: Express Joystick System® option for up to six joystick stations.
3 Color display option (shown).
4 Available GPS option, station-keeping, Express Positioning System®.
5 Twin Disc QuickShift® transmissions required.

PLEASE CONTACT TWIN DISC OR A TWIN DISC AUTHORIZED DISTRIBUTOR FOR MORE DETAILS.

BACKUP PROPULSION CONTROL SYSTEM

Twin Disc-Supplied Operator Panel

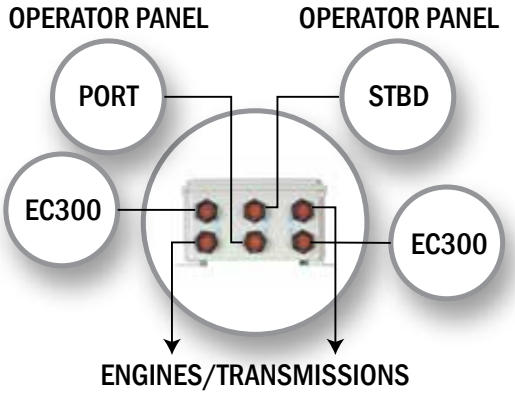
For use with EC300 Power Commander™ and Twin Disc marine transmissions.



EC300 POWER COMMANDER™

POWER COMMANDER™ BY TWIN DISC

Customer-Supplied Local Operator Panel



FEATURES & BENEFITS

- Provides fully redundant and independent propulsion control of EC300 Power Commander™ systems with electronically-governed engine and Twin Disc QuickShift® and standard marine transmissions
- Includes a twin engine interface box, operator panel and associated harnesses
- Interface box developed to be plug and play with Twin Disc QuickShift® and standard marine transmissions configured for EC300
- Intuitive operator panel with integrated throttle/transmission control knobs
- 4-20mA standard throttle signal (contact factory for other options)
- Backup engine and marine transmission commands can be received directly from a compatible, customer-supplied local operator panel in place of the Twin Disc operator panel
- Interface box has integral “direction confirmation” feedback for engine systems which require potential free contacts to confirm ahead, neutral, astern
- Integrated neutral start interlock to inhibit engine start when either the backup system is commanding clutch engagement, or the marine transmission manual override is engaged
- Two interface boxes and operator panels can be used for backup on triple or quad-screw vessels
- Option for backup control of Twin Disc marine transmission with internal shaft brake

ARNESON® WITH MASTERTRIM™

A NEW LEVEL OF PERFORMANCE AND CONTROL

Based on the robust Twin Disc EC300 electronic control platform, Mastertrim® is a programmable trimming system which adjusts the trim of the Arneson Surface Drive® and the vessel's trim tabs or interceptors to preset positions based on vessel speed and operator-selected modes.

FEATURES & BENEFITS

- Four operating modes selected to suit conditions
- Select manual mode by simply pressing the mode switch, or by manually trimming any one of the drives or tabs
- On-board diagnostics constantly monitor the health of the electronic controls system and displays instant feedback
- No special electronics needed for system troubleshooting
- Frees the operator to focus on driving the boat, rather than adjusting the propulsion system
- Easily programmed during vessel commissioning via the supplied display; the system will guide the operator through static and dynamic calibrations

Current installations supported:
- Twin drive with trim tabs or interceptors
- Tabs or interceptors are required
- Single helm station only

System make up:
- Electronic controls
  - EC300MT control
  - MT display
  - Valve driver module
  - Interface to ship's GPS
  - Driveline speed sensors
  - Trim and steering position sensors
  - Interface to customer-provided trim and mode switches
  - Optional analog gauge kit

- **Hydraulic system:**
  - Twin Disc-supplied integrated trim and steering manifold must be used

POWER COMMANDER™ BY TWIN DISC

EC300DP POWER COMMANDER™ ELECTRONIC CONTROL SYSTEM

TOTAL PROPULSION CONTROL

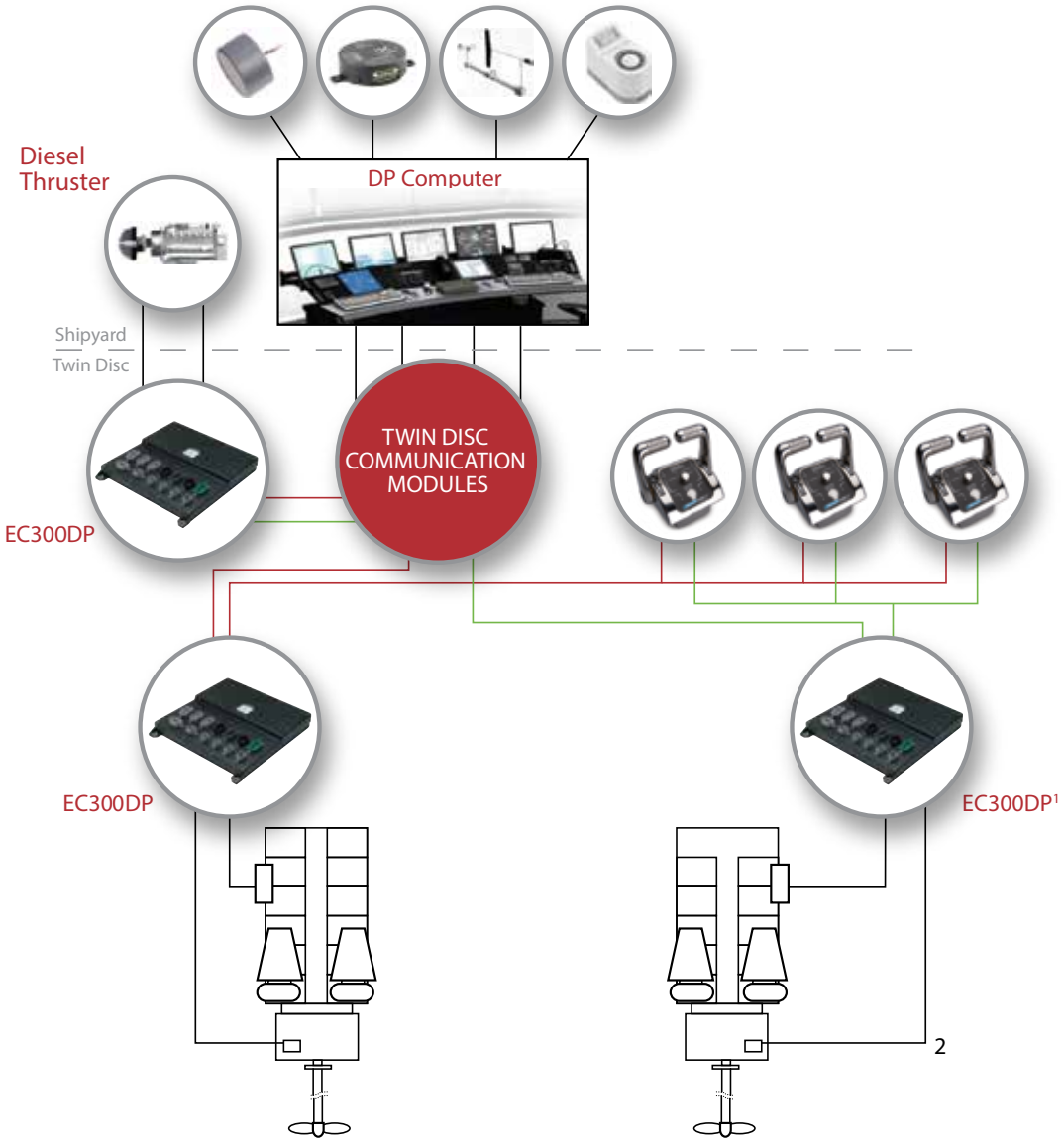
The Twin Disc EC300DP propulsion control package allows instantaneous, shockless and virtually constant forward and reverse shifting to keep supply vessels on station as directed by the craft's dynamic positioning system. Twin Disc Power Commander™ Electronic Controls give you total control with electronic precision and, literally, fingertip ease. With only one lever required per engine, you can control your boat's speed and direction with one hand. You get responsive control over the entire speed range.

FEATURES & BENEFITS

- High thrust rate change competitive with alternative drive packages
- More than 30x/minute directional reversals
- Designed for conventional shaft lines with QuickShift® transmissions
- Linear thrust control from 10% of idle engagement to full engine power
- Maintain fuel-efficient engine speeds even at low propeller speeds
- Meets DP2 requirements
- Enhanced installation, monitoring and maintenance/ service software
- Versatile, rugged and easy to install
- Designed to interface with all popular electronic engines and DP systems

TWIN DISC DP INTERFACE SYSTEM (EC300DP)

Sample Diagram



1. The Twin Disc EC300DP control system is suitable for DP0, DP1 and DP2 vessels with conventional propellers and two (2) or more engine/transmission drivelines.
2. Twin Disc QuickShift® transmissions required.

PLEASE CONTACT TWIN DISC OR A TWIN DISC AUTHORIZED DISTRIBUTOR FOR MORE DETAILS.

GLOBAL SERVICE

The Twin Disc Global Customer Support Program is committed to providing world-class support in the most efficient and consistent manner for all of our customers. Our regional sales offices and vast distribution network support Twin Disc products all over the world. With a corporate presence in every major market region, and our extensive and growing worldwide network of more than 157 distributor sales and service locations in 86 countries, you can rest assured you're never far from Twin Disc support.

Our program offers a wide range of services from the sales process through commissioning and eventually, upgrade. Twin Disc experts are always available, wherever you are, to help you obtain the best possible return on your investment in our products.

Training curriculum provided by the Twin Disc Global Customer Support Program is developed utilizing the latest information and is built upon decades of expertise. Group training in a classroom setting as well as hands-on training with electrical, mechanical and spin test stands provide the most in-depth training for all of our global technicians.

With our vast network of distributor and dealer locations around the world, Twin Disc offers you unprecedented service support. We can put engineering and service expertise on location virtually anywhere. We'll work with you on your particular application and product to ensure optimum results. We're more than just a name you know, Twin Disc is a name you can trust.

Wherever you are when you need support, simply call your local Twin Disc distributor. To find your nearest distributor, go to: www.twindisc.com.

SERVICE CLASSIFICATION DEFINITIONS

PLEASURE CRAFT

Up to 500 hours/year, low load factor usage planing hull vessels where typical full engine throttle operation is less than 10% of total time. The balance of operation at 80% of full engine throttle or less. Marine transmissions for use in long range pleasure cruisers, sportfish charter boats/patrol boats do not qualify for Pleasure Craft Service.

Note: Some revenue-producing applications such as Planing Hull Bristol Bay Gillnetter do qualify under Pleasure Craft rating definition.

LIGHT DUTY

Relatively low hour usage (less than 1500 hours/year) where full throttle operation is 2 hours out of 12. Typical applications include planing hull vessels such as fire boats, sport-fish charter boats and patrol/customs boats. This rating is also applicable to some bow and stern thruster applications.

INTERMEDIATE DUTY

Hour usage of up to 2000 hours/year (for models MG(X)-5114 and smaller) and up to 3000 hours/year (for models larger than MG-5114) with 50% of the operating time at full engine rating.

Typical applications include planing hull vessels such as ferries, fishing boats, some crew boats, and also some displacement hull yachts as well as some bow and stern thruster applications.

MEDIUM DUTY

Hour usage of up to 4000 hours/year with up to 80% of operating time at full engine power. This duty classification is for usage where some variations in engine speed/power occur as part of normal vessel operation.

Typical vessels include mid-water trawlers, crew/supply boats, ferries and some inland water tow boats.

CONTINUOUS DUTY

For use in continuous operation with little or no variation in engine speed/power settings.

Typical vessels include fishing trawlers, tow/tug boats and ocean going vessels.

SPECIAL APPLICATIONS

Some applications such as Dynamic Positioning (DP), Wind Farm Service, and others, require Twin Disc Factory Approval.

IMPORTANT APPLICATION INFORMATION

- Transmission ratings are based on use of the transmission in a torsionally compatible system utilizing a suitable input torsional coupling.
- Ratings are for diesel engines at the indicated speeds, unless otherwise indicated.
- Ratings are shown in SAE horsepower (HP).
- Consult factory for ratings applicable to gasoline engines, gas turbines, or other applications not conforming to the given service class definitions.
- Ratings apply to right hand engines (i.e., counter-clockwise flywheel rotation when viewing rear of engine).
- Transmission ratings should equal or exceed the engine's published ratings for the given application.
- Final marine transmission selections are to be confirmed prior to issuance of the purchase order. For unusual or unique applications, please contact Twin Disc, Inc. for product selection assistance.
- Marine transmission input couplings provided by Twin Disc are configured to interface with engine flywheels which conform to SAE J620 standards. Please consult Twin Disc when use of non-standard flywheels are considered.
- Most of the transmissions listed herein are to be mounted directly on the SAE flywheel housing of the engine. It is necessary that the engine crankshaft endplay be measured before the driven equipment is installed and rechecked after the driven equipment is installed. The endplay measurements, before and after transmission installation, should be the same. If not the same, the driven equipment should be removed and the problem source located and corrected before the engine is started. Engine crankshaft endplay measurement is considered mandatory.
- The given data is subject to modifications/corrections without prior notice.
- Use certified print for installation.

IMPORTANT NOTICE

Disregarding propulsion system torsional compatibility could cause damage to components in the drive train resulting in loss of mobility. At minimum, system incompatibility could result in gear clatter at low speeds.

The responsibility for ensuring that the torsional compatibility of the propulsion system is satisfactory rests with the assembler of the drive and driven equipment.

