

# MERCURY

## MerCruiser®

### 350 MAG MPI - 300 HP

#### Specifications

**HP:** 300  
**kW:** 224  
**SmartCraft:** Yes  
**Full Throttle RPM Range:** 4600-5000  
**Displacement Liter/CID:** 5.7/350  
**Cylinder/Configuration:** V-8  
**Bore & Stroke (in):** 4.0 x 3.48  
**Bore & Stroke (mm):** 101 x 88  
**Compression Ratio:** 9.4:1  
**Fuel System:** MPI  
**Ignition System:** ECM 555  
**Alternator Amp:** 65  
**Alternator Watt:** 917  
**Length (in/mm):** 32/813  
**Width (in/mm):** 30/740  
**Height (in/mm):** 22/559  
**Drive Options:** Alpha, Bravo One, Bravo Two, Bravo Three  
**Total Weight (lbs./kg):** Alpha: 952/433  
**Total Weight (lbs./kg):** Bravo One: 993/451  
**Total Weight (lbs./kg):** Bravo Two: 1010/459  
**Total Weight (lbs./kg):** Bravo Three: 1019/463  
**Drive/Gear Ratios (primary/optional/high altitude):**  
Alpha: 1.47/1.62:1  
**Drive/Gear Ratios (primary/optional/high altitude):**  
Bravo One: 1.5/1.36/1.65:1  
**Drive/Gear Ratios (primary/optional/high altitude):**  
Bravo Two: 2.0/1.81/2.2:1  
**Drive/Gear Ratios (primary/optional/high altitude):**  
Bravo Three: 2.0/1.81/2.2:1  
**Audio Warning System:** Standard (Engine Guardian)  
**Ceramic- and EDP-Coated Exhaust Elbows:** Standard  
**Closed-Cooling:** Kit  
**Color-Coded Service Points:** Standard  
**Compact Hydraulic Steering:** Optional  
**Easy Oil Drain System:** Standard  
**EDP-Coated and Painted Exhaust Manifold(s):** Standard  
**Engine Flush Port:** Kit  
**Knock Control:** Standard  
**MerCathode:** Kit (Alpha)/Standard (Bravo)  
**Platinum-Tipped Spark Plugs:** Standard  
**Power Steering:** Standard  
**Remote Oil Filter:** Standard  
**Risers 3" and 6":** Optional  
**Serpentine Belt:** Standard  
**Water-Cooled Fuel System:** Standard  
**Water Drain System:** Bravo Optional: Air-actuated, single-point drain system - hand air pump included with engine



**Water Drain System:** Bravo Standard: Three-point manual drain system with blue hand-removable drain plugs

**Water Drain System:** Alpha/Bravo Optional: Multiple blue hand-removable drain plugs located on port, starboard and front of engine

**Water Drain System:** Alpha Standard: Manual single-point drain operated by opening a rotary valve control located on the front of engine

**Water/Fuel Separator:** Standard

**CARB Star Rating:** 3

#### **Features & Benefits**

- New shift plate designs and cables provide smoother, lower-effort shifting.
- Further enhancing the standard MerCathode corrosion protection, all Bravo Three drives feature additional protective anodes on the anti-cavitation plate and propshaft.
- All Alpha drive models now feature the proven Bravo-style maintenance-free hinge pins.
- MerCruiser MPI engines with SmartCraft™ feature the most sophisticated boat/engine data-management system available. This system monitors up to 64 internal and external functions and continuously adjusts the engine operations for optimum performance.
- The 555 control module enables boat manufacturers to offer state-of-the-art digital information displays like the Mercury-exclusive SC5000 System View, a small computer screen that allows the driver to easily monitor and verify real-time engine and boat data.
- Engine Guardian™ proactively monitors and protects your engine from the damaging effects of low oil pressure, high engine pressure, engine over-speed, or low cooling water pressure.
- The Engine Guardian system not only detects and alerts you of an engine problem, it automatically reduces power to a safe level that allows you to continue operating.
- Multipoint injection system provides dependable turn-key starts, optimized fuel/air distribution, digital electronic spark advance, idle speed control, and automatic adjustment for atmospheric and elevation changes for reliable performance.
- MerCruiser-exclusive single-point water drain system (optional on Bravo® models) allows the operator to drain water from the engine from one, easy-to-reach location for convenience.
- Dry-joint exhaust system eliminates a potential leak path, reduces a buildup of condensation and decreases the threat of water ingestion for longer engine life.
- Exclusive easy oil drain system simplifies routine maintenance, allowing engine oil to be drained through a hose that exits through the boat's standard drain plug hole.
- MerCruiser water-cooled and insulated fuel system, which eliminates the need for a return line to the fuel tank, helps keep fuel temperatures down and greatly reduces the potential for vapor lock with today's fuels.
- Remote-mounted oil filter places the oil filter within easy reach for simple, clean oil changes. Along with the easy oil drain system, MerCruiser MPI engines bring simplified maintenance to a new level.