

TECHNICAL DATA

| | HP | 9.9, 15 | 25, 30 |
|---------------|---|--|--|
| ENGINE | Full Throttle Operating Range RPM | 9.9 HP: 5000-6000 15 HP: 5500-6500 | 25 HP: 4500-5500 30 HP: 5200-5800 |
| | Power | 9.9 HP (7.5 kw) @ 5500 RPM 15 HP (11.2 kw) @ 6000 RPM | 25 HP (18.7 kw) @ 5000 30 HP (22.4 kw) @ 5500 |
| | Idle RPM in Gear | 700 ± 50 | |
| | Weight | R Models: 74 lbs. (34 kg) RL Models: 77 lbs. (35 kg) | R, TE Models: 117 lbs. (53 kg) RL, EL Models: 122 lbs. (55 kg) TEL Models: 124 lbs. (56 kg) |
| | Lubrication | Evinrude/Johnson XD30 formula outboard oil Refer to Engine Lubricant on p. 51. | |
| | Engine Type | In-line 2 cylinder | In-line 2 cylinder |
| | Displacement | 15.6 cu. in. (255 cm ³) | 32 cu. in. (521 cm ³) |
| | Bore | 2.375 in. (60.33 mm) | 3.000 in. (76.20 mm) |
| | Stroke | 1.760 in. (44.70 mm) | 2.250 in. (57.15 mm) |
| | Standard Bore | 2.3745 to 2.3750 in. (60.31 to 60.33 mm) | 2.9995 to 3.0005 in. (76.19 to 76.21 mm) |
| | | To bore oversize, add piston oversize dimension to standard bore | |
| | Top Crankshaft Journal | 0.8757 to 0.8762 in. (22.24 to 22.26 mm) | 1.2510 to 1.2515 in. (31.78 to 31.79 mm) |
| | Center Crankshaft Journals | 0.8120 to 0.8125 in. (20.63 to 20.64 mm) | 1.1833 to 1.1838 in. (30.06 to 30.07 mm) |
| | Bottom Crankshaft Journal | 0.7870 to 0.7874 in. (19.98 to 19.99 mm) | 0.9842 to 0.9846 in. (25.00 to 25.01 mm) |
| | Rod Crankpin | 0.8120 to 0.8125 in. (20.63 to 20.64 mm) | 1.1823 to 1.1828 in. (30.03 to 30.04 mm) |
| | Piston Ring End Gap, Both | 0.005 to 0.015 in. (0.13 to 0.38 mm) | 0.007 to 0.017 in. (0.18 to 0.43 mm) |
| | Lower Piston Ring Groove Side Clearance | 0.004 in (0.10 mm) maximum | |
| | Test Propeller | 340177 | 434505 |
| | Minimum Test RPM | 9.9 HP: 4900 15 HP: 5700 | 25 HP: 4800 30 HP: 5400 |
| FUEL | Fuel/Oil Ratio | 50:1 | |
| | Carburetion | One single-throat carburetor, float feed | |
| | Calibration | Adjustable low speed; Fixed high speed | Adjustable low speed; Fixed intermediate and high speed |
| | Low-Speed Setting | Refer to FUEL SYSTEM section. | |
| | Starting Enrichment | Manual choke | R, RL, TE, TEL Models: Manual primer EL Models: Electric primer solenoid |
| | Carburetor Float Level Setting | Float gauge, P/N 324891 | |
| | Carburetor Float Drop Setting | 1 to 1 3/8 in. (25 to 35 mm) | 1 1/8 to 1 5/8 in. (28 to 41 mm) |
| | Preferred Fuel | Regular unleaded, plus grade unleaded, premium unleaded gasolines | |
| | Acceptable Fuel | Any of the above gasolines with 10% Ethanol or 5% Methanol with 5% co-solvents | |
| | Minimum Octane | 87 AKI (R+M)/2 or 90 RON | |
| | Additives | 2+4 Fuel Conditioner, Fuel System Cleaner, Carbon Guard Use only Bombardier recommended fuel additives. The use of other additives may result in engine damage. See FUEL REQUIREMENTS on p. 48 for additional information. | |