Torsional vibration analysis can be made by the engine builder, marine survey societies, independent consultants and others. Twin Disc is prepared to assist in finding solutions to potential torsional problems that relate to the equipment of Twin Disc Incorporated's supply.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 2300 RPM	@ 2800 RPM	@ 3200 RPM	
MG-340**	F: 1.45 / R: 2.13 F: 2.00 / R: 2.13 F: 2.60 / R: 2.13	F: 26 (35) / R: 9 (12) F: 21 (28) / R: 7 (9) F: 17 (23) / R: 6 (8)	F: 26 (35) / R: 9 (12) F: 26 (35) / R: 9 (12) F: 21 (28) / R: 7 (9)	F: 26 (35) / R: 9 (12) F: 26 (35) / R: 9 (12) F: 23 (31) / R: 8 (10)	4500
MG-360**	F: 1.55 / R: 2.00 F: 2.00 / R: 2.00 F: 2.45 / R: 2.45 F: 2.83 / R: 2.45	F: 40 (54) / R: 29 (39) F: 36 (48) / R: 29 (39) F: 29 (39) / R: 23 (31) F: 24 (33) / R: 23 (31)	F: 50 (67) / R: 35 (47) F: 44 (59) / R: 35 (47) F: 35 (47) / R: 28 (37) F: 29 (38) / R: 28 (37)	F: 56 (75) / R: 40 (54) F: 50 (67) / R: 40 (54) F: 40 (54) / R: 32 (43) F: 33 (44) / R: 32 (43)	5000
MG-5005 A	1.54 2.00 2.47	83 (111) 67 (90) 50 (67)	101 (136) 82 (110) 60 (81)	110 (148) 93 (125) 70 (94)	4500
MG-5012 SC	1.51 2.09 2.40 2.77	123 (165) 106 (142) 94 (126) 82 (110)	149 (200) 129 (173) 115 (154) 100 (134)	171 (229) 148 (198) 131 (176) 114 (153)	4500
MG-5020 SC	1.50, 2.04 2.50 2.94	181 (242) 145 (194) 123 (165)	220 (295) 176 (236) 150 (201)	251 (337) 201 (270) 171 (229)	4000
MG-5025 A	1.52, 2.09 2.40	115 (154) 100 (134)	140 (188) 123 (165)	160 (215) 140 (188)	4500
MG-5055 A	1.53, 2.08 2.60	214 (287) 144 (193)	261 (350) 176 (236)	298 (400) 201 (270)	4000
		@ 2300 RPM	@ 2800 RPM	@ 3300 RPM	
MG-5050 SC*	1.00, 1.11, 1.23, 1.53, 1.71, 2.04 2.45 3.00	226 (303) 226 (303) 200 (268)	272 (365) 261 (350) 231 (310)	320 (429) 281 (377) 261 (350)	3300 (5500*)
MG-5050 A*	1.12, 1.26, 1.50, 1.80, 2.04 2.50	226 (303) 200 (268)	272 (365) 239 (320)	320 (429) 259 (347)	3300 (5500*)
MG-5050 RV*	1.12, 1.26, 1.50, 1.80, 2.04 2.50	226 (303) 200 (268)	272 (365) 239 (320)	320 (429) 259 (347)	3300 (5500*)
MG-5061 SC*	1.00, 1.15, 1.48, 1.77, 2.00 2.43 3.00	283 (380) 263 (353) 245 (329)	345 (463) 321 (430) 298 (400)	395 (530) 376 (504) 354 (475)	3300 (5500*)
MG-5061 A*	1.13, 1.28, 1.54, 1.75, 2.00 2.47	283 (380) 263 (353)	345 (463) 321 (430)	396 (531) 378 (507)	3300 (5500*)
MG-5061 RV*	1.13, 1.28, 1.54, 1.75, 2.00 2.47	283 (380) 263 (353)	345 (463) 321 (430)	396 (531) 378 (507)	3300*
MG-5062 IV*	1.19, 1.53, 1.83 2.07, 2.51	283 (380) 263 (353)	354 (475) 321 (430)	623 (567) 376 (504)	3300 (5500*)
		@ 2300 RPM	@ 2500 RPM	@ 2800 RPM	
MGX-5065 SC MG-5065 SC	1.08, 1.26, 1.47, 1.72, 2.04 2.43	393 (527) 368 (493)	425 (570) 400 (536)	474 (636) 448 (601)	3600
MGX-5065 A MG-5065 A	1.08, 1.26, 1.47, 1.72, 2.04 2.43	393 (527) 368 (493)	425 (570) 400 (536)	474 (636) 448 (601)	3600
MGX-5075 SC MG-5075 SC	1.06, 1.22, 1.33, 1.53, 1.77, 2.05 2.53 2.88	423 (567) 380 (510) 373 (500)	455 (610) 410 (550) 403 (540)	503 (675) 453 (607) 434 (582)	3500
MGX-5075 A MG-5075 A	1.06, 1.22, 1.33, 1.53, 1.77, 2.05 2.53 2.88	423 (567) 380 (510) 373 (500)	455 (610) 410 (550) 403 (540)	503 (675) 453 (607) 434 (582)	3500
MGX-5075 IV MG-5075 IV	1.03, 1.30, 1.49, 1.72, 1.99, 2.46	392 (526)	423 (567)	468 (628)	3500
MG-5075 SC	0.80, 0.92, 1.00, 1.16	380 (510)	410 (550)	453 (607)	3000

Important:
See rating definitions, application information, and torsional compatibility notices on pages 24 and 25.
Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

* Consult Twin Disc for gasoline engine ratings and required transmission modifications.
**F = Forward Ratios and Ratings
R = Reverse Ratings and Ratios

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 2100 RPM	@ 2300 RPM	@ 2500 RPM	
MG-5085 SC	1.05, 1.22, 1.42, 1.76 1.96 2.33	416 (558) 374 (502) 343 (460)	433 (580) 410 (550) 365 (490)	459 (615) 445 (597) 388 (520)	3200
MG-5085 A	1.05, 1.22, 1.47, 1.72 2.04 2.43	416 (558) 374 (502) 343 (460)	433 (580) 410 (550) 365 (490)	459 (615) 445 (597) 388 (520)	3200
MG-5082 SC	0.98, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28 2.53 2.88	490 (657) 462 (620) 428 (574)	530 (710) 492 (660) 447 (600)	543 (728) 521 (699) 465 (624)	3200
MG-5082 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28 2.53 2.88	490 (657) 462 (620) 428 (574)	530 (710) 492 (660) 447 (600)	543 (728) 521 (699) 465 (624)	3200
MGX-5086 SC	0.98, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28 2.53 2.88	490 (657) 462 (620) 428 (574)	530 (710) 492 (660) 447 (600)	543 (728) 521 (699) 465 (624)	3200
MGX-5086 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28 2.53 2.88	490 (657) 462 (620) 428 (574)	530 (710) 492 (660) 447 (600)	543 (728) 521 (699) 465 (624)	3200
MG-5091 SC	1.17, 1.45, 1.71, 2.04 2.45 2.95	480 (643) 433 (580) 409 (548)	522 (700) 474 (635) 447 (600)	539 (723) 500 (670) 470 (630)	3000
MG-5090 A	1.45, 1.73, 1.96 2.43	484 (649) 433 (580)	530 (710) 474 (635)	539 (723) 500 (670)	3000
MGX-5095 SC **MG-5095 SC**	1.15, 1.27, 1.47, 1.71, 2.00, 2.46 2.95	544 (730) 510 (684)	597 (800) 560 (751)	634 (850) 608 (815)	3000
MGX-5096 A	1.28, 1.52, 1.81, 2.04 2.48	618 (829) 556 (746)	671 (900) 596 (800)	718 (963) 638 (856)	3000
MGX-5114 SC **MG-5114 SC**	0.93, 1.02, 1.12, 1.50, 1.74, 2.04, 2.54 3.00	619 (830) 528 (708)	673 (900) 578 (775)	716 (960) 629 (843)	2800 for 0.93:1 3000 for others
MGX-5114 SC-HD **MG-5114 SC-HD**	1.50, 1.74, 2.04, 2.54 3.00	619 (830) 528 (708)	673 (900) 578 (775)	716 (960) 629 (843)	3000
MGX-5114 DC **MG-5114 DC**	3.28, 3.43, 4.17 4.59 4.86	619 (830) 579 (776) 567 (760)	673 (900) 634 (850) 604 (810)	701 (940) 679 (911) 634 (850)	3000
MGX-5114 RV **MG-5114 RV**	1.03, 1.20, 1.48, 1.75, 1.92 2.04, 2.50	619 (830)	673 (900)	701 (940)	3000
MGX-5114 IV **MG-5114 IV**	1.05, 1.23, 1.52, 1.80, 1.98 2.57	619 (830) 599 (803)	673 (900) 649 (870)	701 (940) 677 (908)	3000
MGX-5126 A	1.03, 1.20, 1.48, 1.75, 1.92, 2.04 2.50	723 (970) 621 (933)	783 (1050) 673 (902)	816 (1094) 701 (940)	3000
MGX-5136 SC	1.00, 1.10, 1.28, 1.48, 1.73, 2.04 2.57 2.90	817 (1096) 758 (1016) 668 (896)	895 (1200) 847 (1136) 746 (1000)	954 (1279) 901 (1208) 794 (1065)	2800
MGX-5136 A	1.16, 1.25, 1.53, 1.79, 2.00 2.52	817 (1096) 758 (1016)	895 (1200) 847 (1136)	954 (1279) 901 (1208)	2800
MGX-5136 RV	1.16, 1.25, 1.53, 1.79, 2.00 2.52	817 (1096) 758 (1016)	895 (1200) 847 (1136)	954 (1279) 901 (1208)	2800
MGX-5146 SC	1.03 1.03, 1.20, 1.33, 1.48, 1.57, 1.75, 1.96 2.50	965 (1294) 1070 (1435) 875 (1173)	1045 (1401) 1142 (1531) 952 (1277)	1085 (1455) 1195 (1603) 1001 (1342)	2500
MGX-5146 A	1.26, 1.48, 1.75, 1.96 2.50	1070 (1435) 931 (1248)	1142 (1531) 1014 (1360)	1195 (1603) 1065 (1428)	2500
MGX-5146 RV	1.26, 1.48, 1.75, 1.96 2.50	1070 (1435) 931 (1248)	1142 (1531) 1014 (1360)	1195 (1603) 1065 (1428)	2500
MGX-5202 SC	1.17, 1.33, 1.53, 1.76, 2.03, 2.48, 2.92 3.48	886 (1188) 742 (995)	969 (1300) 800 (1073)	1019 (1366) 841 (1128)	2750 (2500 at 1.17:1)

Important:
See rating definitions, application information, and torsional compatibility notices on pages 24 and 25.
Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 2100 RPM	@ 2300 RPM	@ 2500 RPM	
MGX-5204 SC	1.17, 1.33, 1.53, 1.76, 2.03, 2.48, 2.92 3.48	1029 (1380) 984 (1320)	1104 (1480) 1081 (1450)	1104 (1480) 1081 (1450)	2750 (2500 at 1.17:1)
MG-6449 A	1.51, 1.73, 2.07, 2.44 2.95	1007 (1350) 715 (959)	1104 (1480) 782 (1050)	1104 (1480) 782 (1050)	2500
MG-6449 RV	1.51, 1.73, 2.07, 2.44 2.95	1007 (1350) 715 (959)	1104 (1480) 782 (1050)	1104 (1480) 782 (1050)	2500
MGX-6598 DC	2.46, 3.03, 3.48 3.93 4.43	1335 (1790) 1226 (1644) 1070 (1435)	1462 (1961) 1343 (1801) 1172 (1572)	1557 (2088) 1399 (1876) 1249 (1674)	2500
MGX-6599 SC	1.07, 1.30, 1.50, 1.66 1.74, 1.97, 2.04, 2.19, 2.45 2.82	1326 (1778) 1295 (1737) 1056 (1416)	1452 (1947) 1418 (1902) 1156 (1550)	1518 (2036) 1510 (2024) 1232 (1652)	2500
MGX-6599 A	1.34, 1.51, 1.74, 2.03, 2.24, 2.48 2.80	1295 (1737) 1056 (1416)	1418 (1902) 1156 (1550)	1510 (2024) 1232 (1652)	2500
MGX-6599 RV	1.34, 1.51, 1.74, 2.03, 2.24 2.48 2.80	1295 (1737) 1226 (1644) 1056 (1416)	1418 (1902) 1343 (1801) 1156 (1550)	1510 (2024) 1431 (1919) 1232 (1652)	2500
MG-6600 DC	3.30, 4.11, 4.68, 4.72 5.21 6.05	1319 (1769) 1103 (1479) 987 (1324)	1446 (1938) 1208 (1620) 1082 (1450)	1539 (2064) 1287 (1726) 1152 (1545)	2500
MGX-6620 SC	1.15, 1.33, 1.53, 1.73, 2.03, 2.32, 2.44 2.72	1430 (1918) 1342 (1800)	1566 (2100) 1470 (1971)	1668 (2237) 1556 (2087)	2500
MGX-6620 A	1.55, 1.72, 2.09, 2.28, 2.42 2.73	1430 (1918) 1373 (1841)	1566 (2100) 1504 (2017)	1668 (2237) 1602 (2148)	2500
MGX-6620 RV	1.55, 1.72, 2.09, 2.28, 2.42 2.73	1430 (1918) 1357 (1820)	1566 (2100) 1470 (1971)	1668 (2237) 1536 (2060)	2500
MGX-6650 SC	1.51, 1.88, 2.03, 2.37 2.47, 2.81, 2.93, 3.21	1430 (1918)	1566 (2100)	1602 (2148)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6690 SC	1.51, 1.88, 2.03, 2.37 2.47, 2.81, 2.93, 3.21	1534 (2057)	1680 (2253)	1790 (2400)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6848 SC	1.51, 1.88, 2.03 2.37, 2.47 2.58, 2.93 3.21	1864 (2500) 1864 (2500) 1746 (2341) 1526 (2046)	2028 (2720) 2028 (2720) 1891(2536) 1653 (2217)	— 2147 (2879) 2001 (2682) 1748 (2343)	2300 (1.51-2.03) 2500 (2.37-3.21)

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MG-6984 SC	1.18, 1.54, 2.06, 2.29, 2.52 2.92 3.25 3.43	1693 (2270) 1648 (2210) 1466 (1966) 1364 (1829)	1905 (2555) 1854 (2486) 1649 (2211) 1534 (2057)	2222 (2980) 2163 (2900) 1924 (2580) 1790 (2400)	2100
MG-6984 A	1.48, 1.97, 2.50 2.79 2.93	1693 (2270) 1682 (2256) 1642 (2202)	1905 (2555) 1892 (2537) 1847 (2477)	2222 (2980) 2207 (2960) 2155 (2890)	2100
MG-6984 RV	1.48, 1.97, 2.50 2.79 2.93	1693 (2270) 1682 (2256) 1642 (2202)	1905 (2555) 1892 (2537) 1847 (2477)	2222 (2980) 2207 (2960) 2155 (2890)	2100
MGX-61000 SC	2.22, 2.54, 2.63, 2.72, 3.03, 3.39	Please contact Twin Disc			2100
MG-61242 SC	1.16, 1.52, 2.08, 2.47 2.96	2176 (2918) 2091 (2804)	2448 (3283) 2353 (3155)	2856 (3830) 2745 (3681)	2100
MG-61242 A	1.42, 2.07, 2.44 2.93	2176 (2918) 2074 (2781)	2448 (3283) 2333 (3129)	2856 (3830) 2722 (3650)	2100
MG-61242 RV	1.42, 2.07, 2.44 2.93	2176 (2918) 2074 (2781)	2448 (3283) 2333 (3129)	2856 (3830) 2722 (3650)	2100
MGX-61500 SC	1.84, 1.98, 2.26, 2.39, 2.45 2.56, 2.86, 2.97, 3.03, 3.41	Please contact Twin Disc			2100

