

General specifications

Item	Unit	Model	
		Z250TR	LZ250TR
Dimension			
Overall length	mm (in)	868 (34.2)	
Overall width	mm (in)	568 (22.4)	
Overall height			
(X)	mm (in)	1,830 (72.0)	
(U)	mm (in)	1,957 (77.0)	
Boat transom height			
(X)	mm (in)	635 (25.0)	
(U)	mm (in)	762 (30.0)	
Weight			
(with stainless propeller)			
(X)	kg (lb)	252 (556)	
(U)	kg (lb)	257 (567)	
Performance			
Maximum output	kW (hp)	183.9 (250) at 5,000 r/min	
Full throttle operating range	r/min	4,500 to 5,500	
Maximum fuel consumption	L (US gal, Imp gal)/hr	74 (19.6, 16.3) at 5,500 r/min	
Idle speed	r/min	670–730	
Power unit			
Type		2-stroke, 76°, V6, HPDI	
Total displacement	cm ³ (cu. in)	3,342 (203.9)	
Bore × stroke	mm (in)	93 (3.66) × 82 (3.23)	
Compression ratio		6.2	
Control system		Remote control	
Starting system		Electric starter	
Enrichment system		Fuel injection	
Ignition control system		TCI	
Ignition timing	Degree	Cylinder #1: ATDC 9–BTDC 19	
Maximum generator output	V, A	12, 50	
Spark plug		BKR7EKU (NGK)	
Cooling system		Water	
Exhaust system		Propeller boss	
Lubrication system		Oil injection	

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		Z250TR	LZ250TR
Fuel and oil		Regular unleaded gasoline	
Fuel type		Regular unleaded gasoline	
Fuel minimum rating	RON ^(*1)	90	
	PON	86	
Engine oil ^(*2)		YAMALUBE 2-stroke outboard motor oil	
Engine oil tank capacity		YAMALUBE 2-stroke outboard motor oil	
Oil tank	L (US gal, Imp gal)	1.2 (0.32, 0.26)	
Remote oil tank	L (US gal, Imp gal)	10.5 (2.77, 2.31) 18.0 (4.76, 3.96)	
Gear oil type		GEAR CASE LUBE	
Gear oil grade	SAE	90	
Gear oil quantity	cm ³ (US oz, Imp oz)	1,150 (38.9, 40.5)	1,000 (33.8, 35.2)
Bracket unit			
Trim angle (at 12° boat transom)	Degree	-3 to 16	
Tilt-up angle	Degree	70	
Steering angle	Degree	30 + 30	
Drive unit			
Gear shift positions		F-N-R	
Gear ratio		1.81 (29/16)	
Reduction gear type		Spiral bevel gear	
Clutch type		Dog clutch	
Propeller shaft type		Spline	
Propeller direction (rear view)		Clockwise	Counterclockwise
Propeller ID mark		T, M	TL, ML
Electrical			
Battery minimum capacity ^(*3)			
CCA/SAE	A	512	
MCA/ABYC	A	675	
RC/SAE	Minute	182	
CCA/EN	A	711	
20HR/IEC	Ah	100	

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

(*2) If 2-stroke outboard motor oil is not available, a 2-stroke NMMA-certified TC-W3 oil of equivalent quality must be used.

(*3) CCA: Cold Cranking Ampere
 MCA: Marine Cranking Ampere
 ABYC: American Boat and Yacht Council
 SAE: Society of Automotive Engineers
 RC: Reserve Capacity
 EN: European Norm (European standard)
 IEC: International Electrotechnical Commission

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