

# Design Specifications

	ITEMS	METRIC	ENGLISH	NOTE
DIMENSIONS	Overall Length	4,510 mm	177.6 in.	KQ except KQ
	Overall Width	1,710 mm	67.3 in.	
		1,695 mm	66.7 in.	
	Overall Height	1,295 mm	51.0 in.	
	Wheelbase	2,565 mm	101.0 in.	
	Track F/R	1,480/1,470 mm	58.3/57.9 in.	
	Ground Clearance	145 mm	5.7 in.	Includes bumper
	Seating Capacity		Four	
	Overhang F/R	905/1,040 mm	35.6/40.9 in.	

## European Model

WEIGHT	Curb weight				
	2.0 Carbureted without CATA				
		5M/T	1,100 kg	2,425 lb	KF, KB, KW
			1,105 kg	2,436 lb	KE
		4A/T	1,120 kg	2,469 lb	KF, KB, KW
			1,125 kg	2,480 lb	KE
	2.0 Carbureted with CATA				
		5M/T	1,115 kg	2,458 lb	KX, KW, KS
			1,110 kg	2,447 lb	KG
		4A/T	1,135 kg	2,502 lb	KX, KW, KS
			1,130 kg	2,491 lb	KG
	2.0 Fuel-Injected without CATA				
		5M/T	1,155 kg	2,546 lb	KF
			1,145 kg	2,524 lb	KB, KE
			1,140 kg	2,513 lb	KW
	2.0 Fuel-Injected with CATA				
		4A/T	1,175 kg	2,590 lb	KF
			1,165 kg	2,568 lb	KB, KE
			1,160 kg	2,557 lb	KW
		5M/T	1,165 kg	2,568 lb	KX
			1,150 kg	2,535 lb	KG, KW, KS
		4A/T	1,185 kg	2,612 lb	KX
			1,170 kg	2,579 lb	KG, KW, KS

CATA: Catalytic converter

## General Model (KQ)

WEIGHT	Curb weight				
	2.0 Fuel-Injected				
		5M/T	1,170 kg	2,579 lb	
		4A/T	1,190 kg	2,623 lb	

## General Model (KY)

WEIGHT	Curb weight				
	2.0 Carbureted				
		5M/T	1,180 kg	2,601 lb	
		4A/T	1,200 kg	2,646 lb	
	2.0 Fuel-Injected				
		5M/T	1,220 kg	2,690 lb	
		4A/T	1,240 kg	2,734 lb	
		5M/T	1,235 kg	2,723 lb	with 4WS
		4A/T	1,255 kg	2,767 lb	with 4WS

## General Model (KT)

WEIGHT	Curb weight				
	2.0 Carbureted				
		5M/T	1,100 kg	2,425 lb	
		4A/T	1,120 kg	2,469 lb	
	2.0 Fuel-Injected				
		5M/T	1,145 kg	2,524 lb	
		4A/T	1,165 kg	2,568 lb	

M/T: Manual Transmission, A/T: Automatic Transmission

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# Design Specifications (cont'd)

## European Model

	ITEMS		METRIC	ENGLISH	NOTE
WEIGHT	Weight distribution (Front/Rear) 2.0 Carbureted without CATA	5M/T	665/435 kg	1,466/959 lb	KF, KB, KW
			665/440 kg	1,466/970 lb	KE
		4A/T	685/435 kg	1,510/959 lb	KF, KB, KW
			685/440 kg	1,510/970 lb	KE
	2.0 Carbureted with CATA	5M/T	675/440 kg	1,488/970 lb	KX, KW
			675/435 kg	1,488/959 lb	KG
		4A/T	685/435 kg	1,510/959 lb	KS
			695/440 kg	1,532/970 lb	KX, KW
			695/435 kg	1,532/959 lb	KG
			700/435 kg	1,543/959 lb	KS
	2.0 Fuel-Injected without CATA	5M/T	705/450 kg	1,554/992 lb	KF
			695/450 kg	1,532/992 lb	KB, KE
		4A/T	695/445 kg	1,532/981 lb	KW
			725/450 kg	1,598/992 lb	KF
			715/450 kg	1,576/992 lb	KB, KE
			715/445 kg	1,576/981 lb	KW
	2.0 Fuel-Injected with CATA	5M/T	715/450 kg	1,576/992 lb	KX
			700/450 kg	1,543/992 lb	KG
			695/455 kg	1,532/1,003 lb	KW
			700/450 kg	1,543/992 lb	KS
		4A/T	735/450 kg	1,620/992 lb	KX
			720/450 kg	1,587/992 lb	KG
			715/455 kg	1,576/1,003 lb	KW
			720/450 kg	1,587/992 lb	KS

CATA: Catalytic converter

## General Model (KQ)

WEIGHT	Weight distribution (Front/Rear) 2.0 Fuel-Injected	5M/T	705/465 kg	1,554/1,025 lb	
		4A/T	725/465 kg	1,598/1,025 lb	

