

# Quick Reference Guide

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# General Information

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## 1-4 GENERAL INFORMATION

### Model Identification

#### KR250-B1



#### KR250-B2



# General Specifications

Items	KR250-B1	KR250-B2
<b>Dimensions:</b>		
Overall length	Ⓐ 2 005 mm, Ⓢ 1 945 mm	2 015mm, Ⓔ ① 2 035 mm
Overall width	690 mm	←
Overall height	1 115 mm	←
Wheelbase	1 365 mm	←
Road clearance	125 mm	←
Seat height	750 mm	←
Dry weight	123 kg	←
Curb weight: Front	70 kg	←
Rear	76 kg	←
Fuel tank capacity	16.0 L	←
<b>Performance:</b>		
Braking distance	12.5 m from 50 km/h	
Minimum turning radius	3.2 m	
<b>Engine:</b>		
Type	2-stroke, Crankcase Reed Valve, 2-cylinder	
Cooling system	Liquid-cooled	
Bore and stroke	56.0 x 50.6 mm	
Displacement	249 mL	
Compression ratio	7.4	
Maximum horsepower	40.5 kW (55 PS) @10 500 r/min (rpm)	
Maximum torque	36.8 N-m (3.75 kg-m, 27.1 ft-lb) @10 500 r/min (rpm)	
Carburetion system	Carburetors, Keihin PWK28 x 2	
Starting system	Primary kick	
Ignition system	CDI	
Timing advance	Electronically advanced	
Ignition timing	From 13.5° BTDC @1 200 r/min (rpm) to 25° BTDC @5 600 r/min (rpm)	
Spark plug	NGK BR9ES, ND W27ESR	
Valve timing:		
Inlet	Open	
	Close	
	Duration	

## 1-6 GENERAL INFORMATION

Items		KR250-B1	KR250-B2	
Exhaust	Open	93° BBDC	←	
	Close	93° ABDC	←	
	Duration	186°	←	
Scavenging	Open	63° BBDC	←	
	Close	63° ABDC	←	
	Duration	126°	←	
Lubrication system		Superlube (oil injection)	←	
Engine oil:				
Type		2-stroke oil	←	
Capacity		1.2 L	←	
Drive Train:				
Primary reduction sytem:				
Type		Gear	←	
Reduction ratio		2.541 (61/24)	←	
Clutch type		Wet multi disc	←	
Transmission:	Type	6-speed, constant mesh, return shift	←	
	Gear ratios:	1st	2.533 (38/15)	←
		2nd	1.727 (38/22)	←
		3rd	1.315 (25/19)	←
		4th	1.086 (25/23)	←
		5th	0.962 (26/27)	←
		6th	0.862 (25/29)	←
Final drive system:				
Type		Chain drive	←	
Reduction ratio		2.666 (40/15), (S) 2.928 (41/14)	←	
Overall drive ratio		5.842 @Top gear, (S) 6.416 @Top gear	←	
Transmission oil				
Grade		SE class	←	
Viscosity		SAE 10W30 or 10W40	←	
Capacity		0.85 L	←	
Frame:				
Type		Tubular, diamond	←	
Caster (rake angle)		24°	←	
Trail		93 mm	←	
Front tire:	Type	Tubeless	←	
	Size	100/70 R17 48H	100/70 R17 49H	