

GENERAL SPECIFICATIONS

Item	Unit	Model	
		150TR	V150TR
DIMENSION			
Overall length	mm (in)	823 (32.4)	
Overall width	mm (in)	577 (22.7)	
Overall height			
(L)	mm (in)	—	1,637 (64.4)
(X)	mm (in)	1,742 (68.6)	—
Boat transom height			
(L)	mm (in)	—	508 (20.0)
(X)	mm (in)	635 (25.0)	—
WEIGHT			
(without propeller)			
(L)	kg (lb)	—	190 (419)
(X)	kg (lb)	194 (428)	—
PERFORMANCE			
Maximum output	kW (hp) @ 5,000 r/min	110.3 (150)	
Full throttle operating range	r/min	4,500 - 5,500	
Maximum fuel consumption	L (US gal, Imp gal)/hr @ 5,500 r/min	69 (18.2, 15.2)	75 (19.8, 16.5)
POWER UNIT			
Type		2 stroke	
Number of cylinders		V6	
Displacement	cm ³ (cu. in)	2,596 (158.4)	
Bore × stroke	mm (in)	90.0 × 68.0 (3.54 × 2.68)	
Compression ratio		6.2	5.9
Spark plugs		BR7HS-10 (NGK)	
Number of carburetors		3	
Enrichment system		Choke valve	
Intake system		Reed valve	
Induction system		Loop charge	
Exhaust system		Through prop boss	
Lubrication system		Oil injection	
Cooling system		Water	
Ignition system		Microcomputer (CDI)	
Starting system		Electric	
Advance type		Mechanical and microcomputer	



Item	Unit	Model	
		150TR	V150TR
FUEL AND OIL			
Fuel type		Unleaded regular gasoline	
Fuel rating	RON ^(*1) PON	91	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 ³ (US oz, Imp oz)	980 (33.1, 34.5)	
BRACKET			
Trim angle (at 12° boat transom)	Degree	-4 - 16	
Tilt-up angle	Degree	70	
Steering angle	Degree	35 + 35	
DRIVE UNIT			
Gear shift positions		F-N-R	
Gear ratio		1.86 (26/14)	2.00 (28/14)
Reduction gear type		Spiral bevel gear	
Clutch type		Dog clutch	
Propeller shaft type		Spline	
Propeller direction (rear view)		Clockwise	
Propeller mark		M	
ELECTRICAL			
Battery minimum capacity ^(*2)			
CCA/SAE	A	380	
MCA/ABYC	A	502	
RC/SAE	Minute	124	

(*1) RON: Research Octane Number
 PON: Pump Octane Number = (RON + Motor Octane Number)/2
 (*2) CCA: Cold Cranking Ampere
 MCA: Marine Cranking Ampere
 ABYC: American Boat and Yacht Council
 SAE: Society of Automotive Engineers
 RC: Reserve Capacity