

Design Specifications

	ITEMS	METRIC	ENGLISH	NOTES	
DIMENSIONS	Overall Length	3,775 mm	148.6 in.	KQ, KY except KQ, KY	
		3,780 mm	148.8 in.		
	With registration plate guard	3,790 mm	149.2 in.		
	Overall Width	1,675 mm	65.9 in.	KQ, KY except KQ, KY	
		1,670 mm	65.7 in.		
	Overall Height	1,270 mm	50.0 in.	KQ KY	
		1,265 mm	49.8 in.		
		1,280 mm	50.4 in.		
	Wheel Base	2,300 mm	90.6 in.	except KQ, KY KY	
	Track, Front/Rear	1,450/1,455 mm	57.1/57.3 in.		
1,445/1,455 mm		56.9/57.3 in.			
Ground Clearance	1,450/1,455 mm	57.1/57.3 in.	KQ Without Catalytic Converter With Catalytic Converter		
	160 mm	6.3 in.			
	150 mm	5.9 in.			
Overhang, Front/Rear	785/695 mm	30.9/27.4 in.	} Including bumper } Including bumper SF		
	With registration plate guard	795/695 mm		31.3/27.4 in.	
WEIGHTS	Engine Weight (Wet)			KB	
	1.6 ℓ SOHC	107 kg	236 lb.		
	1.6 ℓ DOHC	113 kg	249 lb.		
	1.4 ℓ	98 kg	216 lb.	KB, KF, KE KG, KX KS KW (A) KQ KY KB KB	
	Curb Weight	1.6 ℓ DOHC without CATA	940 kg		2,073 lb.
		1.6 ℓ DOHC with CATA	940 kg		2,073 lb.
			935 kg		2,062 lb.
		930 kg	2,051 lb.		
		995 kg	2,194 lb.		
	1.6 ℓ SOHC	975 kg	2,149 lb.		
	1.4 ℓ 5 M/T	900 kg	1,984 lb.		
	4 A/T	920 kg	2,029 lb.		
	Weight Distribution (Front/Rear)	1.6 ℓ DOHC without CATA	580/360 kg		1,279/794 lb.
		1.6 ℓ DOHC with CATA	580/360 kg	1,279/794 lb.	
			575/360 kg	1,268/794 lb.	
		570/360 kg	1,257/794 lb.		
		580/365 kg	1,279/805 lb.		
	1.6 ℓ SOHC	614/361 kg	1,354/796 lb.		
	1.6 ℓ 5 M/T	555/345 kg	1,224/761 lb.		
	4 A/T	575/345 kg	1,268/761 lb.		
Max. Permissible Weight (EC)	1,290 kg	2,844 lb.	except KS KS KY		
Max. Loaded Vehicle Weight	1,140 kg	2,513 lb.			
	1,190 kg	2,623 lb.			
ENGINE	Type	Water cooled 4-cycle S.O.H.C. Water cooled 4-cycle D.O.H.C. 4-cylinder in-line, transverse			
	Cylinder arrangement				
	Bore and Stroke	1.6 ℓ	75×90 mm	2.95×3.54 in.	
		1.4 ℓ	75×79 mm	2.95×3.11 in.	
	Displacement	1.6 ℓ	1,590 cm ³ (cc)	97 cu. in.	
		1.4 ℓ	1,396 cm ³ (cc)	85 cu. in.	
	Compression Ratio	1.6 ℓ Without Catalytic Converter	9.1		
		1.6 ℓ With catalytic Converter	9.5		
		1.4 ℓ	9.3		
	Valve Train	4 valves per cylinder, single or double overhead camshafts			
	Lubrication System	Forced and wet sump.			
	Fuel Required	Unleaded gasoline with 95 R.O.N. or higher Unleaded gasoline with 91 R.O.N. or higher Leaded gasoline with 97 R.O.N. or higher or unleaded gasoline with 95 R.O.N. or higher			

A : Austria, E : Spain, DK : Denmark, SF : Finland

(cont'd)

