

# Design Specifications

	ITEMS	METRIC	ENGLISH	NOTES
<b>DIMENSIONS</b>	Overall Length	3,755 mm	147.8 in.	
	Overall Width	3,795 mm	149.4 in.	
	Overall Height	1,675 mm	65.9 in.	KQ, KY except KQ, KY
	Wheel Base	1,670 mm	65.7 in.	
	Track, Front/Rear	1,270 mm	50.0 in.	
	Ground Clearance	1,280 mm	50.4 in.	KY
	Overhang, Front/Rear	2,300 mm	90.6 in.	
	With bumper guard	1,450/1,455 mm	57.1/57.3 in.	except KQ, KY
		1,445/1,455 mm	56.9/57.3 in.	KY
		1,450/1,455 mm	57.1/57.3 in.	KQ
<b>WEIGHTS</b>	Engine Weight (Wet)	107 kg	236 lb.	
	SOHC	113 kg	249 lb.	
	DOHC	925 kg	2,040 lb.	
	Curb Weight	910 kg	2,062 lb.	KX
	DOHC without CATA	905 kg	2,007 lb.	KY
	DOHC with CATA	900 kg	1,985 lb.	KB
		925 kg	2,039 lb.	KW (E, DK)
		920 kg	2,028 lb.	KG, KX
		915 kg	2,017 lb.	KS
		909 kg	2,004 lb.	KW (A)
Weight Distribution (Front/Rear)	935 kg	2,062 lb.	KQ	
SOHC			KY	
DOHC without CATA	570/355 kg	1,257/783 lb.	KX	
DOHC with CATA	560/350 kg	1,235/772 lb.	KB	
	560/355 kg	1,235/782 lb.	KF, KE	
	560/340 kg	1,235/750 lb.	KW (E, DK)	
	570/355 kg	1,257/783 lb.	KG, KX	
	565/355 kg	1,246/783 lb.	KS	
	560/355 kg	1,235/783 lb.	KW (A)	
	556/353 kg	1,226/778 lb.	KQ	
SOHC	570/365 kg	1,257/805 lb.	KY	
Max. Permissible Weight (EC)	1,290 kg	2,844 lb.	except KS	
Max. Loaded Vehicle Weight	1,140 kg	2,513 lb.	KS	
	1,190 kg	2,623 lb.	KY	
<b>ENGINE</b>	Type	Water cooled 4-cycle S.O.H.C. Water cooled 4-cycle D.O.H.C.		
	Cylinder arrangement	4-cylinder in-line, transverse		
	Bore and Stroke	75×90 mm	2.95×3.54 in.	
	Displacement	1,590 cm <sup>3</sup> (cc)	97 cu. in.	
	Compression Ratio			
	Without Catalytic Converter		9.1	
	With catalytic Converter		9.5	
	Valve Train	4 valves per cylinder, single or double overhead camshafts		
	Lubrication System	Pressure feed		
	Fuel Required	Unleaded gasoline with 95 research octane number or higher		
DOHC with Catalytic Converter	Unleaded gasoline with 91 research octane number or higher			
SOHC with Catalytic Converter	Leaded gasoline with 97 research octane number or higher			
Without Catalytic Converter				