Important:
See rating definitions, application information, and torsional compatibility notices on pages 24 and 25.
Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 2300 RPM	@ 2500 RPM	@ 2800 RPM	
MG-5050 SC*	1.00, 1.11, 1.23, 1.53, 1.71, 2.04 2.45 3.00	211 (283) 211 (283) 187 (251)	228 (306) 216 (290) 198 (266)	254 (341) 223 (299) 216 (290)	3300 (5500*)
MG-5050 A*	1.12, 1.26, 1.50, 1.80, 2.04 2.50	211 (283) 187 (251)	228 (306) 204 (274)	254 (341) 223 (299)	3300 (5500*)
MG-5050 RV*	1.12, 1.26, 1.50, 1.80, 2.04 2.50	211 (283) 187 (251)	228 (306) 204 (274)	254 (341) 223 (299)	3300 (5500*)
MG-5061 SC*	1.00, 1.15, 1.48, 1.77, 2.00 2.43 3.00	265 (355) 246 (330) 229 (307)	288 (386) 268 (360) 248 (333)	323 (433) 300 (402) 279 (374)	3300 (5500*)
MG-5061 A*	1.13, 1.28, 1.54, 1.75 2.00, 2.47	257 (345) 246 (330)	281 (377) 268 (360)	313 (420) 300 (402)	3300 (5500*)
MG-5061 RV*	1.13, 1.28, 1.54, 1.75 2.00, 2.47	257 (345) 246 (330)	281 (377) 268 (360)	313 (420) 300 (402)	3300*
MG-5062 IV*	1.19, 1.53, 1.83 2.07, 2.51	265 (355) 246 (330)	292 (392) 268 (360)	331 (444) 300 (402)	3300 (5500*)
MGX-5065 SC **MGX-5065 A**	1.08, 1.26, 1.47, 1.72, 2.04 2.43	376 (504) 351 (471)	407 (546) 381 (511)	453 (607) 428 (574)	3600
MG-5065 SC	1.08, 1.26, 1.47, 1.72, 2.04 2.43	376 (504) 351 (471)	407 (546) 381 (511)	453 (607) 428 (574)	3600
MG-5065 A	1.08, 1.26, 1.47, 1.72, 2.04 2.43	376 (504) 351 (471)	407 (546) 381 (511)	453 (607) 428 (574)	3600
MGX-5075 SC **MG-5075 SC**	1.06, 1.22, 1.33, 1.53, 1.77, 2.05 2.53 2.88	368 (493) 355 (476) 348 (467)	390 (523) 383 (514) 375 (503)	433 (581) 423 (567) 406 (544)	3500
MGX-5075 A **MG-5075 A**	1.06, 1.22, 1.33, 1.53, 1.77, 2.05 2.53 2.88	368 (493) 355 (476) 348 (467)	390 (523) 383 (514) 375 (503)	433 (581) 423 (567) 406 (544)	3500
MGX-5075 IV **MG-5075 IV**	1.03, 1.30, 1.49, 1.72, 1.99, 2.46	355 (476)	383 (514)	423 (567)	3500
MG-5075 SC	0.80, 0.92, 1.00, 1.16	355 (476)	383 (514)	423 (567)	3000
		@ 2100 RPM	@ 2300 RPM	@ 2500 RPM	
MG-5085 SC	1.05, 1.22, 1.42, 1.76 1.96 2.33	389 (522) 348 (467) 321 (430)	404 (542) 383 (514) 342 (459)	429 (575) 416 (558) 362 (485)	3200
MG-5085 A	1.05, 1.22, 1.47, 1.72 2.04 2.43	389 (522) 355 (476) 321 (430)	404 (542) 383 (514) 342 (459)	429 (575) 416 (558) 362 (485)	3200
MG-5082 SC	0.98, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	 432 (579) 400 (536)	 460 (617) 418 (560)	 487 (653) 434 (582)	3200
MG-5082 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	432 (579) 400 (536)	460 (617) 418 (560)	487 (653) 434 (582)	3200
MGX-5086 SC	0.98, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	 432 (579) 400 (536)	 460 (617) 418 (560)	 487 (653) 434 (582)	3200
MGX-5086 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	432 (579) 400 (536)	460 (617) 418 (560)	487 (653) 434 (582)	3200
MG-5091 SC	1.17, 1.45, 1.71, 2.04 2.45 2.95	429 (575) 404 (542) 382 (512)	471 (632) 442 (593) 418 (561)	495 (664) 467 (626) 439 (589)	3000
MG-5090 A	1.45, 1.73, 1.96 2.43	429 (575) 404 (542)	471 (632) 442 (593)	494 (662) 434 (626)	3000

Important:
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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

* Consult Twin Disc for gasoline engine ratings and required transmission modifications.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 2100 RPM	@ 2300 RPM	@ 2500 RPM	
MGX-5095 SC MG-5095 SC	1.15, 1.27, 1.47, 1.71, 2.00, 2.46 2.95	525 (704) 481 (645)	560 (751) 522 (700)	593 (795) 554 (743)	3000
MGX-5096A	1.28, 1.52, 1.81, 2.04 2.48	560 (751) 520 (697)	597 (801) 559 (750)	633 (849) 598 (802)	3000
MGX-5114 SC MG-5114 SC	0.93, 1.02, 1.12, 1.50, 1.74, 2.04, 2.54 3.00	579 (776) 494 (662)	629 (843) 540 (724)	669 (897) 588 (789)	2800 at .93:1 3000 for others
MGX-5114 SC-HD MG-5114 SC-HD	1.50, 1.74, 2.04, 2.54 3.00	579 (776) 494 (662)	629 (843) 540 (724)	669 (897) 588 (789)	3000
MGX-5114 DC MG-5114 DC	3.28, 3.43, 4.17 4.59 4.86	579 (776) 542 (727) 530 (711)	629 (843) 591 (793) 565 (758)	656 (880) 634 (850) 575 (771)	3000
MGX-5114 RV MG-5114 RV	1.03, 1.20, 1.48, 1.75, 1.92 2.04, 2.50	580 (777)	629 (843)	655 (878)	3000
MGX-5114 IV MG-5114 IV	1.05, 1.23, 1.52, 1.80, 1.98 2.57	580 (777) 560 (751)	629 (843) 607 (814)	655 (878) 632 (848)	3000
MGX-5126 A	1.03, 1.20, 1.48, 1.75, 1.92, 2.04 2.50	675 (905) 580 (778)	732 (982) 629 (843)	763 (1023) 656 (880)	3000
MGX-5136 SC	1.00, 1.10, 1.28, 1.48, 1.73, 2.04 2.57 2.90	704 (944) 663 (889) 622 (834)	746 (1000) 716 (960) 671 (900)	788 (1057) 768 (1030) 720 (966)	2800
MGX-5136 A	1.16, 1.25, 1.53, 1.79, 2.00 2.52	704 (944) 663 (889)	746 (1000) 716 (960)	788 (1057) 768 (1030)	2800
MGX-5136 RV	1.16, 1.25, 1.53, 1.79, 2.00 2.52	704 (944) 663 (889)	746 (1000) 716 (960)	788 (1057) 768 (1030)	2800
MGX-5146 SC	1.03 1.03, 1.20, 1.33, 1.48, 1.57, 1.75, 1.96 2.50	781 (1047) 918 (1231) 828 (1110)	846 (1134) 974 (1306) 895 (1200)	878 (1177) 1028 (1379) 961 (1289)	2500
MGX-5146 A	1.26, 1.48, 1.75, 1.96 2.50	918 (1231) 828 (1110)	974 (1306) 895 (1200)	1028 (1379) 961 (1289)	2500
MGX-5146 RV	1.26, 1.48, 1.75, 1.96 2.50	918 (1231) 828 (1110)	974 (1306) 895 (1200)	1028 (1379) 961 (1289)	2500
		@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	
MGX-5202 SC	1.17, 1.33, 1.53, 1.76, 2.03, 2.48, 2.92 3.48	742 (995) 641 (860)	852 (1142) 731 (980)	924 (1239) 789 (1059)	2750
MGX-5204 SC	1.17, 1.33, 1.53, 1.76, 2.03, 2.48, 2.92 3.48	742 (995) 647 (868)	865 (1160) 764 (1025)	979 (1313) 837 (1122)	2750
MG-6449 A	1.51, 1.73 2.07 2.44 2.95	840 (1126) 795 (1067) 711 (953) 545 (731)	978 (1312) 912 (1223) 805 (1080) 635 (852)	1072 (1437) 974 (1306) 861 (1154) 696 (933)	2500
MG-6449 RV	1.51, 1.73 2.07 2.44 2.95	840 (1126) 795 (1067) 711 (953) 545 (731)	978 (1312) 912 (1223) 805 (1080) 635 (852)	1072 (1437) 974 (1306) 861 (1154) 696 (933)	2500
MGX-6598 DC	2.46, 3.03 3.48 3.93 4.43	1000 (1341) 1000 (1341) 952 (1277) 862 (1156)	1167 (1565) 1155 (1549) 1060 (1421) 990 (1328)	1278 (1714) 1241 (1664) 1131 (1517) 1055 (1415)	2500

Important:
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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	
MGX-6599 SC	1.07, 1.30, 1.50, 1.66, 1.74 1.97, 2.04, 2.19 2.45 2.82	1010 (1354) 1001 (1342) 920 (1234) 821 (1101)	1178 (1580) 1167 (1565) 1073 (1439) 955 (1281)	1244 (1668) 1234 (1655) 1164 (1561) 1042 (1397)	2500
MGX-6599 A	1.34, 1.51, 1.74, 2.03, 2.24 2.48 2.80	1092 (1464) 935 (1254) 896 (1202)	1221 (1637) 1091 (1463) 1045 (1401)	1301 (1745) 1195 (1602) 1144 (1534)	2500
MGX-6599 RV	1.34, 1.51, 1.74, 2.03, 2.24 2.48 2.80	1092 (1464) 935 (1254) 896 (1202)	1221 (1637) 1091 (1463) 1045 (1401)	1301 (1745) 1195 (1602) 1144 (1534)	2500
MG-6600 DC	3.30, 4.11 4.68, 4.72 5.22 6.05	1009 (1353) 926 (1242) 818 (1097) 722 (968)	1177 (1578) 1080 (1448) 953 (1278) 843 (1129)	1289 (1728) 1182 (1585) 1044 (1400) 923 (1237)	2500
MGX-6620 SC	1.15 1.33, 1.53, 1.73, 2.03, 2.32, 2.44 2.72	1109 (1487) 1109 (1487) 1080 (1448)	1294 (1735) 1294 (1735) 1255 (1683)	1338 (1794) 1417 (1900) 1338 (1794)	2500
MGX-6620 A	1.55, 1.72, 2.09, 2.28, 2.42 2.73	1106 (1483) 1105 (1482)	1294 (1735) 1248 (1674)	1417 (1900) 1330 (1784)	2500
MGX-6620 RV	1.55, 1.72 2.09, 2.28, 2.42 2.73	1122 (1505) 1122 (1505) 1030 (1381)	1309 (1755) 1262 (1692) 1147 (1538)	1434 (1923) 1345 (1804) 1223 (1640)	2500
MGX-6650 SC	1.51, 1.88, 2.03, 2.37 2.47, 2.93, 3.21	1225 (1643)	1417 (1900)	1464 (1963)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6690 SC	1.51, 1.88, 2.03, 2.37 2.47, 2.81, 2.93, 3.21	1225 (1643)	1417 (1900)	1464 (1963)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6848 SC	1.51, 1.88, 2.03, 2.37, 2.47 2.58, 2.81, 2.93 3.21	1591 (2134) 1483 (1989) 1297 (1739)	1828 (2451) 1699 (2278) 1485 (1991)	1985 (2662) 1841 (2469) 1609 (2158)	2300 (1.51-2.03) 2500 (2.37-3.21)
		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MG-6984 SC	1.18, 1.54, 2.06, 2.29, 2.52 2.92 3.25 3.43	1614 (2164) 1528 (2049) 1269 (1702) 1180 (1582)	1816 (2435) 1719 (2305) 1427 (1914) 1328 (1781)	2119 (2842) 2006 (2690) 1665 (2233) 1549 (2077)	2100
MG-6984 A	1.48, 1.97 2.50 2.79 2.93	1602 (2148) 1552 (2081) 1536 (2060) 1512 (2028)	1802 (2416) 1746 (2341) 1728 (2317) 1701 (2281)	2102 (2819) 2037 (2732) 2016 (2703) 1984 (2661)	2100
MG-6984 RV	1.48, 1.97 2.50 2.79 2.93	1602 (2148) 1552 (2081) 1536 (2060) 1512 (2028)	1802 (2416) 1746 (2341) 1728 (2317) 1701 (2281)	2102 (2819) 2037 (2732) 2016 (2703) 1984 (2661)	2100
MGX-61000 SC	2.22, 2.54, 2.63, 2.72, 3.03, 3.39	Please contact Twin Disc			2100
MG-61242 SC	1.16, 1.52, 2.08 2.47 2.96	2064 (2768) 2007 (2691) 1950 (2615)	2322 (3114) 2258 (3028) 2193 (2941)	2709 (3633) 2634 (3532) 2559 (3432)	2100
MG-61242 A	1.42, 2.07 2.44 2.93	2090 (2803) 2007 (2691) 1950 (2615)	2351 (3153) 2258 (3028) 2193 (2941)	2743 (3678) 2634 (3532) 2559 (3432)	2100
MG-61242 RV	1.42, 2.07 2.44 2.93	2090 (2803) 2007 (2691) 1950 (2615)	2351 (3153) 2258 (3028) 2193 (2941)	2743 (3678) 2634 (3532) 2559 (3432)	2100
MGX-61500 SC	1.84, 1.98, 2.26, 2.39, 2.45 2.56, 2.86, 2.97, 3.03, 3.41	Please contact Twin Disc			2100

