

**General specifications**

Item	Unit	Model	
		Z250TR	LZ250TR
<b>Dimension</b>			
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)	
<b>Weight</b>			
(with stainless propeller)			
(X)	kg (lb)	252 (556)	
(U)	kg (lb)	257 (567)	
<b>Performance</b>			
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	
<b>Power unit</b>			
Type		2-stroke, 76°, V6, HPDI	
Total displacement	cm <sup>3</sup> (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
<b>Fuel and oil</b>		Regular unleaded gasoline	
Fuel type		90	
Fuel minimum rating	RON <sup>(*1)</sup>	86	
Engine oil <sup>(*2)</sup>	PON	YAMALUBE 2-stroke outboard motor oil	
Engine oil tank capacity		1.2 (0.32, 0.26)	
Oil tank	L (US gal, Imp gal)	10.5 (2.77, 2.31)	
Remote oil tank	L (US gal, Imp gal)	18.0 (4.76, 3.96)	
Gear oil type		GEAR CASE LUBE	
Gear oil grade	SAE	90	
Gear oil quantity	cm <sup>3</sup> (US oz, Imp oz)	1,150 (38.9, 40.5)	1,000 (33.8, 35.2)
<b>Bracket unit</b>			
Trim angle (at 12° boat transom)	Degree	-3 to 16	
Tilt-up angle	Degree	70	
Steering angle	Degree	30 + 30	
<b>Drive unit</b>			
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
<b>Electrical</b>			
Battery minimum capacity <sup>(*3)</sup>			
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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