## General Model (KY)

WEIGHT	Weight distribution (Front/Rear) 2.0 Carbureted	5M/T	710/470 kg	1,565/1,036 lb	
		4A/T	735/465 kg	1,620/1,025 lb	
	2.0 Fuel-Injected	5M/T	740/480 kg	1,631/1,058 lb	
		4A/T	760/480 kg	1,675/1,058 lb	
		5M/T	745/490 kg	1,642/1,080 lb	with 4WS
		4A/T	765/490 kg	1,687/1,080 lb	with 4WS

## General Model (KT)

WEIGHT	Weight distribution (Front/Rear) 2.0 Carbureted	5M/T	660/440 kg	1,455/970 lb	
		4A/T	680/440 kg	1,499/970 lb	
	2.0 Fuel-Injected	5M/T	695/450 kg	1,532/992 lb	
		4A/T	715/450 kg	1,576/992 lb	

M/T: Manual Transmission, A/T: Automatic Transmission

	ITEMS		METRIC		ENGLISH		NOTE	
ENGINE	Type	Fuel-Injected Carbureted	Water cooled, 4-stroke gasoline engine D.O.H.C. Water cooled, 4-stroke gasoline engine S.O.H.C. 4-cylinder in line, transverse				except radiator, transmission	
	Cylinder Arrangement		81 x 95 mm					
	Bore and Stroke		3.19 x 3.74 in.					
	Displacement		1,958 cm <sup>3</sup> (cc)					
	Compression Ratio	Fuel-Injected	9.4 (KS, KX, KZ, KQ), 9.5 (KY, KT)					
			10.5 (KB, KE, KF, KW)					
	Valve Train	Carbureted Fuel-Injected Carbureted	9.1 (KS, KX KZ), 9.2 (KB, KE, KF, KT, KW, KY) 4-valve per cylinder, dual overhead camshafts 3-valve per cylinder, single overhead camshaft					
	Lubrication System		Forced and wet sump					
	Fuel Required	EX (KG, KS) and KQ 16i (KG, KS, KX) and KE KT, KY KB, KF, KW	Unleaded gasoline with 91 R.O.N. or higher Unleaded gasoline with 95 R.O.N. or higher Leaded gasoline with 91 R.O.N. or higher Leaded gasoline with 98 R.O.N. or higher or unleaded gasoline with 95 R.O.N. or higher					
	Engine wet Weight	Fuel-Injected Carbureted	126 kg 278 lb. 123 kg 271 lb.					
STARTER	Type	MITSUBA	Gear reduction					
	Normal output		1.0 kW (KE, KQ, KT, KY) 1.4 kW (except KE, KQ, KT, KY)					
	Normal voltage		12 V					
	Hour rating		30 seconds					
	Direction of rotation		Clockwise as viewed from gear end					
	Weight	MITSUBA	3.5 kg 7.7 lb.					
TRANSMISSION	Clutch	5-M/T 4-A/T	Single plate dry, diaphragm spring.					A: Carbureted B: Fuel-Injected (KG, KS, KX, KQ) C: Fuel-Injected (KE, KF, KB, KW) D: Carbureted E: Fuel-Injected (KG, KS, KQ) F: Fuel-Injected (KE, KF, KB, KW) G: Fuel-Injected (KX)
	Transmission	5-M/T 4-A/T	Torque converter 5-speed forward, 1 reverse. 4-speed forward, 1 reverse.					
	Primary Reduction		1.000					
	Gear Ratio (5 M/T)		A	B	C			
	Shift position	1st	3.307	←	←			
		2nd	1.809	←	1.772			
		3rd	1.269	1.230	1.210			
		4th	0.964	←	←			
		5th	0.812	←	←			
		Reverse	3.000	←	←			
	Gear Ratio (4 A/T)		D	E	F	G		
	Shift position	1st	2.647	←	2.529	2.647		
		2nd	1.444	1.392	←	1.344		
		3rd	1.030	1.060	1.030	1.060		
		4th	0.763	←	←	←		
		Reverse	1.904	←	←	←		
	Final Reduction	5-M/T	Fuel-Injected, carbureted (KT, KY): Single helical gear, 4.062					
		4-A/T	Carbureted (except KT, KY): Single helical gear, 4.266 Single helical gear, 4.066					
	Clutch Facing Area		176 cm <sup>2</sup>			27.3 sq. in.		

