

# Mariner F20 EFI – Technical Specification

Category	Specifications
General Specifications	Horsepower: 20 hp / 14.7 kW Displacement: 333 cc (20.3 CID) Cylinder Configuration: Inline 2-cylinder (I-2) Full Throttle Range (WOT): 5700–6200 rpm
Fuel & Ignition	Fuel System: Electronic Fuel Injection (EFI) Valve Train: Single Overhead Cam (SOHC) Ignition: CDI with electronic spark advance Fuel: 87 octane, up to 10% ethanol (E10)
Lubrication	Recommended Oil: Mercury 25W-40 Synthetic Blend FC-W Alternative: Mercury 10W-30 4-Stroke Marine Oil
Electrical	Alternator: 12 A / 145 W (electric-start models only)
Engine Protection	Low oil pressure Overheat protection Over-rev limiter EFI sensor alert
Starting & Steering	Starting System: Manual + Electric Steering: Remote or Tiller
Dimensions & Weight	Shaft Length: 20 in (508 mm) Dry Weight: approx. 49–56 kg (depending on configuration)
Gearcase	Shift: Forward – Neutral – Reverse (F–N–R) Gear Ratio: 2.15:1 Exhaust: Through-prop
Cooling System	Water-cooled with thermostat
Trim & Shallow Water	Trim: Manual, 6 positions Shallow Water Drive: Yes
Environmental	CARB: 3-Star Ultra-Low Emissions
Bore & Stroke	61 x 57 mm (2.40 x 2.24 in)
Certification	MED-certified (MED/1.37), EC Type Certificate MEDB000034G Approved for Rescue Boats / SOLAS use