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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 2100 RPM	@ 2500 RPM	@ 2800 RPM	
MG-340**	F: 1.45 / R: 2.13 F: 2.00 / R: 2.13 F: 2.60 / R: 2.13	F: 24 (32) / R: 8 (10) F: 17 (23) / R: 6 (8) F: 13 (17) / R: 4 (6)	F: 26 (35) / R: 9 (12) F: 20 (27) / R: 7 (9) F: 15 (20) / R: 5 (7)	F: 26 (35) / R: 9 (12) F: 23 (31) / R: 8 (10) F: 18 (24) / R: 6 (8)	4500
MG-360**	F: 1.55 / R: 2.00 F: 2.00 / R: 2.00 F: 2.45 / R: 2.45 F: 2.83 / R: 2.45	F: 31 (42) / R: 22 (30) F: 28 (38) / R: 22 (30) F: 23 (31) / R: 18 (25) F: 19 (26) / R: 18 (25)	F: 36 (48) / R: 26 (35) F: 33 (44) / R: 26 (35) F: 29 (39) / R: 22 (30) F: 22 (30) / R: 22 (30)	F: 41 (55) / R: 30 (40) F: 37 (50) / R: 30 (40) F: 31 (42) / R: 25 (33) F: 25 (33) / R: 25 (33)	5000
MG-5005 A	1.54, 2.00 2.47	47 (63) 35 (47)	56 (75) 41 (55)	63 (85) 47 (63)	4500
MG-5012 SC	1.51 2.09 2.40 2.78	93 (124) 81 (108) 72 (96) 62 (84)	110 (148) 96 (129) 85 (115) 74 (100)	124 (166) 108 (144) 96 (128) 83 (111)	4500
MG-5020 SC	1.50, 2.04 2.50 2.94	134 (179) 107 (144) 93 (124)	159 (214) 128 (171) 110 (148)	178 (239) 143 (192) 124 (166)	4000
MG-5025 A	1.52, 2.09 2.40	81 (109) 69 (93)	97 (130) 82 (110)	108 (145) 92 (123)	4500
MG-5055 A	1.53, 2.08 2.60	147 (197) 99 (135)	175 (235) 118 (160)	196 (263) 132 (179)	4000
MG-5050 SC	1.00, 1.11, 1.23, 1.53, 1.71, 2.04, 2.45 3.00	157 (211) 142 (190)	187 (251) 170 (228)	209 (280) 194 (260)	3300
MG-5050 A	1.12, 1.26, 1.50, 1.80, 2.04, 2.50	157 (211)	187 (251)	209 (280)	3300
MG-5050 RV	1.12, 1.26, 1.50, 1.80, 2.04, 2.50	157 (211)	187 (251)	209 (280)	3300
MG-5061 SC	1.00, 1.15, 1.48, 1.77, 2.00, 2.43, 3.00	201 (270)	239 (320)	261 (350)	3300
MG-5061 A	1.13, 1.28, 1.54, 1.75, 2.00, 2.47	201 (270)	239 (320)	261 (350)	3300
MG-5061 RV	1.13, 1.28, 1.54, 1.75, 2.00, 2.47	201 (270)	239 (320)	261 (350)	3300
MG-5062 IV	1.19, 1.53, 1.83, 2.07, 2.51	201 (270)	239 (320)	261 (350)	3300
MGX-5065 SC MG-5065 SC	1.08, 1.26, 1.47, 1.72, 2.04 2.43	279 (374) 254 (341)	329 (441) 302 (405)	367 (492) 338 (453)	3600
MGX-5065 A MG-5065 A	1.08, 1.26, 1.47, 1.72, 2.04 2.43	279 (374) 254 (341)	329 (441) 302 (405)	367 (492) 338 (453)	3600
MGX-5075 SC MG-5075 SC	1.06, 1.22, 1.33, 1.53, 1.77, 2.05 2.53 2.88	283 (380) 268 (360) 261 (350)	310 (416) 298 (400) 287 (385)	324 (434) 313 (420) 306 (410)	3500
MGX-5075 A MG-5075 A	1.06, 1.22, 1.33, 1.53, 1.77, 2.05 2.53 2.88	283 (380) 268 (360) 261 (350)	310 (416) 298 (400) 287 (385)	324 (434) 313 (420) 306 (410)	3500
MGX-5075 IV MG-5075 IV	1.03, 1.30, 1.49, 1.72, 1.99, 2.46	268 (360)	298 (400)	313 (420)	3500
MG-5075 SC	0.80, 0.92, 1.00, 1.16	268 (360)	298 (400)	313 (420)	3000
MG-5085 SC	1.05, 1.22, 1.42, 1.76, 1.96 2.33	287 (385) 268 (360)	332 (445) 302 (405)	365 (490) 328 (440)	3200
MG-5085 A	1.05, 1.22, 1.47, 1.72, 2.04 2.43	287 (385) 268 (360)	332 (445) 302 (405)	365 (490) 328 (440)	3200
MG-5082 SC	0.98, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	351 (471) 340 (456)	396 (531) 384 (515)	428 (574) 415 (557)	3200
MG-5082 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	351 (471) 340 (456)	396 (531) 384 (515)	428 (574) 415 (557)	3200

Important:
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Weights are approximate and include flywheel housing adapter and flexible input coupling.

**F = Forward Ratios and Ratings
R = Reverse Ratings and Ratios

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 2100 RPM	@ 2500 RPM	@ 2800 RPM	
MGX-5086 SC	0.86, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	351 (471) 340 (456)	396 (531) 384 (515)	428 (574) 415 (557)	3200
MGX-5086 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	351 (471) 340 (456)	396 (531) 384 (515)	428 (574) 415 (557)	3200
MG-5091 SC	1.17, 1.45, 1.71, 2.04 2.45, 2.95 3.33	354 (475) 336 (450) 268 (360)	403 (540) 374 (501) 309 (415)	425 (570) 403 (540) 346 (464)	3000
MG-5091 DC	3.82 4.50 5.05	321 (431) 298 (400) 251 (336)	377 (506) 350 (470) 298 (400)	420 (563) 384 (515) 334 (448)	3000
MG-5090 A	1.45, 1.73, 1.96 2.43	343 (460) 321 (430)	365 (490) 343 (460)	382 (512) 359 (481)	3000
		@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	
MGX-5095 SC **MG-5095 SC**	1.15, 1.27, 1.47, 1.71, 2.00, 2.46 2.95	368 (493) 332 (445)	410 (550) 380 (510)	438 (587) 412 (552)	3000
MGX-5096 A	1.28, 1.52, 1.81, 2.04 2.48	367 (492) 336 (451)	410 (550) 380 (510)	438 (587) 409 (548)	3000
MGX-5114 SC **MG-5114 SC**	0.93, 1.02, 1.12, 1.50, 1.74, 2.04 2.54 3.00	448 (601) 410 (550) 380 (510)	504 (676) 466 (625) 451 (605)	552 (740) 500 (671) 492 (660)	2800 at .93:1 3000 for others
MGX-5114 SC-HD **MG-5114 SC-HD**	1.50, 1.74, 2.04 2.54 3.00	448 (601) 410 (550) 380 (510)	504 (676) 466 (625) 451 (605)	552 (740) 500 (671) 492 (660)	3000
MGX-5114 DC **MG-5114 DC**	3.28, 3.43, 4.17 4.59 4.86	431 (580) 388 (520) 375 (503)	504 (676) 448 (601) 429 (575)	537 (720) 477 (640) 463 (621)	3000
MGX-5114 RV **MG-5114 RV**	1.03, 1.20, 1.48, 1.75, 1.92, 2.04 2.50	404 (542) 351 (471)	466 (625) 400 (536)	504 (676) 433 (581)	3000
MGX-5114 IV **MG-5114 IV**	1.05, 1.23, 1.52, 1.80, 1.98 2.57	404 (542) 351 (471)	466 (625) 400 (536)	504 (676) 433 (581)	3000
MGX-5126 A	1.03, 1.20, 1.48, 1.75, 1.92, 2.04 2.50	404 (542) 351 (471)	466 (625) 400 (536)	504 (676) 433 (581)	3000
MGX-5136 SC	1.00, 1.10, 1.28, 1.48, 1.73, 2.04, 2.57 2.90	529 (709) 493 (661)	560 (751) 522 (700)	600 (805) 560 (751)	2800
MGX-5136 A	1.16, 1.25, 1.53, 1.79, 2.00, 2.52	529 (709)	560 (751)	600 (805)	2800
MGX-5136 RV	1.16, 1.25, 1.53, 1.79, 2.00, 2.52	529 (709)	560 (751)	600 (805)	2800
MGX-5146 SC	1.03 1.03, 1.20, 1.33, 1.57, 1.75, 1.96 2.50	661 (886) 753 (1010) 615 (825)	758 (1016) 806 (1081) 702 (941)	821 (1101) 903 (1211) 760 (1019)	2500
MGX-5146 A	1.26, 1.48, 1.75, 1.96 2.50	753 (1010) 615 (825)	806 (1081) 702 (941)	903 (1211) 760 (1019)	2500
MGX-5146 RV	1.26, 1.48, 1.75, 1.96 2.50	753 (1010) 615 (825)	806 (1081) 702 (941)	903 (1211) 760 (1019)	2500
MGX-516	3.06 3.50 4.04 4.52 5.05 6.00	530 (711) 518 (695) 494 (662) 484 (649) 468 (628) 419 (562)	573 (768) 549 (736) 521 (699) 510 (684) 492 (660) 470 (630)	594 (797) 569 (763) 540 (724) 526 (705) 508 (681) 498 (668)	2500
MGX-5170 DC	3.12, 3.54, 4.06, 4.50, 5.03, 5.95 6.53, 6.95	537 (720) 467 (626)	578 (775) 545 (731)	578 (775) 561 (752)	2500
MGX-5202 SC	1.17, 1.33, 1.53, 1.76, 2.03, 2.48, 2.92 3.48	630 (845)	720 (966)	778 (1043)	2750 (2500 at 1.17:1)

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Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	
MGX-5204 SC	1.17, 1.33, 1.53, 1.76, 2.03, 2.48, 2.92 3.48	727 (975) 630 (845)	858 (1151) 720 (966)	969 (1299) 781 (1047)	2750 (2500 at 1.17:1)
MGX-5222 DC	4.03, 4.59, 5.04, 6.10, 6.55, 6.96	630 (845)	720 (966)	778 (1043)	2500
MGX-5225 DC	4.03, 4.59, 5.04, 5.57, 6.10	727 (975)	858 (1151)	869 (1165)	2500
MGX-5321 DC	3.35, 4.06, 4.42, 4.96, 5.46, 5.96 6.39	1044 (1400) 893 (1198)	1163 (1560) 1022 (1371)	1178 (1580) 1108 (1486)	2400
		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MG-540 (with flexible coupling)	1.93, 2.58, 2.90, 3.26 3.91 4.10, 4.60 5.17 6.18 7.00 7.47	1049 (1407) 893 (1198) 1049 (1407) 1038 (1392) 867 (1163) 766 (1027) 718 (963)	1180 (1582) 1011 (1356) 1180 (1582) 1168 (1566) 975 (1307) 861 (1155) 808 (1084)	— 1193 (1600) — 1362 (1826) 1138 (1526) 1005 (1348) 943 (1265)	1900 2400 1900 2100 2400 2400 2400
MG-5506	4.03, 4.55, 4.96, 5.44 6.00	1323 (1774) 1197 (1605)	1489 (1998) 1347 (1806)	— —	2000
MGX-5600	2.53, 2.98, 3.51, 4.03 4.63, 5.04 5.76 6.04	1602 (2148) 1602 (2148) 1598 (2143) 1353 (1814)	1805 (2421) 1805 (2421) 1760 (2360) 1502 (2014)	2105 (2823) 2095 (2809) 1770 (2374) 1717 (2302)	2100
		@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	
MG-6449 A	1.51, 1.73 2.07 2.44 2.95	769 (1031) 639 (857) 555 (744) 496 (665)	897 (1203) 746 (1000) 647 (868) 577 (774)	958 (1285) 794 (1065) 692 (928) 617 (828)	2500
MG-6449 RV	1.51, 1.73 2.07 2.44 2.95	769 (1031) 639 (857) 555 (744) 496 (665)	897 (1203) 746 (1000) 647 (868) 577 (774)	958 (1285) 794 (1065) 692 (928) 617 (828)	2500
MGX-6598 DC	2.46, 3.03 3.48 3.93 4.43	882 (1183) 849 (1139) 774 (1038) 722 (968)	1000 (1341) 945 (1267) 861 (1155) 804 (1078)	1067 (1431) 1008 (1352) 918 (1231) 857 (1149)	2500
MGX-6599 SC	1.07, 1.30, 1.50, 1.66, 1.74, 1.97, 2.04 2.19, 2.45 2.82	862 (1156) 844 (1132) 728 (976)	960 (1287) 940 (1261) 811 (1088)	1023 (1372) 1002 (1344) 864 (1159)	2500
MGX-6599 A	1.34, 1.51, 1.74, 2.03, 2.24 2.48 2.80	890 (1193) 841 (1128) 815 (1093)	992 (1330) 937 (1257) 908 (1218)	1057 (1417) 999 (1340) 967 (1297)	2500
MGX-6599 RV	1.34, 1.51, 1.74, 2.03, 2.24 2.48 2.80	890 (1193) 841 (1128) 815 (1093)	992 (1330) 937 (1257) 908 (1218)	1057 (1417) 999 (1340) 967 (1297)	2500
MG-6600 DC	3.30 4.11 4.68, 4.72 5.21 6.05	819 (1098) 819 (1098) 777 (1042) 693 (929) 617 (828)	955 (1281) 955 (1281) 906 (1215) 809 (1085) 719 (964)	1046 (1403) 1018 (1365) 966 (1295) 886 (1188) 788 (1057)	2500

Important:
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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	
MGX-6620 SC	1.15, 1.33, 1.53, 1.73 2.03 2.32 2.44 2.72	1047 (1404) 1025 (1375) 1019 (1366) 987 (1324) 915 (1227)	1166 (1564) 1142 (1531) 1136 (1523) 1100 (1475) 1019 (1366)	1191 (1597) 1184 (1588) 1184 (1588) 1172 (1572) 1086 (1456)	2500
MGX-6620 A	1.55, 1.72, 2.09 2.28, 2.42 2.73	1103 (1479) 1028 (1379) 910 (1220)	1234 (1655) 1145 (1535) 1014 (1360)	1315 (1763) 1220 (1636) 1080 (1448)	2500
MGX-6620 RV	1.55 1.72 2.09 2.28, 2.42 2.73	1031 (1383) 998 (1338) 947 (1270) 920 (1234) 836 (1121)	1149 (1541) 1112 (1491) 1055 (1415) 1025 (1375) 932 (1250)	1224 (1641) 1185 (1589) 1125 (1509) 1092 (1464) 993 (1332)	2500
MGX-6650 SC	1.51, 1.88, 2.03, 2.37 2.47, 2.93, 3.21	1069 (1434)	1268 (1700)	1386 (1859)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6690 SC	1.51, 1.88, 2.03, 2.37, 2.47 2.81, 2.93 3.21	1201 (1611) 1201 (1611) 1201 (1611)	1380 (1851) 1318 (1767) 1280 (1716)	1438 (1928) 1386 (1859) 1386 (1859)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6848 SC	1.51, 1.88, 2.03, 2.37, 2.47, 2.58, 2.81, 2.93 3.21	1342 (1800) 1269 (1702)	1566 (2100) 1453 (1948)	1715 (2300) 1575 (2112)	2300 (1.51-2.03) 2500 (2.37-3.21)
		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MG-6984 SC	1.18, 1.54, 2.06, 2.29, 2.52, 2.92 3.25 3.43	1470 (1971) 1244 (1668) 1000 (1341)	1654 (2218) 1399 (1876) 1125 (1509)	1929 (2587) 1632 (2189) 1313 (1761)	2100
MG-6984 A	1.48, 1.97, 2.50, 2.79 2.93	1504 (2017) 1462 (1961)	1692 (2269) 1645 (2206)	1974 (2647) 1919 (2573)	2100
MG-6984 RV	1.48, 1.97, 2.50, 2.79 2.93	1504 (2017) 1462 (1961)	1692 (2269) 1645 (2206)	1974 (2647) 1919 (2573)	2100
MGX-61000 SC	2.22, 2.54, 2.63, 2.72, 3.03, 3.39	Please contact Twin Disc			2100
MG-61242 SC	1.16, 1.52, 2.08 2.47 2.96	2001 (2683) 1960 (2628) 1949 (2614)	2251 (3019) 2205 (2957) 2193 (2941)	2626 (3521) 2571 (3448) 2559 (3432)	2100
MG-61242 A	1.42, 2.07 2.44, 2.93	2078 (2787) 1949 (2614)	2338 (3135) 2193 (2941)	2728 (3658) 2559 (3432)	2100
MG-61242 RV	1.42, 2.07 2.44, 2.93	2078 (2787) 1949 (2614)	2338 (3135) 2193 (2941)	2728 (3658) 2559 (3432)	2100
MGX-61500 SC	1.84, 1.98, 2.26, 2.39, 2.45 2.56, 2.86, 2.97, 3.03, 3.41	Please contact Twin Disc			2100
MGX-61500SC-HL/HR	1.84, 1.98, 2.18, 2.26, 2.56, 2.97*	Please contact Twin Disc			2100
MGX-62000SC-HL/HR	1.84, 1.98, 2.18, 2.49, 2.97*	Please contact Twin Disc			2100