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	ITEMS	METRIC	ENGLISH	NOTES	
STARTER	Type	Gear reduction			
	Normal Output	1.0 kW, 1.2 kW, 1.4 kW			
	Normal Voltage	12V			
	Hour Rating	30 seconds			
	Direction of Rotation	Clockwise as viewed from gear end			
	Weight	3.4 kg	7.5 lb		
	1.0 kW MITUBA	3.85 kg	8.5 lb.		
	1.0 kW, 1.2 kW ND	3.7 kg	8.2 lb.		
	1.4 kW MITSUBA				
TRANSMISSION	Clutch	M/T	Single plate dry, diaphragm spring		
		A/T	Torque converter with lock-up clutch		
	Clutch Facing Area	1.4 \emptyset M/T	160 cm ²	24.8 sq. in.	
		1.6 \emptyset M/T	176 cm ²	27.3 sq. in.	
	Transmission Type		5-speed forward, synchromesh, 1 reverse, constant mesh		
	Primary Reduction	A/T	4-speed forward, automatic 1 reverse		
			1.000		
	Gear Ratio		1.6 \emptyset SOHC M/T	1.6 \emptyset DOHC M/T	
		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		
	Gear Ratio		1.4 \emptyset M/T	1.4 \emptyset A/T	
	1st	3.250	2.705		
	2nd	1.894	1.560		
	3rd	1.259	1.027		
	4th	0.937	0.780		
	5th	0.771	---		
	Reverse	3.153	1.954		
	Final Reduction	1.6 \emptyset SOHC M/T	Single helical gear, 4.250		
		1.6 \emptyset DOHC M/T	Single helical gear, 3.888		
		1.4 \emptyset M/T	Single helical gear, 4.250		
		1.4 \emptyset A/T	Single helical gear, 3.933		
AIR CONDITI- TIONER	Cooling Capacity	3,850 Kcal/h			
	Conditions:				
	Compressor Revolution Speed	1,800 min ⁻¹ (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 ³ /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 ⁻¹ (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 ³ /h	13,773 cu. ft/h		
Temp. Control		Air-mix type			

	ITEMS		METRIC	ENGLISH	NOTES
AIR CONDI-TIONER (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 Overall Ratio	Manual Power	Rack and pinion 19.8 (18-20.4): 1 17.7: 1		() : Variable ratio
	Turns, Lock-to-lock	Manual Power	4.1 3.65		
SUSPENSION SYSTEM	Steering Wheel Diameter		370 mm	14.6 in.	
	Type Shock Absorber	Front/Rear Front Rear	Independent by double wishbones, coil springs Telescopic, nitrogen gas-filled Telescopic, nitrogen gas-filled		
WHEEL ALIGNMENT	Wheel Alignment				
	Camber	Front Rear	0°00' ± 1° -0°30' ± 1°		
BRAKE SYSTEM	Caster	Front Rear	0 ± 2 mm 2 ± 1 mm		0 ± 0.08 in. 0.08 ± 0.04 in.
	Toe-in	Front Rear			
TIRES	Type	Front Rear	Power assisted self-adjusting disc Power assisted self-adjusting disc Power assisted self-adjusting drum		KB
	Lining Surface Area	Front Rear	44.1 mm ² 36.8 mm ² 21.0 mm ² 50.2 mm ²	6.84 sq. in. 5.70 sq. in. 3.25 sq. in. 7.78 sq. in.	
ELECTRICAL	Effective Disc Diameter	Front Rear	1.6 ± 1.4 1.4 ± 1.6	194 mm 190 mm 208 mm 180 mm	7.64 in. 7.48 in. 8.19 in. 7.09 in.
	Brake Drum ID	Front Rear	1.6 ± 1.4 1.4 ± 1.6		
TIRES	Parking Brake Kind and Type		Mechanically actuating, rear two wheel brakes		
	Front/Rear	1.6 ± SOHC (KY), 14 ± (KB) 1.6 ± DOHC (except KO) 1.6 ± DOHC (KQ)	185/60 R14 82H 185/60 VR14 185/60R14 82 V T105/80D 13 T 135/70 D 15		
ELECTRICAL	Spare	except KE with ALB KE with ALB			
	Battery		12V-47AH 12V-45AH		European General
ELECTRICAL	Starter		12V-1.2 kW, 1.4 kW		20A*: Finland, Norway only
	Alternator		12V-60 amps		
ELECTRICAL	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		
ELECTRICAL	Front Turn Signal Lights		12V-21W		
	Rear Turn Signal Lights		12V-21W		
ELECTRICAL	Side Turn Signal Lights		12V-5W		
	Stop/Taillights		12V-21/5W		
ELECTRICAL	Back-up Lights		12V-21W		
	License Plate Lights		12V-5W		
ELECTRICAL	Gauge Lights		12V-3.4W, 3.0W, 1.4W		
	Indicator Lights		12V-1.4W		
ELECTRICAL	Warning Lights		12V-5W		
	Dome Light		12V-5W		
ELECTRICAL	Trunk Light		12V-3.4W		
	Illumination and Pilot Lights		12V-1.4W		
ELECTRICAL	Heater Illumination Lights		0.91W, 0.84W, LED 12V-1.4W		