

Design Specifications

European Model

	ITEMS	METRIC	ENGLISH	NOTES
DIMENSIONS	Overall Length	3,755 mm	147.8 in.	with bumper guard
	Overall Width	3,780 mm	148.8 in.	
	Overall Height	1,630 mm	64.2 in.	
	Wheelbase	1,290 mm	50.8 in.	
	Tread Front/Rear	2,200 mm	86.6 in.	
	Ground Clearance	1,400/1,415 mm	55.1/55.7 in.	
	Seating Capacity	150 mm	5.9 in.	
	4 2 (KS and Norway)			
WEIGHTS	Engine Weight	105kg	232 lb.	Excludes transmission
	Curb Weight	895 kg	1,973 lb.	
		905 kg (KS)	1,996 lb.	
		900 kg (Finland, Norway)	1,985 lb.	
	Weight Distribution (F/R)	555/340 kg	1,224/750 lb.	
		565/340 kg (KS)	1,246/750 lb.	
		560/340 kg (Finland, Norway)	1,235/750 lb.	
	Max. Permissible Weight (EC)	1,270 kg	2,800 lb.	
		1,220 kg (KS)	2,690 lb.	
	Carrying (loading) Weight	45 kg	99 lb.	
CAPACITIES	Engine Oil:			
	drain and refill (with filter)	3.5 ℓ	3.7 US qt, 3.1 Imp qt	
	initial fill	4.0 ℓ	4.2 US qt, 3.4 Imp qt	
	Transmission Oil:			
	drain and refill	2.3 ℓ	2.4 US qt, 2.0 Imp qt	
	initial fill	2.4 ℓ	2.5 US qt, 2.1 Imp qt	
	Fuel Tank	41 ℓ	10.8 US gal, 9.0 Imp gal	
Cooling System/Drain and Refill Radiator	5.6/4.5 ℓ	5.8/4.8 US qt, 4.8/4.0 Imp gal		
ENGINE	Type	Water cooled, 4-cycle D.O.H.C. 16 valves		OPEN measurement begins CLOSE measurement ends at point where valve reaches 1 mm lift.
	Cylinder Arrangement	4-cylinder in-line, transverse		
	Bore and Stroke	75 x 90 mm	2.95 x 3.54 in.	
	Compression Ratio	9.3 : 1		
	Displacement	1,590 cm³	97 cu in.	
	Valve Train	Timing belt driven, double overhead camshaft		
	Lubrication System	Trochoid pump		
	Fuel Required	Super or premium grade gasoline with 97 Research Octane Number or higher.		
	Valve Timing			
	Intake	OPEN 11° ATDC		
	CLOSE	36° ABDC		
	Exhaust	OPEN 35° BBDC		
CLOSE	13° BTDC			
TRANSMISSION	Clutch	Single plate dry, diaphragm spring		
	Transmission	Synchronized 5 forward 1 reverse		
	Primary Reduction	Direct 1 : 1		
	Gear Ratio			
	1st	3.181		
	2nd	1.944		
	3rd	1.347		
	4th	1.033		
	5th	0.878		
	Reverse	2.916		
Final Reduction	Single helical gear, 3.866			
Clutch Lining Area	160 cm²	24.8 sq. in.		
STEERING	Gear Type	Rack and Pinion (Variable)		
	Overall Ratio	21.1 (19.2—21.7) 20.4 (18.3—21.7) (KE only)		
	Steering Wheel Diameter	370 x 360 mm	14.6 x 14.2 in.	
SUSPENSION	Front	Independent, Strut, Torsion bar spring		
	Rear	Rigid axle, Trailing arm, Coil spring		
WHEEL ALIGNMENT	Camber	Front/Rear -0°10' / -0°45'		
	Caster	2°55'		
	Toe-in	0 mm	0 in.	
	Front	2 mm	0.08 in.	
	Rear			
Steering Axis Inclination	12°55'			
BRAKES	Type, Front	Power assisted ventilated disc		
	Type, Rear	Power assisted drum		
	Lining Surface Area Front/Rear	43.3/50.2 cm²	7.1/7.8 sq. in.	
	Effective Disc Diameter	194 mm	7.6 in.	
	Brake Drum I.D.	180 mm	7.1 in.	
	Parking Brake Type	Mechanical expanding, rear two wheel brakes		
TIRES	Size	185/60 R14 82H, 185/60VR14 (KG only)		