Important:
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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

*Additional ratios will be made available upon request

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	
MG-5050 SC	1.00, 1.11 1.23, 1.53, 1.71, 2.04, 2.45 3.00	115 (154) 102 (137)	128 (172) 119 (160)	140 (188) 133 (178)	3300
MG-5050 A	1.12, 1.26, 1.50, 1.80, 2.04, 2.50	115 (154)	128 (172)	140 (188)	3300
MG-5050 RV	1.12, 1.26, 1.50, 1.80, 2.04, 2.50	115 (154)	128 (172)	140 (188)	3300
MG-5061 SC	1.00, 1.15, 1.48, 1.77, 2.00, 2.43 3.00	135 (181) 126 (169)	157 (211) 147 (197)	171 (229) 160 (215)	3300
MG-5061 A	1.13, 1.28, 1.54, 1.75, 2.00 2.47	135 (181) 126 (169)	157 (211) 147 (197)	171 (229) 160 (215)	3300
MG-5061 RV	1.13, 1.28, 1.54, 1.75, 2.00 2.47	135 (181) 126 (169)	157 (211) 147 (197)	171 (229) 160 (215)	3300
MG-5062 IV	1.19, 1.53, 1.83, 2.07, 2.51	135 (181)	157 (211)	171 (229)	3300
MGX-5065 SC MG-5065 SC	1.08, 1.26, 1.47, 1.72, 2.04 2.43	227 (304) 208 (279)	262 (351) 243 (326)	285 (382) 266 (357)	3600
MGX-5065 A MG-5065 A	1.08, 1.26, 1.47, 1.72, 2.04 2.43	227 (304) 208 (279)	262 (351) 243 (326)	285 (382) 266 (357)	3600
MGX-5075 SC MG-5075 SC	1.06, 1.22, 1.33, 1.53, 1.77, 2.05 2.53, 2.88	205 (275)	230 (308)	246 (330)	3500
MGX-5075 A MG-5075 A	1.06, 1.22, 1.33, 1.53, 1.77, 2.05 2.53, 2.88	205 (275)	230 (308)	246 (330)	3500
MGX-5075 IV MG-5075 IV	1.03, 1.30, 1.49, 1.72, 1.99, 2.46	205 (275)	230 (308)	246 (330)	3500
MG-5085 SC	1.05, 1.22, 1.42, 1.76, 1.96 2.33	250 (335) 225 (302)	279 (375) 254 (341)	295 (396) 271 (363)	3200
MG-5085 A	1.05, 1.22, 1.47, 1.72, 2.04 2.43	250 (335) 217 (291)	279 (375) 248 (333)	295 (396) 268 (360)	3200
MG-5082 SC	0.98, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	301 (404) 273 (366)	336 (451) 313 (420)	350 (469) 331 (444)	3200
MG-5082 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	301 (404) 273 (366)	336 (451) 313 (420)	350 (469) 331 (444)	3200
MGX-5086 SC	0.98, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	301 (404) 273 (366)	336 (451) 313 (420)	350 (469) 331 (444)	3200
MGX-5086 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53 2.88	301 (404) 273 (366)	336 (451) 313 (420)	350 (469) 331 (444)	3200
MG-5091 SC	1.17, 1.45, 1.71, 2.04 2.45, 2.95 3.33	274 (368) 265 (355) 219 (293)	317 (425) 308 (413) 254 (340)	347 (465) 330 (443) 274 (368)	3000
MG-5091 DC	3.82, 4.50 5.05	262 (351) 210 (281)	303 (406) 245 (328)	330 (443) 268 (359)	3000
MG-5090 A	1.45, 1.73, 1.96 2.43	267 (358) 250 (335)	309 (415) 291 (390)	321 (430) 302 (405)	3000
MGX-5095 SC MG-5095 SC	1.15, 1.27, 1.47, 1.71, 2.00, 2.46 2.95	336 (451) 319 (428)	374 (502) 360 (483)	399 (535) 385 (516)	3000
MGX-5096 A	1.28, 1.52, 1.81, 2.04, 2.48	319 (428)	358 (480)	385 (516)	3000
MGX-5114 SC MG-5114 SC	0.93, 1.02, 1.12, 1.50, 1.74, 2.04, 2.54 3.00	394 (528) 361 (484)	451 (605) 410 (550)	489 (656) 443 (595)	2800 at .93:1 3000 for others
MGX-5114 SC-HD MG-5114 SC-HD	1.50, 1.74, 2.04, 2.54 3.00	394 (528) 361 (484)	451 (605) 410 (550)	489 (656) 443 (595)	3000
MGX-5114 DC MG-5114 DC	3.28, 3.43, 4.17, 4.59, 4.86	361 (484)	419 (562)	437 (586)	3000
MGX-5114 RV MG-5114 RV	1.03, 1.20, 1.48, 1.75, 1.92, 2.04 2.50	357 (479) 338 (453)	407 (546) 385 (516)	440 (590) 417 (559)	3000
MGX-5114 IV MG-5114 IV	1.05, 1.23, 1.52, 1.80, 1.98 2.57	357 (479) 338 (453)	407 (546) 385 (516)	440 (590) 417 (559)	3000
MGX-5126A	1.03, 1.20, 1.48, 1.75, 1.92, 2.04 2.50	357 (479) 338 (453)	407 (546) 385 (516)	440 (590) 417 (559)	3000

Important:
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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MGX-5136 SC	1.00, 1.10, 1.28, 1.48, 1.73, 2.04, 2.57 2.90	447 (599) 413 (554)	485 (650) 448 (601)	542 (727) 500 (671)	2800
MGX-5136 A	1.16, 1.25, 1.53, 1.79, 2.00, 2.52	447 (599)	485 (650)	542 (727)	2800
MGX-5136 RV	1.16, 1.25, 1.53, 1.79, 2.00, 2.52	447 (599)	485 (650)	542 (727)	2800
MGX-5146 SC	1.03 1.03, 1.20, 1.33, 1.48, 1.57, 1.75, 1.96 2.50	577 (774) 623 (835) 500 (671)	640 (858) 671 (900) 552 (740)	714 (957) 714 (957) 631 (846)	2500
MGX-5146 A	1.26, 1.48, 1.75, 1.96 2.50	623 (835) 500 (671)	671 (900) 552 (740)	714 (957) 631 (846)	2500
MGX-5146 RV	1.26, 1.48, 1.75, 1.96 2.50	623 (835) 500 (671)	671 (900) 552 (740)	714 (957) 631 (846)	2500
MGX-516	3.06, 3.50, 4.04, 4.52, 5.05 6.00	397 (532) 365 (489)	447 (600) 406 (544)	465 (624) 425 (570)	2500
MGX-5170 DC	3.12, 3.54, 4.06, 4.50, 5.03, 5.95 6.53, 6.95	475 (637) 415 (557)	537 (720) 459 (615)	578 (775) 499 (669)	2500
MGX-5202 SC	1.17, 1.33, 1.53, 1.76, 2.03 2.48, 2.92, 3.48	540 (724)	600 (805)	678 (909)	2500
MGX-5204 SC	1.17, 1.33, 1.53, 1.76, 2.03, 2.48, 2.92 3.48	633 (849) 540 (724)	716 (960) 600 (805)	797 (1069) 678 (909)	2750 (2500 at 1.17:1)
MGX-5222 DC	4.03, 4.59, 5.04, 6.10, 6.55, 6.96	540 (724)	600 (805)	678 (909)	2500
MGX-5225 DC	4.03, 4.59, 5.04, 5.57, 6.10	644 (864)	727 (975)	787 (1055)	2500
MGX-5321 DC	3.35, 4.06, 4.42, 4.96, 5.46 5.96 6.39	928 (1244) 865 (1160) 776 (1041)	1044 (1400) 970 (1300) 863 (1157)	1069 (1434) 1035 (1388) 967 (1297)	2400
		@ 1200 RPM	@ 1600 RPM	@ 1800 RPM	
MG-540 (with flexible coupling)	1.93, 2.58, 2.90 3.26 3.91 4.10, 4.60 5.17 6.18 7.00 7.47	787 (1055) 869 (1165) 648 (869) 787 (1055) 774 (1038) 644 (864) 571 (766) 535 (717)	1049 (1407) 1034 (1387) 864 (1159) 1049 (1407) 1032 (1384) 859 (1152) 762 (1022) 715 (959)	1180 (1582) 1163 (1560) 972 (1303) 1180 (1582) 1161 (1557) 966 (1295) 857 (1149) 804 (1078)	1900 2100 2400 1900 2100 2400 2400 2400
MG-5506	4.03, 4.55, 4.96, 5.44 6.00	960 (1287) 869 (1165)	1281 (1718) 1159 (1554)	1441 (1932) 1304 (1749)	2000
MGX-5600	2.53, 2.98, 3.51, 4.03, 4.63, 5.04 5.76 6.04	1230 (1649) 1200 (1609) 1016 (1362)	1598 (2143) 1566 (2100) 1309 (1755)	1760 (2360) 1737 (2329) 1451 (1946)	2100

Important:
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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MG-6449 A	1.51, 1.73 2.07 2.44 2.95	680 (912) 565 (758) 494 (662) 435 (583)	741 (994) 617 (827) 537 (720) 489 (656)	833 (1117) 695 (932) 602 (807) 570 (764)	2500
MG-6449 RV	1.51, 1.73 2.07 2.44 2.95	680 (912) 565 (758) 494 (662) 435 (583)	741 (994) 617 (827) 537 (720) 489 (656)	833 (1117) 695 (932) 602 (807) 570 (764)	2500
MGX-6598 DC	2.46, 3.03 3.48 3.93 4.43	759 (1018) 717 (961) 653 (876) 609 (817)	824 (1105) 779 (1045) 710 (952) 662 (888)	918 (1231) 868 (1164) 790 (1059) 737 (988)	2500
MGX-6599 SC	1.07, 1.30, 1.50, 1.66, 1.74, 1.97, 2.04 2.19, 2.45 2.82	713 (956) 713 (956) 615 (825)	774 (1038) 774 (1038) 668 (896)	862 (1156) 862 (1156) 744 (998)	2500
MGX-6599 A	1.34, 1.51, 1.74, 2.03, 2.24 2.48 2.80	754 (1011) 711 (953) 654 (877)	820 (1100) 772 (1035) 709 (951)	910 (1220) 860 (1153) 790 (1059)	2500
MGX-6599 RV	1.34, 1.51, 1.74, 2.03, 2.24 2.48 2.80	754 (1011) 711 (953) 654 (877)	820 (1100) 772 (1035) 709 (951)	910 (1220) 860 (1153) 790 (1059)	2500
MG-6600 DC	3.30, 4.11 4.68, 4.72 5.22 6.05	663 (889) 639 (857) 559 (750) 496 (665)	746 (1000) 719 (964) 629 (843) 558 (748)	850 (1140) 819 (1098) 716 (960) 636 (853)	2500
MGX-6620 SC	1.15, 1.33, 1.53, 1.73 2.03, 2.32 2.44 2.72	884 (1185) 861 (1155) 834 (1118) 773 (1037)	960 (1287) 935 (1254) 906 (1215) 839 (1125)	998 (1338) 998 (1338) 998 (1338) 935 (1254)	2500
MGX-6620 A	1.55, 1.72, 2.09 2.28, 2.42 2.73	926 (1242) 868 (1164) 769 (1031)	1021 (1369) 943 (1265) 835 (1120)	1132 (1518) 1050 (1408) 930 (1247)	2500
MGX-6620 RV	1.55 1.72 2.09 2.28, 2.42 2.73	871 (1168) 843 (1130) 800 (1073) 777 (1042) 707 (948)	946 (1269) 915 (1227) 869 (1165) 844 (1132) 767 (1029)	1054 (1413) 1020 (1368) 968 (1298) 940 (1261) 855 (1147)	2500
MGX-6650 SC	1.51, 1.88, 2.03, 2.37 2.47, 2.93, 3.21	928 (1244)	1044 (1400)	1174 (1574)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6690 SC	1.51, 1.88, 2.03, 2.37, 2.47 2.81, 2.93 3.21	1054 (1413) 1034 (1387) 1018 (1365)	1174 (1574) 1144 (1534) 1119 (1501)	1277 (1712) 1209 (1621) 1194 (1601)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6848 SC	1.51, 1.88, 2.03, 2.37, 2.47, 2.58, 2.81, 2.93 3.21	1187 (1592) 1103 (1479)	1342 (1800) 1226 (1644)	1566 (2100) 1404 (1883)	2300 (1.51-2.03) 2500 (2.37-3.21)

Important:
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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1200 RPM	@ 1600 RPM	@ 1800 RPM	
MG-6984 SC	1.18, 1.54, 2.06, 2.29, 2.52, 2.92 3.25 3.43	902 (1210) 818 (1097) 616 (826)	1203 (1613) 1090 (1462) 821 (1101)	1353 (1814) 1227 (1645) 924 (1239)	2100
MG-6984 A	1.48, 1.97, 2.50, 2.79 2.93	923 (1238) 887 (1189)	1230 (1649) 1182 (1585)	1384 (1856) 1330 (1784)	2100
MG-6984 RV	1.48, 1.97, 2.50, 2.79 2.93	923 (1238) 887 (1189)	1230 (1649) 1182 (1585)	1384 (1856) 1330 (1784)	2100
MGX-61000 SC	2.22, 2.54, 2.72, 3.03, 3.39	1119 (1500)	1491 (2000)	1678 (2250)	2100
MG-61242 SC	1.16, 1.52, 2.08, 2.47 2.96	1315 (1763) 1268 (1700)	1754 (2352) 1691 (2268)	1973 (2646) 1902 (2551)	2100
MG-61242 A	1.42, 2.07, 2.44 2.93	1315 (1763) 1263 (1694)	1754 (2352) 1685 (2260)	1973 (2646) 1896 (2543)	2100
MG-61242 RV	1.42, 2.07, 2.44 2.93	1315 (1763) 1263 (1694)	1754 (2352) 1685 (2260)	1973 (2646) 1896 (2543)	2100
MGX-61500 SC	1.84, 1.98, 2.45, 2.56, 2.86, 2.97 3.03, 3.41	1560 (2092) 1333 (1788)	2080 (2789) 1778 (2384)	2340 (3138) 2000 (2682)	2100

