

GENERAL SPECIFICATIONS

Item	Unit	Model	
		40TR	50TR
DIMENSION:			
Over-all length	mm (in)	646 (25.4)	670 (26.4)
Over-all width	mm (in)	350 (13.8)	360 (14.2)
Over-all height	L mm (in)	1,319 (51.9)	
Boat transom height	L mm (in)	508 (20.0)	
WEIGHT:			
(without propeller)	L kg (lb)	86 (190)	
PERFORMANCE:			
Output (ISO)	kW (hp)/rpm	29.4 (40)/5,000	36.8 (50)/5,000
Full throttle operating range	rpm	4,500 ~ 5,500	
Maximum fuel consumption	L (US gal, Imp gal)/h at rpm	18.5 (4.9, 4.1) at 5,500	22 (5.8, 4.8) at 5,500
ENGINE:			
Type		2 stroke - L	
Number of cylinder		3	
Total displacement	cm ³ (cu. in)	698 (42.6)	
Bore × Stroke	mm (in)	67.0 × 66.0 (2.64 × 2.60)	
Compression ratio		6.00	
Number of carburetor		3	
Intake system		Reed valve	
Scavenging system		Loop charge	
Control system		Remote control	
Starting system		Electric	
Ignition system		CDI	
Alternator output		6A	
Enrichment system		Prime start	
Advance type		Electric automatic	
Spark plug (NGK)		B7HS-10	B8HS-10
Exhaust system		Through propeller boss	
Cooling system		Water	
Lubrication system		Oil injection	
FUEL AND LUBRICATION:			
Fuel type		Regular gasoline	
Fuel minimum rating	RON ^(*1) PON	90 86	
Engine oil		2-stroke outboard motor oil	
Engine oil tank capacity	L (US qt, Imp qt)	1.5 (1.6, 1.3)	
Gear oil type		Hypoid gear oil-SAE#90	
Gear oil quantity	cm ³ (US oz, Imp oz)	430 (14.5, 15.1)	

(*1) RON: Research Octane Number

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

Item	Unit	Model	
		40TR	50TR
BRACKET:			
Trim/tilt system		Power trim/tilt	
Tilt-up angle	degree	69	
Trim angle	degree at 12° transom	-4 ~ 20	
Steering angle	degree (left + right)	40 + 40	
DRIVE UNIT:			
Gear shift position		F-N-R	
Gear ratio		1.85 (24/13)	
Gear type		Spiral bevel gear	
Clutch type		Dog clutch	
Propeller direction		Clockwise	
Propeller drive system		Spline	
Propeller mark		G	
ELECTRICAL:			
Battery minimum capacity ^(*2)			
CCA/SAE	A	245	
MCA/ABYC	A	323	
RC/SAE	Minute	52	

(*2) CCA: Cold Cranking Ampere
MCA: Marine Cranking Ampere
ABYC: American Boat and Yacht Council
SAE: Society of Automotive Engineers
RC: Reserve Capacity