

STANDARD FEATURES

RELIABILITY

- ECM 555 fuel and ignition system, along with platinum-tipped spark plugs, ensures reliable starts and outstanding performance, year after year
- Dry-joint exhaust eliminates the chance for water to enter engine through leaky gaskets
- Water-separating fuel filter helps protect fuel system and engine against damage
- Industry-exclusive three-year limited corrosion failure warranty
- Proven GM® cast-iron block V-8 power for years of reliable operation
- Ceramic-coated exhaust elbows better resist high temperature and corrosion
- Serpentine belt system for longer belt life

PERFORMANCE

- Two-piece, long-runner intake manifold design improves low and mid-range torque for better acceleration and handling heavy loads
- HVS ignition with knock control maximizes power and protects against low-quality fuels
- Standard anti-feedback power steering helps reduce operator fatigue and makes boat handling a breeze
- Low-restriction flame arrestor for added horsepower and torque
- Improved shift system feel along with a 1/3 reduction in shift effort

EASY OWNERSHIP

- Three-year/300-hour maintenance interval on many periodic service items saves time and money
- Easy oil drain system, coupled with convenient remote oil filter location, makes oil changes cleaner and makes periodic service simple and less work
- Color-coded service points make checking fluid levels simple and straightforward
- Operates on easy-to-find, less expensive 87-octane fuel
- Engine-mounted drive lube monitor for easy lube check or add from inside the boat
- All models come with simple-to-use water drain systems designed for many boat applications

TECHNOLOGY

- Multiport fuel injection provides easy starts, cold or hot, and automatically adjusts for changes in temperature, weather or altitude for terrific performance in any environment
- Helm-mounted audio warning system works with Engine Guardian to monitor and protect against engine or drive damage if monitored temperatures or pressures vary from normal range
- MerCathode® galvanic corrosion prevention system standard on Bravo models, available on Alpha® models, offers unmatched active electronic corrosion protection
- Large 65-amp alternator provides plenty of power for popular onboard electronics
- MPI engines are designed to display engine information on your choice of analog or SmartCraft® digitally driven gauges and displays

SPECIFICATIONS

Power	300 hp (224 kW)
Full Throttle Range	4800 – 5200 rpm
Displacement	350 CID (5.7L)
Engine Type	V-8
Bore & Stroke	4.00" x 3.48" (101 mm x 88 mm)
Compression Ratio	9.4:1
Fuel Requirement	87-Octane (R+M)/2
Engine Control System	ECM 555 with SmartCraft CAN Capability
Fuel Delivery System	Gen II Cool Fuel – Alpha/Gen III Cool Fuel – Bravo
Fuel Injection System	Multipoint Electronic Fuel Injection
Induction System	Two-Piece Long-Runner Intake with 75 mm Throttle Body
Ignition System	Crank-Fired High-Voltage Switch w/Knock Control and Platinum Plugs
Charging System	65-Amp/917-Watt Alternator
Water Drain System	Three-Point Manual Drain (Bravo Models)/Single-Point Air-Actuated (Optional on Bravo Models)/Single-Point Manual Drain (Alpha Models)
Exhaust System	Iron Manifold with Ceramic-Coated Dry-Joint Exhaust Elbow
Cooling System	Thermostatically Controlled, Raw Water
Accessory Drive System	Serpentine Belt
Recommended Engine Oil	SAE 25W-40 NMMA-Certified FC-W
Engine Guardian System	Low Oil Pressure, High Coolant Temperature, Low Drive Lube, Low Seawater Pressure, Low Voltage, Overrev Control, Knock Control
Alpha Ratios	1.47, 1.62(H)
Bravo One Ratios	1.36, 1.50, 1.65
Bravo Two Ratios	2.00, 2.20
Bravo Three Ratios	2.00, 2.20, 2.43(H)
Dimensions (LxWxH) in	32 x 30 x 22
Dimensions (LxWxH) mm	814 x 740 x 559
Weight w/ Alpha (lb/kg)	946/430
Weight w/ Bravo One (lb/kg)	987/449
Weight w/ Bravo Two (lb/kg)	1004/456
Weight w/ Bravo Three (lb/kg)	1013/460
Optional Freshwater Cooling	Kit
Warranty Coverage	www.mercurymarine.com/mercruiser_warranty