For Waterjet Propulsion Only		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MGX-61500 SC-HL MGX-61500 SC-HR	1.84, 1.98, 2.18, 2.26, 2.56, 2.97*	2079 (2788)	2339 (3137)	2729 (3660)	2100
MGX-62000 SC-HL MGX-62000 SC-HL	1.84, 1.98, 2.18, 2.49, 2.97*	2248 (3014)	2529 (3391)	2950 (3956)	2100

* Additional ratios will be made available upon request

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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	
MG-340	F: 1.45 / R: 2.13 F: 2.00 / R: 2.13 F: 2.60 / R: 2.13	F: 18 (24) / R: 6 (8) F: 13 (17) / R: 4 (6) F: 9 (12) / R: 3 (4)	F: 21 (28) / R: 7 (9) F: 15 (20) / R: 5 (7) F: 11 (15) / R: 4 (5)	F: 23 (31) / R: 8 (10) F: 16 (21) / R: 5 (7) F: 12 (16) / R: 4 (5)	4500
MG-360	F: 1.55 / R: 2.00 F: 2.00 / R: 2.00 F: 2.45 / R: 2.45 F: 2.83 / R: 2.45	F: 23 (31) / R: 17 (23) F: 21 (28) / R: 17 (23) F: 17 (23) / R: 14 (19) F: 14 (19) / R: 14 (19)	F: 26 (35) / R: 19 (26) F: 24 (32) / R: 19 (26) F: 20 (27) / R: 16 (22) F: 16 (22) / R: 16 (22)	F: 29 (39) / R: 21 (28) F: 26 (35) / R: 21 (28) F: 21 (28) / R: 17 (23) F: 17 (23) / R: 17 (23)	5000
MG-5005 A	1.54, 2.00 2.47	35 (47) 26 (35)	41 (55) 30 (40)	45 (60) 33 (44)	4500
MG-5012 SC	1.51 2.09 2.40 2.77	74 (99) 64 (86) 58 (77) 50 (67)	86 (115) 75 (100) 67 (90) 58 (78)	94 (126) 82 (110) 74 (99) 64 (86)	4500
MG-5020 SC	1.50, 2.04 2.50 2.94	104 (139) 83 (111) 72 (96)	121 (162) 97 (130) 84 (112)	133 (178) 106 (142) 92 (123)	4000
MG-5025 A	1.52, 2.09 2.40	59 (79) 52 (70)	69 (93) 61 (82)	75 (101) 67 (90)	4500
MG-5055 A	1.53, 2.08 2.60	105 (141) 60 (82)	123 (165) 70 (95)	135 (181) 77 (103)	4000
MG-5050 SC	1.00, 1.11, 1.23, 1.53, 1.71, 2.04, 2.45 3.00	104 (139) 93 (125)	116 (156) 108 (145)	127 (170) 121 (162)	3300
MG-5050 A	1.12, 1.26, 1.50, 1.80, 2.04, 2.50	104 (139)	116 (156)	127 (170)	3300
MG-5050 RV	1.12, 1.26, 1.50, 1.80, 2.04, 2.50	104 (139)	116 (156)	127 (170)	3300
MG-5061 SC	1.00, 1.15, 1.48, 1.77, 2.00, 2.43 3.00	123 (165) 115 (154)	142 (190) 133 (178)	155 (208) 145 (194)	3300
MG-5061 A	1.13, 1.28, 1.54, 1.75, 2.00 2.47	123 (165) 115 (154)	142 (190) 133 (178)	155 (208) 145 (194)	3300
MG-5061 RV	1.13, 1.28, 1.54, 1.75, 2.00 2.47	123 (165) 115 (154)	142 (190) 133 (178)	155 (208) 145 (194)	3300
MG-5062 IV	1.19, 1.53, 1.83, 2.07, 2.51	123 (165)	142 (190)	155 (208)	3300
MGX-5065 SC **MG-5065 SC**	1.08, 1.26, 1.47, 1.72, 2.04 2.43	216 (290) 199 (267)	250 (335) 232 (311)	272 (365) 254 (341)	3600
MGX-5065 A **MG-5065 A**	1.08, 1.26, 1.47, 1.72, 2.04 2.43	216 (290) 199 (267)	250 (335) 232 (311)	272 (365) 254 (341)	3600
MGX-5075 SC **MG-5075 SC**	1.06, 1.22, 1.33, 1.53, 1.77, 2.05, 2.53, 2.88	186 (249)	209 (280)	224 (300)	3500
MGX-5075 A **MG-5075 A**	1.06, 1.22, 1.33, 1.53, 1.77, 2.05, 2.53, 2.88	186 (249)	209 (280)	224 (300)	3500
MGX-5075 IV **MG-5075 IV**	1.03, 1.30, 1.49, 1.72, 1.99, 2.46	186 (249)	209 (280)	224 (300)	3500
MG-5085 SC	1.05, 1.22, 1.42, 1.76, 1.96 2.33	227 (304) 205 (275)	254 (340) 231 (310)	265 (355) 243 (326)	3200
MG-5085 A	1.05, 1.22, 1.47, 1.72, 2.04 2.43	227 (304) 205 (275)	254 (340) 231 (310)	265 (355) 243 (326)	3200
MG-5082 SC	0.98, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53, 2.88	262 (351)	292 (392)	310 (416)	3200
MG-5082 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53, 2.88	262 (351)	292 (392)	310 (416)	3200
MGX-5086 SC	0.98, 1.06, 1.11, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53, 2.88	262 (351)	292 (392)	310 (416)	3200
MGX-5086 A	1.06, 1.33, 1.53, 1.77, 2.05, 2.28, 2.53, 2.88	262 (351)	292 (392)	310 (416)	3200

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Weights are approximate and include flywheel housing adapter and flexible input coupling.

**F = Forward Ratios and Ratings
R = Reverse Ratings and Ratios

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1800 RPM	@ 2100 RPM	@ 2300 RPM	
MG-5091 SC	1.17, 1.45, 1.71, 2.04, 2.45, 2.95 3.33	242 (325) 205 (275)	280 (375) 239 (320)	306 (410) 261 (350)	3000
MG-5091 DC	3.82, 4.50 5.05	242 (325) 205 (275)	280 (375) 239 (320)	306 (410) 261 (350)	3000
MG-5090 A	1.45, 1.73, 1.96, 2.43	239 (320)	276 (370)	287 (385)	3000
MGX-5095 SC **MG-5095 SC**	1.15, 1.27, 1.47, 1.71, 2.00, 2.46 2.95	298 (400)	335 (449)	360 (483)	3000
MGX-5096A	1.28, 1.52, 1.81, 2.04, 2.48	298 (400)	335 (449)	360 (483)	3000
MGX-5114 SC **MG-5114 SC**	0.93, 1.02, 1.12, 1.50, 1.74, 2.04, 2.54 3.00	358 (480) 328 (440)	410 (550) 373 (500)	444 (595) 403 (540)	2800 at .93:1 3000 for others
MGX-5114 SC-HD **MG-5114 SC-HD**	1.50, 1.74, 2.04, 2.54 3.00	358 (480) 328 (440)	410 (550) 373 (500)	444 (595) 403 (540)	3000
MGX-5114 DC **MG-5114 DC**	3.28, 3.43, 4.17, 4.59, 4.86	347 (465)	403 (540)	421 (565)	3000
MGX-5114 RV **MG-5114 RV**	1.03, 1.20, 1.48, 1.75, 1.92, 2.04 2.50	347 (465) 321 (430)	387 (519) 366 (491)	418 (561) 396 (531)	3000
MGX-5114 IV **MG-5114 IV**	1.05, 1.23, 1.52, 1.80, 1.98 2.57	347 (465) 321 (430)	387 (519) 366 (491)	418 (561) 396 (531)	3000
MGX-5126A	1.03, 1.20, 1.48, 1.75, 1.92, 2.04 2.50	347 (465) 321 (430)	387 (519) 366 (491)	418 (561) 396 (531)	3000
		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MGX-5136 SC	1.00, 1.10, 1.28, 1.48, 1.73, 2.04, 2.57 2.90	410 (550) 376 (504)	445 (597) 408 (547)	497 (666) 456 (611)	2800
MGX-5136 A	1.16, 1.25, 1.53, 1.79, 2.00, 2.52	410 (550)	445 (597)	497 (666)	2800
MGX-5136 RV	1.16, 1.25, 1.53, 1.79, 2.00, 2.52	410 (550)	445 (597)	497 (666)	2800
MGX-5146 SC	1.03 1.03, 1.20, 1.33, 1.48, 1.57, 1.75, 1.96 2.50	557 (747) 565 (758) 481 (645)	612 (821) 612 (821) 537 (720)	660 (885) 660 (885) 615 (825)	2500
MGX-5146 A	1.26, 1.48, 1.75, 1.96 2.50	565 (758) 481 (645)	612 (821) 537 (720)	660 (885) 615 (825)	2500
MGX-5146 RV	1.26, 1.48, 1.75, 1.96 2.50	565 (758) 481 (645)	612 (821) 537 (720)	660 (885) 615 (825)	2500
MGX-516	3.06, 3.50, 4.04, 4.52, 5.05 6.00	397 (532) 365 (489)	447 (600) 406 (544)	465 (624) 425 (570)	2500
MGX-5170 DC	3.12, 3.54, 4.06, 4.50, 5.03, 5.95 6.53, 6.95	448 (601) 408 (547)	507 (680) 459 (615)	541 (725) 478 (641)	2500
MGX-5202 SC	1.17, 1.33, 1.53, 1.76, 2.03, 2.48, 2.92 3.48	540 (724)	600 (805)	678 (909)	2500
MGX-5204 SC	1.17, 1.33, 1.53, 1.76, 2.03, 2.48, 2.92 3.48	633 (849) 540 (724)	716 (960) 600 (805)	797 (1069) 678 (909)	2750 (2500 at 1.17:1)
MGX-5222 DC	4.03, 4.59, 5.04, 6.10, 6.55, 6.96	540 (724)	600 (805)	678 (909)	2500
MGX-5225 DC	4.03, 4.59, 5.04, 5.57, 6.10	633 (849)	716 (960)	735 (986)	2500
MGX-5321 DC	3.35, 4.06, 4.42, 4.96, 5.46 5.96 6.39	882 (1183) 861 (1155) 737 (988)	982 (1317) 970 (1300) 812 (1089)	1000 (1341) 970 (1300) 905 (1214)	2400

Important:
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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1200 RPM	@ 1600 RPM	@ 1800 RPM	
MG-540 (with flexible coupling)	1.93, 2.58, 2.90 3.26 3.91 4.60 5.17 6.18 7.00 7.47	787 (1055) 776 (1041) 648 (869) 787 (1055) 774 (1038) 644 (864) 571 (766) 535 (717)	1049 (1407) 1034 (1387) 864 (1159) 1049 (1407) 1032 (1384) 859 (1152) 762 (1022) 715 (959)	1180 (1582) 1163 (1560) 972 (1303) 1180 (1582) 1161 (1557) 969 (1300) 895 (1200) 804 (1078)	1900 2100 2400 1900 2100 2400 2400 2400
MG-5506	4.03, 4.55, 4.96, 5.44 6.00	937 (1257) 848 (1137)	1249 (1675) 1130 (1515)	1406 (1885) 1279 (1715)	2000
MGX-5600	2.53, 2.98, 3.51, 4.03, 4.63, 5.04 5.76 6.04	1230 (1649) 1200 (1609) 985 (1321)	1575 (2112) 1566 (2100) 1271 (1704)	1760 (2360) 1737 (2329) 1410 (1891)	2100
MGX-5600DR	4.20, 6.02 6.56 7.01 7.22	1151 (1543) 1038 (1392) 964 (1293) 845 (1133)	1564 (2097) 1458 (1955) 1352 (1813) 1088 (1459)	1760 (2360) 1641 (2201) 1566 (2100) 1207 (1619)	2100
MGN-1814 V	2.53, 3.00, 3.29, 3.62, 4.00 4.22	1600 (2146) 1548 (2076)	2133 (2860) 2064 (2768)	2350 (3151) 2240 (3004)	2000
MGN-1816 V	4.43, 4.85, 5.12, 5.33, 5.61 5.91	1600 (2146) 1500 (2012)	2133 (2860) 2000 (2682)	2350 (3151) 2240 (3004)	2000
MGN-1817 V	6.00, 6.56, 6.88, 7.22 7.59	1600 (2146) 1548 (2076)	2133 (2860) 2064 (2768)	2350 (3151) 2240 (3004)	2000
MGN-1819 V	8.04, 8.42, 8.83 9.27	1600 (2146) 1548 (2076)	2133 (2860) 2064 (2768)	2350 (3151) 2240 (3004)	2000
		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MG-6449 A	1.51, 1.73 2.07 2.44 2.95	640 (858) 529 (709) 462 (620) 413 (554)	695 (932) 574 (770) 502 (673) 448 (601)	778 (1043) 642 (861) 562 (754) 501 (672)	2500
MG-6449 RV	1.51, 1.73 2.07 2.44 2.95	640 (858) 529 (709) 462 (620) 413 (554)	695 (932) 574 (770) 502 (673) 448 (601)	778 (1043) 642 (861) 562 (754) 501 (672)	2500
MGX-6598 DC	2.46, 3.03 3.48 3.93 4.43	710 (952) 670 (898) 611 (819) 570 (764)	771 (1034) 729 (978) 664 (890) 619 (830)	858 (1151) 811 (1088) 739 (991) 690 (925)	2500
MGX-6599 SC	1.07, 1.30, 1.50, 1.66, 1.74 1.97, 2.04, 2.19, 2.45 2.82	685 (919) 670 (898) 575 (771)	744 (998) 728 (976) 624 (837)	828 (1110) 806 (1081) 696 (933)	2500
MGX-6599 A	1.34, 1.51, 1.74, 2.03, 2.24 2.48 2.80	706 (947) 668 (896) 644 (864)	767 (1029) 728 (976) 699 (937)	851 (1141) 804 (1078) 779 (1045)	2500
MGX-6599 RV	1.34, 1.51, 1.74, 2.03, 2.24 2.48 2.80	706 (947) 668 (896) 644 (864)	767 (1029) 728 (976) 699 (937)	851 (1141) 804 (1078) 779 (1045)	2500
MG-6600 DC	3.30, 4.11 4.68, 4.72 5.22 6.05	637 (854) 623 (835) 534 (716) 473 (634)	716 (960) 701 (940) 600 (805) 532 (713)	835 (1120) 818 (1097) 699 (937) 621 (833)	2500

