

Design Specifications

specs

	ITEMS		METRIC	ENGLISH	NOTES				
DIMENSIONS	Overall length		4,685 mm 4,680 mm 4,695 mm 4,700 mm	184.4 in 184.3 in 184.8 in 185.0 in	KY KQ KW (Finish)				
	Overall width		1,695 mm 1,720 mm 1,725 mm	66.7 in 67.7 in 67.9 in	KY KQ				
	Overall height		1,390 mm 1,400 mm	54.7 in 55.1 in	KY				
	Wheelbase		2,720 mm	107.1 in					
	Track	Front Rear	1,475 mm 1,480 mm	58.1 in 58.3 in					
	Ground clearance		160 mm 170 mm	6.3 in 6.7 in	KY				
	Seating capacity			Five					
	Turning circle diameter (at tire center)		4.9 m 5.4 m	16.1 ft 17.7 ft	4WS 2WS				
	WEIGHT	Curb weight	See page 3-19						
		Max permissible weight (for European) 1.8/2.0 ℓ without Anti-lock brake system 1.8/2.0 ℓ with Anti-lock brake system 2.2 ℓ	1,740 kg 1,760 kg 1,840 kg	3,836 lb 3,880 lb 4,056 lb					
ENGINE	Type		Water-cooled, 4-stroke OHC						
	Cylinder arrangement		In-line, 4-cylinders						
	Bore and stroke		85×81.5 mm 85×88 mm 85×95 mm	3.35×3.21 in 3.35×3.46 in 3.35×3.74 in	1.8 ℓ 2.0 ℓ 2.2 ℓ				
	Displacement		1,849 cm³ 1,997 cm³ 2,156 cm³	112.8 cu. in 121.8 cu. in 131.5 cu. in	1.8 ℓ 2.0 ℓ 2.2 ℓ				
	Compression ratio	Carbureted 2.0 ℓ fuel-injected 2.2 ℓ European 2.2 ℓ KY 2.2 ℓ KQ	9.0 : 1 <8.9 : 1> 9.6 : 1 <9.5 : 1> 9.8 : 1 8.9 : 1 8.8 : 1		< >: With catalytic converter				
	Valve train		Belt driven, Single Overhead Camshaft						
STARTER	Lubrication system		Forced and wet sump						
	Type		Gear reduction						
	Normal output	European Except European	MT: 1.4 kw (2.2 ℓ : 1.6 kw) MT: 1.4 kw	AT: 1.6 kw AT: 1.4 kw					
	Nominal voltage		12 V						
	Hour rating		30 seconds						
	Direction of rotation		Clockwise as viewed from gear end						
TRANSMISSION	Weight	ND Mitsuba 1.6 kw Mitsuba 1.4 kw	4.75 kg 3.7 kg 3.5 kg	10.5 lb 8.2 lb 7.7 lb					
	Clutch	MT AT	Single plate dry, diaphragm spring						
	Clutch lining area		Torque converter with lock-up clutch						
	Transmission	MT AT	217 cm² 33.6 sq. in						
	Primary reduction ratio		Synchronized 5-speed forward, 1 reverse 4-speed forward automatic, 1 reverse or Electronically controlled dual range 4-speed forward automatic, 1 reverse 1 : 1 (Direct)						
	Gear ratio		MT		AT				
	①: Carbureted		①	②	③	④	⑤	⑥	⑦
	②: 2.0 ℓ PGM-FI	Gear							
	③: 2.2 ℓ (except KQ)	1st	3.307	3.307	3.307	3.307	2.705	2.705	2.705
	④: 2.2 ℓ KQ	2nd	1.857	1.809	1.809	1.809	1.464	1.366	1.464
⑤: Carbureted	3rd	1.269	1.230	1.230	1.230	1.028	1.028	1.028	
2.0 ℓ PGM-FI (KT)	4th	0.966	0.933	0.933	0.903	0.731	0.731	0.674	
2.2 ℓ KY	5th	0.787	0.757	0.757	0.705				
⑥: 2.0 ℓ PGM-FI/2.2 ℓ (except KT, KQ, KY)	Reverse	3.000	3.000	3.000	3.000	2.047	2.047	2.047	
⑦: 2.2 ℓ KQ	Final	4.266	4.266	4.266	4.062	4.285	4.285	4.285	

