

► **Specifications**

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**320 HP TOW SPORTS INBOARD
FUEL-INJECTED**



▼ **Features**

<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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.
<ul style="list-style-type: none"> Mercury®-exclusive ECM 555 processor optimizes fuel mixture, knock control and ignition timing independently for each cylinder, resulting in improved, precise performance. ECM 555 also enables the connection of SmartCraft components. 	<ul style="list-style-type: none"> 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.
<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Standard audio alarm system warns of low oil pressure, high water temperature and excessive transmission temperature, reducing chances of engine or transmission damage.
<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Color-coded service points for easy identification of key service areas (yellow – engine oil; blue – engine coolant; brown – transmission fluid).
<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 65-amp/917-watt alternator fully charges the battery for dependable starting with extra capacity to handle additional electrical accessories. Alternator is located high on the engine to avoid water contamination.
<ul style="list-style-type: none"> MerCruiser multiport fuel injection (MPI) system features high-quality marine-specific componentry for unmatched performance and increased throttle response. 	<ul style="list-style-type: none"> One-piece serpentine belt means easier servicing, less maintenance, unsurpassed belt life, and requires fewer horsepower to drive the engine accessories.
<ul style="list-style-type: none"> Multiport 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. 	<ul style="list-style-type: none"> Heavy-duty water-circulating pump uses a stainless steel shaft, bronze impeller and special seal for long life.
<ul style="list-style-type: none"> Long-stroke 377CID/6.2L engine customized by MerCruiser for high torque and more horsepower. 	<ul style="list-style-type: none"> Remote water-separating fuel filter ensures dependable starts and performance by removing water and solid particles from fuel before they reach the fuel system.
<ul style="list-style-type: none"> Forged-steel crankshaft and special profile roller camshaft for more power and longer life. 	<ul style="list-style-type: none"> Sealed flywheel housing protects starter from water damage for added resistance to the elements.
<ul style="list-style-type: none"> MerCruiser-exclusive optional air-actuated, single-point water drain system allows the operator to drain water from the engine from one, easy-to-reach location for convenience. 	<ul style="list-style-type: none"> Neutral start safety switch permits starting only when transmission is in neutral.
<ul style="list-style-type: none"> Standard water drain system features three easily accessible blue, hand-removable drain plugs near the front of the engine. 	<ul style="list-style-type: none"> High-capacity seawater pump utilizes brass pump body and stainless steel end plate and shaft for increased durability and corrosion protection.
<ul style="list-style-type: none"> Dry-joint exhaust system eliminates a potential leak path, reduces build-up of condensation and decreases the threat of water ingestion for longer engine life. 	<ul style="list-style-type: none"> 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.
<ul style="list-style-type: none"> Exclusive easy oil drain system simplifies routine maintenance, allowing engine oil to be drained through a hose that exits the boat's standard drain plug hole. 	<ul style="list-style-type: none"> 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.
<ul style="list-style-type: none"> Platinum-tipped spark plugs for extended life and reduced routine maintenance. 	<ul style="list-style-type: none"> All Mercury® engines include a 3-year limited corrosion failure warranty.

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Specifications

HP	320
kW	239
SmartCraft	Yes
Displacement Liter/CID	6.2/377
Cylinder/Configuration	V-8
Bore & Stroke (in)	4.0 x 3.75
Bore & Stroke (mm)	101 x 95
Compression Ratio	9.0:1
Fuel System	MPI
Full-Throttle RPM Range	4800 – 5200
Ignition System	ECM 555
Alternator Amp	65
Alternator Watt	917
Length (in/mm)	43/1092
Width (in/mm)	30/740
Height (in/mm)	22/559
Total Weight (lb/kg)	821/373
Transmission/Gear Ratios	Velvet Drive 71C: 1.0:1
Audio Warning System	Standard (Engine Guardian)
Ceramic- and EDP-Coated Exhaust Elbows	Standard
Closed-Cooling	Kit
Color-Coded Service Points	Standard
Easy Oil Drain System	Standard
EDP-Coated and Painted Exhaust Manifold(s)	Standard
Engine Flush Port	Kit
50-Amp Circuit Breaker	Standard
High-Capacity Seawater Pump	Standard
Knock Control	Standard
Neutral Start Safety Switch	Standard
Platinum-Tipped Spark Plugs	Standard
Remote Oil Filter	Standard
Risers 3" and 6"	Kit
Serpentine Belt	Standard
Water-Cooled Fuel System	Standard
Water Drain System	Standard: Three-point manual drain system with blue hand-removable drain plugs. Optional: Air-actuated, single-point drain system – hand air pump included with engine
Water/Fuel Separator	Standard

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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.