Important:
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Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Model	Ratios	Kilowatts (Horsepower)			Maximum Speed (rpm)
		@ 1600 RPM	@ 1800 RPM	@ 2100 RPM	
MGX-6620 SC	1.15, 1.33, 1.53, 1.73 2.03 2.32 2.44 2.72	827 (1109) 810 (1086) 805 (1080) 780 (1046) 723 (970)	898 (1204) 879 (1179) 874 (1172) 847 (1136) 785 (1053)	934 (1252) 934 (1252) 934 (1252) 934 (1252) 875 (1173)	2500
MGX-6620 A	1.55, 1.72, 2.09 2.28, 2.42 2.73	875 (1173) 767 (1029) 719 (964)	950 (1274) 833 (1117) 780 (1046)	1059 (1420) 928 (1244) 869 (1165)	2500
MGX-6620 RV	1.55 1.72 2.09 2.28, 2.42 2.73	815 (1093) 788 (1057) 749 (1004) 727 (975) 661 (886)	885 (1187) 856 (1148) 813 (1090) 789 (1058) 718 (963)	986 (1322) 954 (1279) 905 (1214) 879 (1179) 799 (1071)	2500
MGX-6650 SC	1.51, 1.88, 2.03, 2.37 2.47, 2.93, 3.21	911 (1222)	1025 (1375)	1098 (1472)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6690 SC	1.51, 1.88, 2.03, 2.37, 2.47 2.81, 2.93 3.21	1017 (1364) 977 (1310) 943 (1265)	1129 (1514) 1069 (1434) 1028 (1379)	1195 (1602) 1130 (1515) 1098 (1472)	2300 (1.51-2.03) 2500 (2.37-3.21)
MGX-6848 SC	1.51, 1.88, 2.03, 2.37, 2.47, 2.58, 2.81, 2.93 3.21	1111 (1490) 1074 (1440)	1250 (1676) 1194 (1601)	1420 (1904) 1350 (1810)	2300 (1.51-2.03) 2500 (2.37-3.21)
		@ 1200 RPM	@ 1600 RPM	@ 1800 RPM	
MG-6984 SC	1.18, 1.54, 2.06, 2.29, 2.52, 2.92 3.25 3.43	884 (1185) 800 (1073) 602 (807)	1178 (1580) 1066 (1430) 802 (1075)	1326 (1778) 1200 (1609) 903 (1211)	2100
MG-6984 A	1.48, 1.97, 2.50, 2.79 2.93	905 (1214) 867 (1163)	1206 (1617) 1157 (1552)	1356 (1818) 1301 (1745)	2100
MG-6984 RV	1.48, 1.97, 2.50, 2.79 2.93	905 (1214) 867 (1163)	1206 (1617) 1157 (1552)	1356 (1818) 1301 (1745)	2100
MGX-61000 SC	2.22, 2.54, 2.63, 2.72, 3.03, 3.39	Please contact Twin Disc			2100
MG-61242 SC	1.16, 1.52 2.08, 2.47, 2.96	1250 (1676) 1173 (1573)	1667 (2235) 1512 (2028)	1875 (2514) 1760 (2360)	2100
MG-61242 A	1.49, 2.08 2.44 2.93	1239 (1661) 1189 (1594) 1173 (1573)	1651 (2214) 1585 (2125) 1565 (2099)	1858 (2492) 1782 (2390) 1760 (2360)	2100
MG-61242 RV	1.49, 2.08 2.44 2.93	1239 (1661) 1189 (1594) 1173 (1573)	1651 (2214) 1585 (2125) 1565 (2099)	1858 (2492) 1782 (2390) 1760 (2360)	2100
MGX-61500 SC	1.84, 1.98, 2.26, 2.39, 2.45 2.56, 2.86, 2.97, 3.03, 3.41	Please contact Twin Disc			2100
MGX-61500SC-HL/HR	1.84, 1.98, 2.18, 2.26, 2.56, 2.97*	Please contact Twin Disc			2100
MGX-62000SC-HL/HR	1.84, 1.98, 2.18, 2.49, 2.97*	Please contact Twin Disc			2100

Important:
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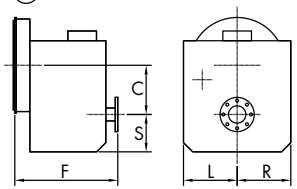
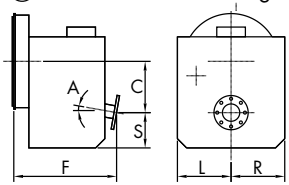
Weights are approximate and include flywheel housing adapter and flexible input coupling.

DIMENSIONS AND WEIGHTS FOR TWIN DISC MARINE TRANSMISSIONS

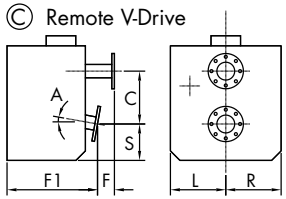
Ⓐ Vertical Offset



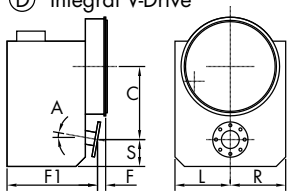
Ⓑ Vertical Offset Downangle



Ⓒ Remote V-Drive



Ⓓ Integral V-Drive



Model	Assembly Drawing	Installation Drawing Series	Con-fig.	SAE Housing	A	C (offset) in (mm)
MG-340	IT101317501	IT40TD0004	A	5, BW	–	2.66 (68)
MG-360	IT101319505	IT60TD0004	A	5, BW	–	3.10 (79)
MG-5005 A	IT345ATD0001	IT1023041	B	3, 4, 5	8°	4.37 (111)
MG-5012 SC	IT1013079B01	IT93TD0001	A	3, 4, BW	–	4.35 (110)
MG-5020 SC	IT1013049B01	IT170TD0001	A	3, 4, BW	–	5.18 (132)
MG-5025 A	IT1013170	IT485ATD0000	B	3, 4, BW	8°	4.96 (126)
MG-5055 A	IT101316101	IT880ATD0002	B	3, 4, BW	10°	6.10 (155)
MG-5050 SC	PX-12700	PX-13021	A	1, 2, 3, 4	–	5.28 (134)
MG-5050 A	PX-12730	PX-13019	B	1, 2, 3, 4	10°	5.52 (140)
MG-5050 RV	PX-8760	PX-8760	C	–	10°	5.52 (140)
MG-5061 SC	PX-11650/-A	1026328	A	1, 2, 3	–	5.66 (144)
MG-5061 A	PX-11640/-A	1026225	B	1, 2, 3	7°	5.75 (146)
MG-5061 RV	PX-8735	PX-8735	C	–	7°	5.75 (146)
MG-5062 IV	PX-11660/-A	PX-11660/-A	D	1, 2, 3	15°	13.03 (331)
MGX-5065 SC	PX-12410-A	1026371	A	1, 2, 3	–	6.00 (152)
MGX-5065 A	PX-12370-A	1026215	B	1, 2, 3	7°	6.69 (170)
MG-5065 SC	PX-11480-A	1026372-A	A	1, 2, 3	–	6.00 (152)
MG-5065 A	PX-11165-B	1026552	B	1, 2, 3	7°	6.69 (170)
MGX-5075 SC	PX-12620	PX-13174	A	1, 2, 3	–	0.59 (15)
MGX-5075 A	PX-12610	PX-12610	B	1, 2, 3	7°	1.91 (48)
MGX-5075 IV	PX-12630	1026838	D	1, 2, 3	15°	14.70 (373)
MG-5075 SC	PX-11876 & PX-11876	1026311	A	1, 2, 3	–	0.59 (15)
MG-5075 SC	PX-10680/-A	PX-10680/-A	A	1, 2, 3	–	0.59 (15)
MG-5075 A	PX-10700/-A	1026876	B	1, 2, 3	7°	1.91 (48)
MG-5075 IV	PX-11530A	PX-13054	D	1, 2, 3	15°	14.70 (373)
MG-5082 SC	PX-11250-A	PX-11250-A	A	1, 2	–	0.59 (15)
MG-5082 A	PX-11040-B	PX-11040-B	B	1, 2	7°	2.12 (54)
MG-5085 SC	PX-9260-B/-C	PX-9260-B/-C	A	1, 2,3	–	6.00 (152)
MG-5085 A	PX-9360-B/-C	PX-13370	B	1, 2, 3	7°	6.69 (170)
MGX-5086 SC	PX-12600	PX-12600	A	1, 2	–	0.59 (15)
MGX-5086 A	PX-12290	PX-13064	B	1, 2	7°	2.12 (54)
MG-5091 SC	PX-10016	1026295	A	1, 2	–	6.82 (173)
MG-5091 DC	1002155/ PX-12636 (FS)	1026877/ PX-12636 (FS)	A	1, 2	–	9.49 (241)
MG-5090 A	PX-10015	PX-13290	B	1, 2	7°	7.30 (185)
MGX-5095 SC	PX-12480A	PX-13023	A	1, 2	–	7.48 (190)
MG-5095 SC	PX-13080	PX-13215	A	1, 2	–	7.48 (190)
MGX-5096A	PX12680A	PX12820	B	1, 2	7°	7.51 (191)
MG-5096A	PX13225	PX13226	B	1, 2	7°	7.51 (191)

S (sump) in (mm)	F (length) in (mm)	F1 (length) in (mm)	L (mounting pad) in (mm)	R (mounting pad) in (mm)	Weight lb (kg)
2.46 (63)	7.17 (182)	–	–	2.95 (75)	20 (9)
3.56 (83)	9.65 (245)	–	–	–	31 (14)
3.19 (81)	8.82 (224)	–	–	–	55 (25)
4.92 (125)	10.14 (258)	–	6.61 (168)	6.61 (168)	117 (53)
5.17 (131)	10.53 (268)	–	7.60 (193)	7.60 (193)	165 (75)
3.43 (87)	10.63 (270)	–	6.50 (165)	6.50 (165)	79 (36)
4.25 (108)	10.51 (267)	–	7.60 (193)	7.60 (193)	119 (54)
4.69 (119)	12.78 (325)	–	8.13 (207)	5.85 (149)	189 (86)
3.68 (93)	12.10 (307)	–	8.13 (207)	5.85 (149)	176 (80)
3.68 (93)	3.06 (78)	10.13 (257)	8.13 (207)	5.85 (149)	160 (73)
4.84 (123)	13.18 (335)	–	8.40 (213)	6.15 (156)	215 (98)
4.21 (107)	12.53 (318)	–	8.40 (213)	6.16 (156)	210 (95)
4.21 (107)	2.79 (71)	10.53 (267)	8.40 (213)	6.16 (156)	190 (86)
3.97 (101)	4.00 (102)	12.92 (328)	8.40 (213)	6.15 (156)	312 (142)
5.22 (133)	13.30 (338)	–	10.00 (254)	6.50 (165)	244 (111)
4.84 (123)	12.97 (329)	–	10.00 (254)	6.50 (165)	244 (111)
5.22 (133)	13.30 (338)	–	10.00 (254)	6.50 (165)	244 (111)
4.84 (123)	12.97 (329)	–	10.00 (254)	6.50 (165)	244 (111)
7.00 (178)	14.11 (358)	–	10.00 (254)	10.00 (254)	268 (122)
7.00 (178)	13.80 (350)	–	10.00 (254)	10.00 (254)	268 (122)
3.93 (100)	2.81 (71)	13.94 (354)	10.00 (254)	10.00 (254)	330 (150)
7.00 (178)	14.11 (358)	–	10.00 (254)	10.00 (254)	268 (122)
7.00 (178)	14.11 (358)	–	10.00 (254)	10.00 (254)	268 (122)
7.00 (178)	13.80 (350)	–	10.00 (254)	10.00 (254)	268 (122)
3.93 (100)	2.81 (71)	13.94 (354)	10.00 (254)	10.00 (254)	330 (150)
7.00 (178)	16.24 (413)	–	10.00 (254)	10.00 (254)	298 (135)
7.00 (178)	15.97 (405)	–	10.00 (254)	10.00 (254)	298 (135)
5.25 (133)	14.67 (373)	–	10.00 (254)	6.50 (165)	265 (120)
4.84 (123)	14.69 (373)	–	10.00 (254)	6.50 (165)	270 (123)
7.00 (178)	16.24 (413)	–	10.00 (254)	10.00 (254)	298 (135)
7.00 (178)	15.97 (405)	–	10.00 (254)	10.00 (254)	298 (135)
6.22 (158)	16.59 (421)	–	10.25 (260)	6.94 (176)	485 (220)
9.60 (244)	18.09 (459)	–	11.12 (282)	11.12 (282)	655 (297)
5.05 (128)	17.07 (434)	–	10.25 (260)	7.00 (178)	475 (215)
6.14 (156)	17.00 (432)	–	10.43 (265)	10.43 (265)	440 (200)
6.14 (156)	17.00 (432)	–	10.43 (265)	10.43 (265)	419 (190)
5.45 (139)	19.76 (502)	–	10.43 (265)	10.43 (265)	440 (200)
5.45 (139)	19.76 (502)	–	10.43 (265)	10.43 (265)	416 (189)

Important:
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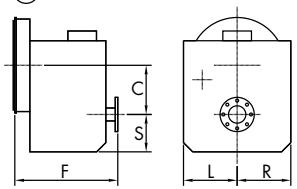
Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

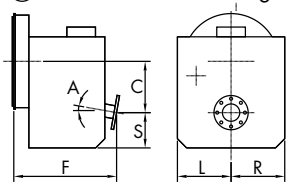
Use certified drawings for installation.
Dry weights are approximate and vary by input and ratio.
Specifications are subject to change without notice.
Dimensions may vary with housing adapter or output flange.

