

BLACK SCORPION®



► **Specifications**

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FOR **ENGINE**
VIDEO TOUR!

330 HP TOW SPORTS INBOARD FUEL-INJECTED

▼ **Features**

<ul style="list-style-type: none"> • Exclusive low-profile air intake system combines a massive 90 mm throttle body with the MerCruiser multiport fuel injection system to produce 365 ft lbs of hole-shooting torque. • 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 Black Scorpion features the powerful ECM 555, for unmatched engine-management capabilities. • 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. • MerCruiser multiport fuel injection (MPI) system features high-quality marine-specific componentry for unmatched performance and increased throttle response. It also provides dependable turn-key starts, optimized fuel/air distribution to each cylinder, digital electronic spark advance, idle speed control, and automatic adjustment for atmospheric and elevation changes for reliable performance. • 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. • Dry-joint exhaust system eliminates a potential leak path, reduces buildup of condensation and decreases the threat of water ingestion for longer engine life. • Exclusive Tunnel Ram intake manifold draws on racing technology for maximum power and exceptional throttle response. • One-piece serpentine belt means easier servicing, less maintenance, unsurpassed belt life, and requires less horsepower to drive the engine accessories. • To make winterization easier, color-coded drain plugs are located on the engine block, exhaust manifolds and the circulating pump hose. The blue drain plugs are hand-removable and require no tools. • Powerful 65-amp/917-watt alternator easily compensates for extra power required by MPI systems and fully charges batteries for dependable starting and powering of additional electrical accessories. • Water-cooled and insulated fuel system helps keep fuel temperatures down and greatly reduces potential of vapor lock. 	<ul style="list-style-type: none"> • Platinum spark plugs for extended life and reduced routine maintenance. • Audio warning system that alerts boater of low oil pressure, high water temperature and excessive transmission temperature. • Color-coded service points for easy identification of key service areas (yellow – engine oil, blue – engine coolant, brown – transmission fluids). • Engines incorporate roller valve lifters, improving efficiency for increased horsepower and performance. • Heavy-duty water-circulating pump uses a stainless steel shaft, bronze impeller and special seal for long life. • Sealed flywheel housing protects starter from water damage for added resistance to the elements. • 50-amp/706-watt circuit breaker is standard to help prevent overloading of the electrical system and is easy to reset, eliminating the need for troublesome fuses. • Remote water-separating fuel filter ensures dependable starts and performance by removing water and solid particles from fuel before they reach the fuel system. • The engine, including the alternator, is painted for better corrosion protection. • High-capacity seawater pump utilizes brass pump body and stainless steel end plate and shaft for increased durability and corrosion protection. • Electro Deposition Painting (EDP) process used on engine as well as oil pan offers excellent protection from corrosive environments. • Neutral start safety switch permits starting only when transmission is in neutral. • All MerCruiser gasoline engines (500 hp or less) are designed to run on regular 87-octane fuel, instead of premium, making them less expensive to operate. • 3-year/300-hour maintenance interval for most scheduled maintenance on all gas models. Some scheduled and routine maintenance is required more frequently as specified in the engine owner's manual. • All Mercury® engines include a 3-year limited corrosion failure warranty.
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HP	330
kW	246
SmartCraft	Yes
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
Full-Throttle RPM Range	4800 – 5200
Ignition System	ECM 555
Alternator Amp	65
Alternator Watt	917
Length	43/1092
Width	30/740
Height	21/533
Total Weight (lb/kg)	821/373
Transmission/Gear Ratios	Velvet Drive 71C: 1.0:1
Audio Warning System	Standard
Brass Seawater Pump	Standard
Ceramic- and EDP-Coated Exhaust Elbows	Standard
Circulating Pump Hose Drain	Standard
Closed-Cooling	Kit
Color-Coded Service Points	Standard
EDP and Painted Exhaust Manifolds	Standard
Engine Flush Port	Kit
50-Amp Circuit Breaker	Standard
Knock Control	Standard
90 mm Throttle Body	Standard
Platinum-Tipped Spark Plugs	Standard
Risers 3" and 6"	Kit
Serpentine Belt	Standard
Water-Cooled Fuel System	Standard
Water Drain System	Standard: Multiple blue hand-removable drain plugs located on port, starboard and front of engine
Water/Fuel Separator	Standard

EFFECTIVE JULY 2003

Option availability determined by boat manufacturers within their boat model offerings.
All models and specifications are subject to change without notice or incurring obligation to modify previously manufactured products.