



**GENERAL SPECIFICATIONS**

Item	Unit	Model	
		115TR	130TR
<b>DIMENSION</b>			
Overall length	mm (in)	808 (31.8)	
Overall width	mm (in)	582 (22.9)	
Overall height			
(L)	mm (in)	1,472 (58.0)	
(X)	mm (in)	1,599 (63.0)	
Boat transom height			
(L)	mm (in)	508 (20.0)	
(X)	mm (in)	635 (25.0)	
<b>WEIGHT</b>			
(without propeller)			
(L)	kg (lb)	163 (359.0)	
(X)	kg (lb)	167 (368.0)	
<b>PERFORMANCE</b>			
Maximum output	kW (hp) @ r/min	84.6 (115) 5,000	95.6 (130) 5,500
Full throttle operating range	r/min	4,500 - 5,500	5,000 - 6,000
Maximum fuel consumption	L (US gal, Imp gal)/hr @ r/min	49 (12.9, 10.8) 5,500	56 (14.8, 12.3) 5,800
<b>POWER UNIT</b>			
Type		2 stroke - V	
Number of cylinders		4	
Displacement	cm <sup>3</sup> (cu. in)	1,730 (105.6)	
Bore × stroke	mm (in)	90.0 × 68.0 (3.54 × 2.68)	
Compression ratio		6.5	6.8 (1, 2 cylinders) 6.5 (3, 4 cylinders)
Compression pressure	kPa (kg/cm <sup>2</sup> )	941 (9.41)	1,030 (10.3)
Spark plugs (NGK)		BR8HS-10	BR9HS-10
Number of carburetors		2	
Enrichment system		Choke valve	
Intake system		Reed valve	
Induction system		Loop charge	
Exhaust system		Through propeller boss	
Lubrication system		Oil injection	
Cooling system		Water	
Ignition system		CDI	
Starting system		Electric	
Advance type		Mechanical	



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<b>FUEL AND OIL</b>			
Fuel type		Unleaded regular gasoline	
Fuel rating	*RON	91	
	PON	86	
Engine oil type		2-stroke outboard motor oil	
Engine oil grade		TC-W3	
Engine oil capacity (engine oil tank)	L (US qt, Imp qt)	0.9 (0.95, 0.79)	
(sub-oil tank)	L (US qt, Imp qt)	10.5 (11.1, 9.2)	
Gear oil type		Hypoid gear oil SAE 90	
Gear oil total quantity	cm <sup>3</sup> (US oz, Imp oz)	785 (26.5, 27.7)	
<b>BRACKET</b>			
Trim angle (at 12° boat transom)	Degree	-4 - 16	
Tilt-up angle	Degree	70	
Steering angle	Degree	35 + 35	
<b>DRIVE UNIT</b>			
Gear shift positions		F-N-R	
Gear ratio		2.00 (26/13)	
Reduction gear type		Spiral bevel gear	
Clutch type		Dog clutch	
Propeller shaft type		Spline	
Propeller direction (rear view)		Clockwise	

\* RON: Research Octane Number

PON: Pump Octane Number = (RON + Motor Octane Number)/2