DIMENSIONS AND WEIGHTS FOR TWIN DISC MARINE TRANSMISSIONS

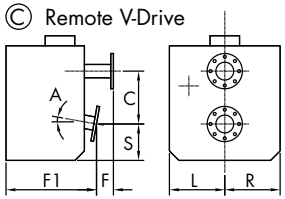
Ⓐ Vertical Offset



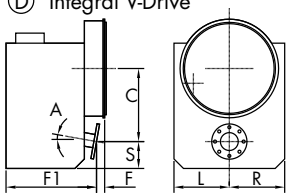
Ⓑ Vertical Offset Downangle



Ⓒ Remote V-Drive



Ⓓ Integral V-Drive



Model	Assembly Drawing	Installation Drawing Series	Con-fig.	SAE Housing	A	C (offset) in (mm)
MGX-5114 SC	PX-13160	PX-13254	A	1	—	7.47 (190)
MGX-5114 SC-HD	PX-13165	PX-13252	A	1	—	7.47 (190)
MGX-5114 DC	PX-13190	PX-13298	A	1	—	10.90 (277)
MGX-5114 RV	PX-13270	PX-13365	C	—	7°	8.00 (203)
MGX-5114 IV	PX-13200	1025008	D	1, 2	14°	16.26 (413)
MG-5114 SC	PX-13150	PX-13253	A	1	—	7.47 (190)
MG-5114 SC-HD	PX-13155	PX-13251	A	1, Ind.	—	7.47 (190)
MG-5114 DC	PX-13180	PX-13297	A	1, Ind.	—	10.90 (277)
MG-5114 RV	PX-13280	PX-13366	C	—	7°	8.00 (203)
MG-5114 IV	PX-13210	PX-13359	D	1, 2	14°	16.26 (413)
MGX-5126 A	PX12870	1026597	B	1	7°	8.11 (206)
MG-5126 A	PX13235	PX13236	B	1	7°	8.11 (206)
MGX-5136SC	1027445	1027608	A	1, 0	—	7.87 (200)
MGX-5136A	1025600	1027607	B	1, 0	10°	9.12 (232)
MGX-5136RV	1027556	1027609	C	—	10°	9.12 (232)
MG-5136SC	1027560	1027762	A	1, 0	—	7.87 (200)
MG-5136A	1027557	1027761	B	1, 0	10°	9.12 (232)
MG-5136RV	1027561	1027763	C	—	10°	9.12 (232)
MGX-5146SC	1027661	1027662	A	1, 0	—	8.12 (206)
MGX-5146A	1027596	1027597	B	1, 0	10°	10.40 (264)
MGX-5146RV	1027740	1027741	C	—	10°	10.40 (264)
MG-5146SC	1027904	1027905	A	1, 0	—	8.12 (206)
MG-5146A	1027902	1027903	B	1, 0	10°	10.40 (264)
MG-5146RV	1027906	1027907	C	—	10°	10.40 (264)
MGX-516	1023380	1026197	A	1, 0 (14" only)	—	13.29 (338)
MGX-5170 DC	1023382	1026199	A	1, 0	—	15.15 (385)
MGX-5202 SC	1026316	1026322	A	1, 0, Ind.	—	9.75 (248)
MGX-5204 SC	1026193	1026242	A	1, 0, Ind.	—	9.75 (248)
MGX-5222 DC	1022822-A	1025541	A	1, 0, Ind.	—	15.75 (400)
MGX-5225 DC	1022825-A	1025541	A	1, 0, Ind.	—	15.75 (400)
MGX-5321 DC	1022203-B	1026064	A	0, 00, Ind.	—	17.32 (440)

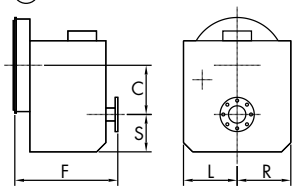
S (sump) in (mm)	F (length) in (mm)	F1 (length) in (mm)	L (mounting pad) in (mm)	R (mounting pad) in (mm)	Weight lb (kg)
6.33 (161)	19.00 (483)	—	11.00 (279)	7.50 (191)	474 (215)
6.33 (161)	19.00 (483)	—	11.00 (279)	11.00 (279)	630 (286)
9.85 (250)	19.03 (483)	—	11.25 (286)	11.25 (286)	868 (394)
5.25 (133)	2.12 (54)	17.69 (449)	11.00 (279)	8.00 (203)	435 (198)
5.75 (146)	2.43 (62)	19.26 (489)	7.50 (191)	11.50 (292)	595 (270)
6.33 (161)	19.00 (483)	—	11.00 (279)	7.50 (191)	463 (210)
6.33 (161)	19.00 (483)	—	11.00 (279)	11.00 (279)	619 (281)
9.85 (250)	19.03 (483)	—	11.25 (286)	11.25 (286)	841 (382)
5.25 (133)	2.12 (54)	17.69 (449)	11.00 (279)	8.00 (203)	435 (198)
5.75 (146)	2.43 (62)	19.26 (489)	7.50 (191)	11.50 (292)	566 (257)
5.13 (130)	21.53 (547)	—	11.00 (279)	8.00 (203)	531 (241)
5.13 (130)	21.53 (547)	—	11.00 (279)	8.00 (203)	513 (233)
7.48 (190)	22.52 (572)	—	12.01 (305)	12.01 (305)	650 (295)
6.26 (159)	21.93 (557)	—	12.01 (305)	12.01 (305)	661 (300)
6.26 (159)	4.46 (113)	18.02 (458)	12.01 (305)	12.01 (305)	588 (267)
7.48 (190)	22.52 (572)	—	12.01 (305)	12.01 (305)	634 (288)
6.26 (159)	21.93 (557)	—	12.01 (305)	12.01 (305)	645 (293)
6.26 (159)	4.46 (113)	18.02 (458)	12.01 (305)	12.01 (305)	573 (260)
7.04 (179)	22.52 (572)	—	12.01 (305)	12.01 (305)	758 (344)
6.13 (156)	21.85 (555)	—	12.01 (305)	12.01 (305)	780 (354)
6.13 (156)	5.68 (144)	17.96 (456)	12.01 (305)	12.01 (305)	700 (318)
7.04 (179)	22.52 (572)	—	12.01 (305)	12.01 (305)	747 (339)
6.13 (156)	21.85 (555)	—	12.01 (305)	12.01 (305)	771 (350)
6.13 (156)	5.68 (144)	17.96 (456)	12.01 (305)	12.01 (305)	692 (314)
12.77 (324)	20.59 (523)	—	14.00 (356)	14.00 (356)	1580 (717)
14.23 (361)	22.55 (573)	—	15.00 (381)	15.00 (381)	1670 (759)
8.75 (222)	23.45 (595)	—	14.75 (375)	10.50 (267)	1275 (580)
8.75 (222)	23.43 (595)	—	14.75 (375)	10.50 (267)	900 (409)
15.13 (384)	25.08 (637)	—	16.00 (406)	16.00 (406)	2304 (1046)
15.13 (384)	25.08 (637)	—	16.00 (406)	16.00 (406)	2304 (1046)
16.77 (426)	29.83 (758)	—	17.32 (440)	17.32 (440)	3864 (1754)

Important:
See rating definitions, application information, and torsional compatibility notices on pages 24 and 25.
Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

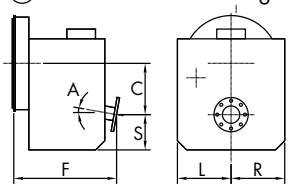
Use certified drawings for installation.
Dry weights are approximate and vary by input and ratio.
Specifications are subject to change without notice.
Dimensions may vary with housing adapter or output flange.

DIMENSIONS AND WEIGHTS FOR TWIN DISC MARINE TRANSMISSIONS

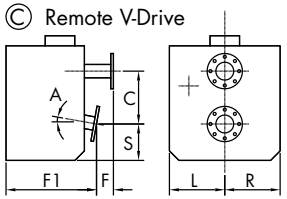
Ⓐ Vertical Offset



Ⓑ Vertical Offset Downangle



Ⓒ Remote V-Drive



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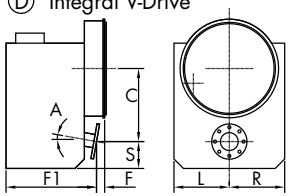

Model	Assembly Drawing	Installation Drawing Series	Con-fig.	SAE Housing	A	C (offset) in (mm)
MG-540	X-9882-C	X-9882-C	A	0, 00, Ind.	—	8.08 (205)
MG-5506	00D005604	00D005604	A	0, 00, Ind.	—	19.29 (490)
MGX-5600	1027251	1027247	A	0, 00, Ind.	—	21.65 (550)
MGX-5600 DR	1028410	1028499	A	Ind.	—	8.85 (225)
MGN-1814 V	PPD007097	PPD007097	A	Ind.	—	16.73 (425)
MGN-1816 V	PPD007098	PPD007098	A	Ind.	—	21.26 (540)
MGN-1817 V	00D007099-B	00D007099-B	A	Ind.	—	26.38 (670)
MGN-1819 V	PLN005679-B	PLN005679-B	A	Ind.	—	30.71 (780)
MG-6449 A	5-50006-B	7-38504-A	B	1, 0, Ind.	10°	10.83 (275)
MG-6449 RV	7-37431-A	7-37431-A	C	—	10°	10.88 (276)
MGX-6598 DC	7-40985	see 1025433	A	1, 0, Ind.	—	12.20 (310)
MGX-6599 SC	7-40979	7-40989	A	1, 0, Ind.	—	8.66 (220)
MGX-6599 A	7-40981	7-40987	B	1, 0, Ind.	10°	11.70 (297)
MGX-6599 RV	7-40983	7-40988	C	—	10°	11.70 (297)
MG-6600 DC	7-37941	7-36712-A	A	0, Ind.	—	14.17 (360)
MGX-6620 SC	7-40980	see 1025433	A	0, Ind.	—	9.25 (235)
MGX-6620 A	7-40982	see 1025433	B	0, Ind.	10°	12.44 (316)
MGX-6620 RV	7-40984	see 1025433	C	—	10°	12.44 (316)
MGX-6650 SC	1002046	1028862	A	0, 00, Ind.	—	12.21 (310)
MGX-6690 SC	1020674	1025142	A	0, 00, Ind.	—	12.21 (310)
MGX-6848 SC	1020675	1025142	A	0, 00, Ind.	—	12.21 (310)
MG-6984 SC	7-37482	7-38495	A	0, 00, Ind.	—	12.21 (310)
MG-6984 A	7-37950-A	7-37028	B	0, 00, Ind.	10°	15.04 (382)
MG-6984 RV	7-37042	7-37042	C	—	10°	15.04 (382)
MGX-61000 SC	1024420	1024771	A	00, Ind.	—	14.96 (380)
MG-61242 SC	7-37018	see 1025433	A	Ind.	—	13.39 (340)
MG-61242 A	7-37047	7-37046	B	Ind.	10°	17.52 (445)
MG-61242 RV	7-37050	7-37049	C	—	10°	17.52 (445)
MGX-61500 SC	1024500	1025454	A	Ind.	—	18.11 (460)
MGX-61500 SC-HL	1023610	1025259	E	Ind.	—	18.11 (460)
MGX-61500 SC-HR	1023611	1025260	F	Ind.	—	18.11 (460)
MGX-62000 SC-HL	1026779	1025259	E	Ind.	—	18.11 (460)
MGX-62000 SC-HR	1026776	1025260	F	Ind.	—	18.11 (460)

S (sump) in (mm)	F (length) in (mm)	F1 (length) in (mm)	L (mounting pad) in (mm)	R (mounting pad) in (mm)	Weight lb (kg)
13.45 (342)	36.47 (926)	—	16.00 (406)	16.00 (406)	4450 (2019)
19.29 (490)	39.17 (995)	—	20.08 (510)	20.08 (510)	4846 (2200)
21.26 (540)	41.02 (1042)	—	20.67 (525)	20.67 (525)	6890 (3132)
21.26 (540)	50.63 (1286)	—	20.67 (525)	20.67 (525)	7000 (3175)
19.69 (500)	55.12 (1400)	—	27.56 (700)	23.62 (600)	6608 (3000)
22.83 (580)	55.12 (1400)	—	29.53 (750)	29.53 (750)	8370 (3800)
27.56 (700)	55.12 (1400)	—	31.50 (800)	31.50 (800)	9912 (4500)
33.46 (850)	55.12 (1400)	—	37.40 (950)	37.40 (950)	TBA (TBA)
4.92 (125)	20.83 (529)	—	12.01 (305)	12.01 (305)	757 (344)
6.44 (164)	6.32 (161)	20.32 (516)	12.01 (305)	12.01 (305)	782 (355)
10.83 (275)	23.72 (603)	—	14.17 (360)	14.17 (360)	1278 (580)
9.29 (236)	23.31 (592)	—	13.39 (340)	13.39 (340)	1084 (492)
6.25 (159)	22.60 (574)	—	13.39 (340)	13.39 (340)	1075 (488)
6.25 (159)	6.06 (154)	20.63 (524)	13.39 (340)	13.39 (340)	1031 (468)
14.96 (380)	30.87 (784)	—	14.76 (375)	14.76 (375)	1747(794)
9.25 (235)	27.48 (698)	—	13.39 (340)	13.39 (340)	1267 (575)
7.25 (184)	25.70 (653)	—	13.39 (340)	13.39 (340)	1278 (580)
7.25 (184)	5.06 (129)	23.74 (603)	13.39 (340)	13.39 (340)	1123 (510)
11.81 (300)	30.13 (765)	—	17.32 (440)	17.32 (440)	2205 (1001)
11.81 (300)	30.13 (765)	—	17.32 (440)	17.32 (440)	2205 (1001)
11.81 (300)	30.13 (765)	—	17.32 (440)	17.32 (440)	2205 (1001)
11.30 (287)	27.20 (691)	—	17.52 (445)	17.52 (445)	2628 (1192)
8.50 (216)	26.93 (684)	—	17.52 (445)	17.52 (445)	1991 (905)
8.50 (216)	11.82 (300)	30.86 (784)	17.52 (445)	17.52 (445)	2002 (910)
14.17 (360)	39.08 (993)	—	19.29 (490)	19.29 (490)	3920 (1780)
12.17 (309)	29.80 (757)	—	19.69 (500)	19.69 (500)	2310 (1050)
9.49 (241)	30.35 (771)	—	19.69 (500)	19.69 (500)	2431 (1105)
9.49 (241)	11.34 (288)	32.56 (827)	19.69 (500)	19.69 (500)	2475 (1125)
15.63 (397)	40.63 (1032)	—	18.23 (463)	18.23 (463)	4230 (1920)
24.36 (619)	40.04 (1017)	—	15.63 (397)	29.33 (745)	4840 (2195)
24.36 (619)	40.04 (1017)	—	29.33 (745)	15.63 (397)	4840 (2195)
24.36 (619)	40.04 (10.17)	—	15.63 (397)	29.33 (745)	4840 (2195)
24.36 (619)	40.04 (10.17)	—	29.33 (745)	15.63 (397)	4840 (2195)

Important:
See rating definitions, application information, and torsional compatibility notices on pages 24 and 25.
Ratings shown are in SAE Horsepower (HP). Metric Horsepower equals SAE times 1.014.
Weights are approximate and include flywheel housing adapter and flexible input coupling.

Use certified drawings for installation.
Dry weights are approximate and vary by input and ratio.
Specifications are subject to change without notice.
Dimensions may vary with housing adapter or output flange.

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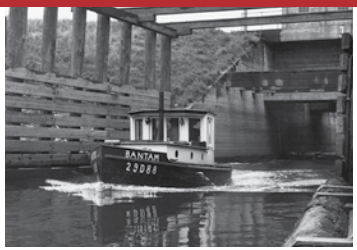

Bulletin 319-B-MPG Nov-18 Printed in the USA

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