



► **Specifications**

**190 HP STERNDRIVE
CARBURETED**

▼ **Features**

<ul style="list-style-type: none"> • 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 anticavitation plate and propshaft. • All Alpha® drive models now feature the proven Bravo®-style maintenance-free hinge pins. • Sterndrive offerings include Alpha, Bravo Two® and Bravo Three. • Thunderbolt® V Hi-Energy Ignition optimizes timing, provides easier starting, and increased stability for better overall responsiveness and improved performance. • The Thunderbolt V Hi-Energy Ignition continually adjusts the timing for optimum midrange performance and fuel economy. A rev limiter is standard along with an electronic idle control, which aids in low-speed operation and eliminates shifting stalls. • To make winterization easier, color-coded drain plugs are on engine blocks, exhaust manifolds and the circulating pump hose. The blue drain plugs are hand-removable and require no tools. • 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. • Dry-joint exhaust system eliminates a potential leak path, reduces buildup of condensation and decreases the threat of water ingestion for longer engine life. • Standard audio alarm system warns of low oil pressure, high water temperature and low drive unit lubricant level, reducing chances of engine or drive damage. • Platinum-tipped spark plugs provide superior performance and require less maintenance. • Color-coded service points for easy identification of key service areas (yellow – engine oil; black – drive oil; blue – engine coolant; brown – power steering fluid). • A one-piece serpentine belt means easier servicing, less maintenance, unsurpassed belt life, and requires fewer horsepower to drive the engine accessories. • To accommodate the narrow confines of a pontoon boat's center-pod engine compartment, MerCruiser® developed a tilt helm hydraulic steering system with hydraulic cylinders on the transom. • The compact hydraulic steering option greatly reduces the overall width of a standard sterndrive installation. 	<ul style="list-style-type: none"> • Compact hydraulic steering is offered as a factory-installed option. • Technologically advanced roller cam design provides a lower friction coefficient, improves low-end torque, offers higher levels of performance, and aids fuel economy. • High-flow cylinder heads with enlarged intake ports dramatically improve airflow throughout the engine, providing up to 10 – 15 percent greater horsepower output for the same engine displacement. • A 65-amp/917-watt alternator system provides plenty of power to keep batteries charged and to run electronic accessories. The alternator is located high on the engine to eliminate water contamination. • Standard antifeedback power steering unit significantly reduces steering feedback for increased boating pleasure. • Through-prop exhaust buries noise underwater for a quieter ride. • 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 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. • Mercury Propellers® offers a line of 3-, 4-, and 5-blade propellers engineered specifically for MerCruiser sterndrives. With 14 unique aluminum and stainless steel propeller styles and over 200 pitch options, it's easy to find the right propeller. • Maintenance-free Permalube® U-joints eliminate the need for periodic lubrication. Now standard on the Alpha, Bravo One, Bravo Two, and Bravo Three drives. • Exclusive drive lube monitor is conveniently located on top of all gas sterndrive engines for easy access and allows the lubricant to be checked from inside the boat. • Drive fluid level is easily checked through the translucent bottle design and is electronically monitored through the Audio Warning System (optional on 3.0L). • Greasable drive coupler can be lubricated from inside the boat, simplifying routine maintenance. • MerCathode (standard on Bravo and kit on Alpha models) and optional closed-cooling offer the ultimate in corrosion protection. • All Mercury® engines include a 3-year limited corrosion failure warranty.
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190 HP STERNDRIVE • CARBURETED

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HP	190
kW	142
Displacement Liter/CID	4.3/262
Cylinder/Configuration	V-6
Bore & Stroke (in)	4.0 x 3.48
Bore & Stroke (mm)	101 x 88
Compression Ratio	9.4:1
Fuel System	2V Carb
Full-Throttle RPM Range	4400 – 4800
Ignition System	Thunderbolt V
Alternator Amp	65
Alternator Watt	917
Drive Options	Alpha, Bravo Two, Bravo Three
Drive/Gear Ratios (primary/optional/high-altitude)	Alpha: 1.81/1.62/2.0:1
Drive/Gear Ratios (primary/optional/high-altitude)	Bravo Two: 2.2/2.0/:1
Drive/Gear Ratios (primary/optional/high-altitude)	Bravo Three: 2.43/2.2/:1
Total Weight (lb/kg)	Alpha: 848/385
Total Weight (lb/kg)	Bravo Two: 893/405
Total Weight (lb/kg)	Bravo Three: 902/410
Length (in/mm)	28/696
Width (in/mm)	30/740
Height (in/mm)	21/533
Audio Warning System	Standard
Circulating Pump Hose Drain	Standard
Color-Coded Service Points	Standard
Compact Hydraulic Steering	Optional
Easy Oil Drain System	Standard
EDP- and Ceramic-Coated Exhaust Elbows	Standard
EDP-Coated and Painted Cast-Iron Manifold(s)	Standard
Engine Flush Port	Kit
Jackshaft (factory-installed)	Optional
MerCathode	Kit (Alpha)/Standard (Bravo)
Platinum-Tipped Spark Plugs	Standard
Power Steering	Standard
Remote Oil Filter	Kit
Risers 3" (factory-installed)	Optional
Serpentine Belt	Standard
Water Drain System	Multiple blue hand-removable drain plugs located on port, starboard and front of 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.

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