	ITEMS	METRIC	ENGLISH	NOTES	
<b>STARTER</b>	Type	Gear reduction			
	Normal Output	1.2 kW, 1.4 kW			
	Normal Voltage	12V			
	Hour Rating	30 seconds			
	Direction of Rotation	Clockwise as viewed from gear end			
	Weight				
	1.2 kW ND	3.85 kg	8.5 lb.		
	1.4 kW MITSUBA	3.7 kg	8.2 lb.		
<b>TRANSMISSION</b>	Clutch	Single plate dry, diaphragm spring			
	Transmission Type	5 speed forward, synchromesh, 1 speed reverse, constant mesh			
	Primary Reduction	1.000			
	Gear Ratio	SOHC	DOHC		
	1st	3.250	3.250		
	2nd	1.894	1.944		
	3rd	1.259	1.346		
4th	0.937	1.033			
5th	0.771	0.878			
Reverse	3.153	3.153			
Final Reduction	SOHC	Single helical gear, 4.250			
	DOHC	Single helical gear, 3.888			
Clutch Facing Area		160 cm <sup>2</sup>	24.8 sq. in.		
<b>AIR CONDITIONER</b>	Cooling Capacity	3,850 Kcal/h			
	Conditions:				
	Compressor Revolution Speed	1,800 min <sup>-1</sup> (rpm)			
	Outside Air Temperature	27.0°C	81°F		
	Outside Air Humidity	50%			
	Condenser Air Temperature	35°C	95°F		
	Condenser Air Velocity	4.5 m/sec.	14.8 ft/sec.		
	Blower Capacity	440 m <sup>3</sup> /h	15,118 cu. ft/h		
	Compressor (MATSUSHITA)	Type	Vane rotary type		
		Number of Vane	3		
	Displacement	130cc/rev.	7.93 cu. in. /rev		
	Max. speed	7,500 min <sup>-1</sup> (rpm)			
	Lubricant Capacity	130 cc	7.93 cu. in.		
Receiver Dryer With Desiccant		Includes fusible safety plug.			
Condenser		Corrugated fin type			
Evaporator		Corrugated fin type			
Blower	Type	Sirocco fan			
	Motor Input	170 W (12 V)			
	Speed Control	4 speed			
	Max. Capacity	390 m <sup>3</sup> /h	13,773 cu. ft/h		
Temp. Control		Air-mix type			

(cont'd)

# Design Specifications

	ITEMS		METRIC	ENGLISH	NOTES
AIR CONDITIONER (cont'd)	Comp. Clutch	Type Power Consumption	Dry, single plate, V-belt 32 W max. 12 V		
	Refrigerant	Type Quantity	0.9±0.05 kg	R-12 1.98±0.11 lb	
STEERING SYSTEM	Type		Rack and pinion		
	Overall Ratio	Manual Power	19.8 (18-20.4): 1 17.7: 1		
	Turns, Lock-to-lock	Manual Power	4.1 3.65		
	Steering Wheel Diameter		370 mm	14.6 in.	
SUSPENSION SYSTEM	Type	Front/Rear	Independent by double wishbones, coil springs		
	Shock Absorber	Front Rear	Telescopic, nitrogen gas-filled Telescopic, nitrogen gas-filled		
WHEEL ALIGNMENT	Wheel Alignment				
	Camber	Front Rear	0°00'±1' -0°30'±1'		
	Caster	Front Rear	3°00'±1'		
	Toe-in	Front Rear	0±2 mm 2±1 mm	0±0.08 in. 0.08±0.01 in.	
BRAKE SYSTEM	Type	Front Rear	Power assisted self-adjusting disc Power assisted self-adjusting disc		
	Lining Surface Area	Front Rear	44.1 mm <sup>2</sup> 21.0 mm <sup>2</sup>	6.84 sq. in. 3.25 sq. in.	
	Effective Disc Diameter	Front Rear	194 mm 208 mm	7.64 in. 8.19 in.	
	Parking Brake Kind and Type		Mechanically actuating, rear two wheel brakes		
TIRES	Front/Rear	SOHC (KY) DOHC	185/60 R14 82H 185/60 VR14 T105/80D 13		
	Spare (EC)				
ELECTRICAL	Battery		12V-47AH 12V-45AH		KE, KF  20A*: Finland, Norway only
	Starter		12V-1.2 kW, 1.4 kW		
	Alternator		12V-60 amps		
	Fuses	In the dash fuse box In the main fuse box	10A, 15A, 20A*, 30A 10A, 15A, 20A, 50A, 60A		
	Headlights High/Low		12V-60/55W		
	Front Turn Signal Lights		12V-21W		
	Rear Turn Signal Lights		12V-21W		
	Side Turn Signal Lights		12V-5W		
	Stop/Taillights		12V-21/5W		
	Back-up Lights		12V-21W		
	License Plate Lights		12V-5W		
	Gauge Lights		12V-3.4W, 3.0W, 1.4W		
	Indicator Lights		12V-1.4W		
	Warning Lights		12V-5W		
	Dome Light		12V-5W		
	Trunk Light		12V-3.4W		
	Illumination and Pilot Lights		12V-1.4W		
	Heater Illumination Lights		0.91W, 0.84W, LED 12V-1.4W		