M/T: Manual Transmission A/T: Automatic Transmission

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# Design Specifications (cont'd)

	ITEMS		METRIC	ENGLISH	NOTE
AIR CONDITIONER	Cooling Capacity		2,915 Kcal/h	11,566 BTU/h	
	— Conditions:				
	Compressor min <sup>-1</sup> (rpm)		1,800 min <sup>-1</sup> (rpm)		
	Outside air temperature		27.0°C	80.6°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		390 m <sup>3</sup> /h	13,773 cu. ft/h	
	Compressor	Type	Rotary type		
		No. of vanes	3		
STEERING SYSTEM		Displacement	130 cc/rev.	7.93 cu. in/rev.	
		Max. min <sup>-1</sup> (rpm)	7,000 min <sup>-1</sup> (rpm)		
		Lubricant/capacity	130 cc	4.39 US oz.	
	Receiver Dryer	With dessicant	Includes fusible safety plug.		
	Condenser		Corrugated fin type		
	Evaporator		Corrugated fin type		
	Blower	Type	Sirocco fan		
		Motor input	145 W (12 V)		
		Speed control	4 position		
		Max. capacity	390 m <sup>3</sup> /h	13,773 cu ft/h	
SUSPENSION SYSTEM	Temp. Control		Air-mix type		
	Comp. Clutch	Type	Dry, single plate, V-belt		
		Power consumption	48 W max. 12 V		
	Refrigerant	Type	R-12		
		Quantity	0.85 ± 0.05 kg	1.76 ± 0.11 lbs	
		RHD	0.90 ± 0.05 kg	1.98 ± 0.11 lbs	
		LHD			
	Type		Rack and Pinion		
	Overall Ratio		14.9 : 1		
	Turns, lock-to-lock		2.84		
WHEEL ALIGNMENT	Steering Wheel Dia.		370 mm	14.6 in.	
	Power Steering Oil Capacity		1.7 lit.	1.8 U.S. qt., 1.5 Imp qt.	
	Power Steering Oil		HONDA Genuine Power Steering Fluid P/N 08208—99961		
	Type, Front/Rear		Independent by double wishbones, coil springs		
	Shock Absorber	Front/Rear	Telescopic, hydraulic		
	Wheel alignment				
	Camber	Front	0°		
		Rear	-0°20'		
	Caster	Front	2°20'		
	Toe-in	Front	0 mm	0 in.	
BRAKE SYSTEM		Rear	2 mm	0.080 in.	
	Kingpin Inclination		9°45'		
	Type, Front/Rear		Power assisted self-adjusting ventilated disc		
	Pad Surface Area:	Front/Rear	○ 43.3/21.0 cm <sup>2</sup>	6.7/3.3 sq. in.	
			● 35.8/20.9 cm <sup>2</sup>	5.5/3.2 sq. in.	
	Effective Disc Dia.	Front	○ 214 mm	8.4 in.	
			● 194 mm	7.6 in.	
		Rear	208 mm	8.2 in.	
	Parking Brake Kind and Type		Mechanical actuating, rear two wheel brakes		
TIRES	Front/Rear		○ 195/60VR 14 (except KY)		
			○ 195/60 R14 85V (KY only)		
			● 185/70R 13 85H		
			● 185/70R 13 86H (KF, KS, KW, KE only)		
			T135/70D 15 (KE (all) and with ALB)		
			○ T105/70D 14 (KS, KW, KB without ALB)		
			● T105/80D 13 (except KE, KY, KT without ALB)		
	Spare				

○: Fuel-Injected model ●: Carbureted Model

	ITEMS	METRIC	ENGLISH	NOTE
ELECTRICAL	Battery	80D: 12 V—65 AH, MF	70D: 12 V—65 AH, MF	European Models General Models
		70D: 12 V—65 AH, MF	55B: 12 V—47 AH, MF	
	Starter	12 V—1.4 kW		Austrian Model
	Alternator	12 V—70 amps		
	Fuses In the fuse box	7.5 A, 10 A, 15 A, 20 A, 30 A		
	In the relay box	10 A, 15 A, 20 A, 30 A, 40 A, 70 A		
	Headlights High/Low	12 V—60/55 W		
	Day Time Running Lights	12 V—21 W (KW), 55 W (KS)		
	Passing Lights	12 V—55 W		
	Front Turn Signal Lights	12 V—21 W		
	Rear Turn Signal Lights	12 V—21 W		
	Side Turn Signal Lights	12 V—5 W		
	Stop/Taillights	12 V—21/5 W		
	Side Marker Lights	12 V—5 W		
	Rear Fog Lights	12 V—21 W		
	Back-up Lights	12 V—21 W		
	License Plate Lights	12 V—5 W, 8 W		
	Gauge Lights	12 V—3.4 W, 1.4 W		
	Indicator Lights	12 V—1.4 W		
	Warning Lights	12 V—1.4 W		
	Glove Box Lights	12 V—3.4 W		
	Dome Light	12 V—8 W		
	Trunk Light	12 V—3.4 W		
	Fuse Box Light	12 V—3.4 W		
	Illumination and Pilot Lights	12 V—1.4 W, 1.2W		
		0.91 W, 0.56 W, LED		
	Heater Illumination Lights	12 V—1.4 W		