

SPECIAL TOOLS AND SERVICE SPECIFICATIONS
TECHNICAL DATA

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| | HP | 55 | |
|--------------------------------|--|--|-----------------------|
| ENGINE | Full Throttle Operating Range RPM | 4500–5500 | |
| | Power | 55 HP (41.0 kw) @ 5000 RPM | |
| | Idle RPM in Gear | 800 ± 25 | |
| | Weight | 191 lbs. (86.6 kg) | |
| | Lubrication | <i>Evinrude/Johnson XD30 formula outboard oil</i> Refer to OIL REQUIREMENTS on p. 39. | |
| | Engine Type | In-line 2 cylinder | |
| | Displacement | 45 cu. in. (737 cm ³) | |
| | Bore | 3.1875 in. (80.96 mm) | |
| | Stroke | 2.820 in. (71.63 mm) | |
| | Standard Bore | 3.1870 to 3.1880 in. (80.95 to 80.98 mm) To bore oversize, add piston oversize dimension to standard bore | |
| | Top Crankshaft Journal | 1.4986 to 1.4991 in. (38.06 to 38.08 mm) | |
| | Center Crankshaft Journals | 1.3745 to 1.3749 in. (34.91 to 34.92 mm) | |
| | Bottom Crankshaft Journal | 1.1810 to 1.1815 in. (30.00 to 30.01 mm) | |
| | Rod Crankpin | 1.1823 to 1.1828 in. (30.03 to 30.04 mm) | |
| | Piston Ring End Gap, Both | 0.010 to 0.022 in. (0.25 to 0.56 mm) | |
| | FUEL | Test Propeller | P/N 382861 |
| | | Fuel/Oil Ratio | 50:1 fuel/oil mixture |
| Carburetion | | Two single-throat carburetor, float feed | |
| Calibration | | Adjustable low speed Fixed intermediate and high speed | |
| Low-Speed Setting | | Refer to FUEL SYSTEM section. | |
| Starting Enrichment | | Manual Primer | |
| Carburetor Float Level Setting | | Float gauge, P/N 324891 | |
| Carburetor Float Drop Setting | | 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 | <i>2+4 Fuel Conditioner, Fuel System Cleaner, Carbon Guard</i> Use only Bombardier recommended fuel additives. The use of other additives may result in engine damage. | | |
| | See FUEL REQUIREMENTS on p. 36 for additional information | | |