

## 8 SPECIFICATIONS

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#### JET SKI WATERCRAFT - MODEL JH1100-A1 "CLASS A" INBOARD BOAT

<b>Engine:</b>		
Type	2-stroke, 3-cylinder, crankcase reed valve, water-cooled	
Displacement	1,071 mL	65.4 cu in.
Bore and Stroke	80.0 x 71.0 mm	3.15 x 2.80 in.
Compression Ratio	5.8 : 1	
Ignition System	Magneto CDI (Digital)	
Lubrication System	Oil injection (break-in period: Oil injection and gas/oil mixture 50 : 1)	
Carburetor	Keihin CDK 38 - 29 x 3	
Starting System	Electric	
<b>Tuning Specifications:</b>		
Spark Plug	NGK BR9ES	
Gap	0.7 - 0.8 mm	0.028 - 0.032 in.
Ignition Timing	17° BTDC @1 250 r/min (rpm) ~ 27° BTDC @3 000 r/min (rpm)	
Carburetor		
Idle Speed	1 250 ±100 r/min (rpm) - in water 1 800 ±100 r/min (rpm) - out of water	
Compression Pressure	941 kPa (9.6 kg/cm <sup>2</sup> ) @445 r/min (rpm)	137 psi

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<b>Drive System:</b> Coupling Jet Pump:   Type Thrust Steering Braking	Direct drive from engine Axial flow, single stage 364 kg Steerable nozzle Water drag	803 lb
<b>*Performance:</b> Minimum Turning Radius Fuel Consumption Cruising Range	4.0 m 46 L/h @full throttle 106 km @full throttle 1 hour and 8 minutes	13.1 ft 12.2 gal/hr (U.S.) 65.9 mi
<b>Dimensions:</b> Length Width Height Dry Weight Fuel Tank Capacity	2 760 mm 1 070 mm 999 mm 265 kg 52 L including 7 L reserve	108.7 in. 42.1 in. 39.3 in. 584 lb 13.7 gal (U.S.) incl. 1.8 gal reserve
<b>Engine Oil:</b> Type Oil Tank Capacity	2-stroke, N.M.M.A. Certified for Service TC-W II or TC-W 3 3.3 L	3.5 qt (U.S.)
<b>Electrical Equipment:</b> Battery	12 V 18 Ah	

\* The information shown here represents results under controlled conditions, and the information may not be correct under other conditions.