(cont'd)

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	ITEMS	METRIC	ENGLISH	NOTES
ELECTRICAL	Battery	12 V—45 AH		KE and KF
	Starter	12 V—47 AH		
	Alternator	12 V—1.4 kW		
	Fuses	12 V—60 amps		
	Main Fuses	12 A x 3, 15 A x 5, 10 A x 9		
	Headlights	55 A x 1, 45 A x 2 30 A x 1 (Sunroof)		
	Front Turn Signal Lights	12 V—60/55 W		
	Position Lights	12 V—21 W		
	Side Turn Signal Lights	12 V—5 W		
	Interior Light	12V—5W		
	Rear Turn Signal Lights	12 V—8 W		
	Stop/Tailights	12 V—21 W		
	Luggage area Light	12 V—21/5 W		
	Back-up Lights	12 V—3.4 W		
	License Lights	12 V—21 W		
	Rear Fog Lights	12 V—5 W		
		12 V—21 W		

KY Model

NOTE: Only the design specifications for models below different from those of the European model are listed. For the other items not given here, refer to the European Model design specification.

	ITEMS	METRIC	ENGLISH	NOTES	
DIMENSIONS	Overall Length	3,675 mm	144.7 in.		
	Overall Width	1,625 mm	63.9 in.		
	Overall Height	1,315 mm	51.8 in.		
	Ground Clearance	185 mm	7.3 in.		
	Seating Capacity	2			
WEIGHTS	Engine Weight	90kg	198 lb.	Excludes transmission	
	Curb Weight	825 kg	1,819 lb.		
	Weight Distribution (F/R)	505/320 kg	1,114/706 lb.		
GAPACITIES	Transmission Oil: initial fill	2.5 ℓ	2.6 US qt, 2.2 Imp qt		
ENGINE	Type	Water cooled, 4-cycle O.H.C.		OPEN measurement begins CLOSE measurement ends at point where valve reaches 1 mm lift.	
	Cylinder Arrangement	4-cylinder in-line, transverse			
	Bore and Stroke	74 x 86.5 mm	2.91 x 34.1 in.		
	Compression Ratio	8.7 : 1			
	Displacement	1,488 cm³	91 cu in.		
	Valve Train	Timing belt driven, single overhead camshaft			
	Lubrication System	Trochoid pump			
	Fuel Required	Low-lead or regular gasoline with 91 Research Octane Number or higher.			
	Valve Timing				
	Intake	OPEN CLOSE	10° ATDC 20° ABDC		
Exhaust	OPEN CLOSE	25° BBDC 10° BTDC			
TRANS MISSION	Gear Ratio	1st 2nd 3rd 4th 5th Reverse Final Reduction	2.916 1.764 1.192 0.866 0.718 2.916 Single helical gear, 4.250		
	Clutch Lining Area	147 cm²	22.9 sq. in.		
	STEERING	Gear Type	Rack and Pinion		
		Overall Ratio	19.5 : 1		
		Turns, lock-to-lock	4.1		
		Steering Wheel Diameter	370 x 360 mm		14.6 x 14.2 in.
	WHEEL ALIGNMENT	Camber Front and Rear	2°20' / -0°45'		
		Caster	2°15'		
	BRAKES	Type, Front	Power assisted solid disc		
		Linig Surface Area Front/Rear Effective Disc Diameter	36/50.2 cm² 190 mm		5.6/7.8 sq. in. 7.5 in.
TIRES	Size	165 SR13			
ELECTRICAL	Battery	12V—45AH			
	starter	12V—1.0 kW			
	Alternator	12V—55 amps			
	Fuses	10A, 15A, 20A			
	Main Fuse	45A, 65A			