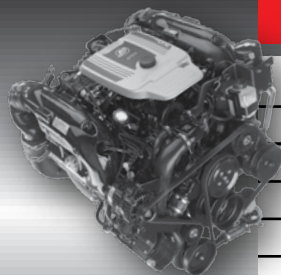


350 MAG ECT

Sterndrive



For full details on this complete corrosion protection system see page 24-27.



SmartCraft Integrated Marine Technology maximizes performance and delivers a greater sense of security with innovative features.



Digital Throttle & Shift utilizes cable-less operation which eliminates helm maintenance and gives instant throttle response.

SPECIFICATIONS

HP/kW	300 / 221
Max RPM (WOT)	4800 - 5200
Cylinders	V 8
Displacement (CID/L)	350 / 5.7
Bore X Stroke (in/mm)	4.00 x 3.48 / 101 x 88
Compression Ratio	9.4:1
Fuel/Ethanol Tolerance	87 Octane / up to 10% Ethanol
Engine Control System	PCM 09 w/SmartCraft CAN Capability OBD-M Diagnostics & O2 Sensors
Fuel Delivery System	Gen II Cool Fuel - Alpha Gen III Cool Fuel - Bravo
Fuel Injection System	Multi-point Electronic Fuel Injection (MPI)
Induction System	2 Piece Long Runner Intake w/75mm throttle body (80mm w/DTS)
Ignition System	Crank Fired High Voltage Switch w/Knock Control
Charging (Amp/Watt)	65 / 917 Alternator
Water Drain System	Single Point Manual (Alpha) Three Point Manual (Bravo) Air Actuated Single-Point (FMC or SeaCore)
Exhaust System	EDP Coated Iron Manifold w/ Dry Joint Elbow
Cooling System	Thermostatically Controlled, Raw Water
Accessory Drive System	Serpentine Belt
Recommended Oil	Mercury MerCruiser Full Synthetic 20W-40W, NMMA FCW Rated
Engine Guardian System	Low oil pressure, high coolant temperature, low seawater pressure, low voltage, over-rev control, knock control
Dimensions (LxWxH) in	32 x 30 x 22
Dimensions (LxWxH) mm	814 x 740 x 559
Weight w/Alpha (lbs/kg)	1059 / 480
Weight w/Bravo One (lbs/kg)	1117 / 507
Weight w/Bravo Two (lbs/kg)	1132 / 513
Weight w/Bravo Three (lbs/kg)	1142 / 518
Freshwater Cooling	Standard on SeaCore Model
Digital Throttle & Shift	Optional

KEY ATTRIBUTES**✓ Sequential Multi-Port Fuel Injection**

Precisely outlines the exact amount of fuel for all driving conditions.

Benefits:

- *E.Z. starts, regardless of temp.*
- *Better throttle response.*
- *Smooth, stable idling.*
- *Increased fuel efficiency.*
- *Reduced cost of operation.*

✓ Exclusive GEN III Cool Fuel Module (Bravo)

Water cooled fuel delivery system provides hi-PSI fuel to the injectors.

- Cools fuel to prevent vapor lock
- Contains water/fuel separating filter

Reliability with Ease of Maintenance.

**✓ High Output Alternator**

65 Amps @ Maximum RPM 38 Amps @ idle.

Provides battery charging on demand allowing use of electronics, alarms & other accessories. *Dependability.*

**✓ Drive Lube Monitor**

Easy-to-see translucent bottle for checking level of gearcase lubricant with audible level warning. *Provides drive protection and simple maintenance.*

✓ Exclusive Engine Guardian

Senses potential problems, alerts operator and even reduces engine power when needed. *Peace of Mind; protects your investment.*

Vital functions monitored:

- Low Oil Pressure
- Low Voltage
- Engine Temperature
- Over-Rev Control
- Low Drive Lube
- Knock Control
- Low Seawater Pressure

KEY ATTRIBUTES

✓ **Dry-Joint Exhaust Design**

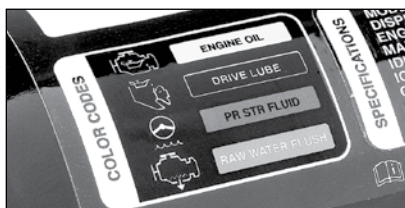
Separates cooling water & exhaust at junctions to prevent water leaks from reaching critical engine components.

Long-Term Endurance with built-in Reliability

✓ **Color-Coded Service Points**

Allows easy checking of fluids levels and convenient filling of reservoirs.

Ease of Ownership.



✓ **Simple-Maintenance Features**

Easy Access Oil Dipstick (Fitting allows oil to be pumped out)

Top Mount Oil Fill & Top / Front Mounted Oil Filter

Convenient to use and Easy to service.

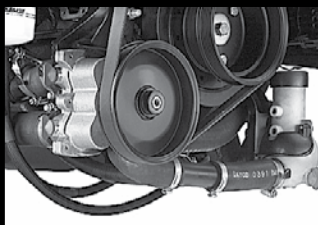
✓ **Convenient Water Drain Systems**

Simplifies periodic maintenance and allows boaters to extend their boating season into the cooler months.

Single-Point Drain on Alpha drive models



Three-Point Manual Drain on Bravo drive models



Air Actuated Single-Point Drain on FWC or SeaCore models



Refer to Page 62 for more information

✓ **High-Displacement Brass Seawater Pump**

Increases cooling system capacity, more resistant to wear.

Improved durability.

Sterndrive

350 MAG ECT

ADDITIONAL FEATURES / BENEFITS

MerCruiser's ECT Technology

Multiport Fuel Injection (MPI)
PCM09 Control Module
Catalyst System (Exhaust Manifolds)

Dual Oxygen Sensors on each manifold

This system provides excellent performance while producing Super Ultra-Low emission levels

Proven V8 Durability

GM cast iron base engine with long intake runner manifold for better acceleration and handling heavy loads.

High Voltage Ignition

High energy ignition with knock control provides instant starts and more power for performance.

SmartCraft

Delivers information regarding key engine functions from fuel usage, RPM & engine guardian to slow trolling RPM control

EDP (Electro- Deposition Paint) Coating

Featured on the Exhaust manifolds, risers, elbows & Thermostat housings add to corrosion endurance of these components

Power Steering

Reduces steering effort and provides enhanced hull control at all boat speeds

MerCathode Corrosion Protection

Standard on Bravo models, available on Alpha models. This active cathodic corrosion protection system feeds electrons to underwater hardware and drive units.

AVAILABLE DRIVES

Alpha, Bravo One, Bravo Two, Bravo Three

Visit **mercurymarine.com** for details
on the best performing drives in the world.