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AIR CONDITIONER	Cooling capacity		4,350 kcal/h	17,259 BTU/h	
	-Condition: Compressor speed		1,900 min ⁻¹ (rpm)		
	Outside air temperature		27°C	81°F	
	Outside air humidity		50 %		
	Condenser air temperature		35°C	95°F	
STEERING SYSTEM	Condenser air velocity		4.5 m/sec.	14.8 ft/sec.	
	Blower capacity		440 m ³	15,542 cu.ft/h	
	Compressor Type		Swash-plate		
	No. of cylinders		10		
	Capacity		178 cc/rev.	10.9 cu.in/rev.	
SUSPENSION	Maximum speed		8,800 min ⁻¹ (rpm)		
	Lubricant capacity		90-120 cc	3.0-4.0 US oz. 3.2-4.2 Imp oz.	
	Condenser		Corrugated fin type		
	Evaporator		Corrugated fin type		
	Blower		Sirocco fan		
WHEEL ALIGNMENT	Type		210 W (12 V)		
	Motor input		5-speed		
	Speed control				
	Maximum capacity		500 m ³ /h	17,662 cu.ft/h	
	Temperature control		Air-mix type		
BRAKE SYSTEM	Clutch		Dry single-plate		
	Power consumption		40W (12V) maximum		
	Refrigerant		R-12		
	Type				
	Quantity		0.90-0.95 kg	2.0-2.1 lb	
TIRES	Type		Rack and pinion		
	Overall ratio		16.1 : 1 <13.0 : 1>		< >: 4WS
	Turns, lock-to-lock		3.13 <2.5>		< >: 4WS
	Steering wheel diameter		375 mm	14.8 in	
	Power steering fluid capacity		1.8 ℓ	1.9 US qt. 1.6 Imp qt.	
ELECTRICAL	Power steering fluid		Genuine Power Steering Fluid P/N: 08208-99961		
	Type	Front	Independent double wishbone, coil spring		
		Rear	Independent double wishbone, coil spring		
	Shock absorber	Front and rear	Telescopic, hydraulic (nitrogen gas-filled)		(): except KP, KT
	Total toe	Front	0±3 mm	0±0.12 in	
WHEEL ALIGNMENT		Rear	IN 2±2 mm	0.08±0.08 in	
			IN 3±2 mm	0.12±0.08 in	
	Camber	Front	0° 00' ± 1°		
		Rear	-0° 30' ± 1°		
			-0° 20' ± 1°		
BRAKE SYSTEM	Caster	Front	3°00'		
	Type	Front	Ventilated disc		
		Rear	Drum		
	Pad and lining swept area (total)		2.2 ℓ (except KY) or ALB or 4WS: Solid disc		
		Front	15 in	415 cm ²	64 sq. in
TIRES			14 in	311 cm ²	48 sq. in
		Rear	Drum	242 cm ²	38 sq. in
			Disc	281 cm ²	44 sq. in
	Size		185/70R14 88H		
			185/65R15 87H		
ELECTRICAL			195/60R15 87V		
			195/60R15 87H		
			T105/70 D14		
			T135/90 D15		
	Spare tire				
ELECTRICAL	Fuses	In the anti-lock brake system fuse box	15A, 40A		
		In the fuse box	7.5A, 10A, 15A, 30A		
		In the relay box	7.5A, 10A, 15A, 20A, 30A, 40A, 50A, 80A		
	Headlights	High/Low	12V-65/55W		
	Turn signal lights	Front	12V-21W		
ELECTRICAL		Rear	12V-21W		
	Position lights		12V-5W		
	License plate light		12V-5W		
	Buck-up lights		12V-21W		
	Stop lights		12V-21W		
ELECTRICAL	High mount brake light		12V-45CP		
	Taillight		12V-5W		
	Rear fog light		12V-21W		
	Dome lights		12V-8W		
	Door courtesy lights		12V-3.4W		
ELECTRICAL	Vanity mirror light		12V-1.8W		
	Trunk light		12V-3.4W		
	Gauge lights		12V-3.4/1.4W		
	Indicator lights		12V-0.84/0.91/1.12/1.4W		
	Warning lights		12V-1.4/3.4W		
ELECTRICAL	Glove box light		12V-3.4W		
	Illumination and pilot lights		12V-1.4/1.2W LED: 0.91W, 0.84W		
	Heater illumination lights		12V-1.2/1.4W		

WEIGHT SPECIFICATIONS

ENGINE	TYPE	GRADE	Manual Transmission		Automatic Transmission	
			CARB WEIGHT	WEIGHT DISTRIBUTION (FR/RR)	CARB WEIGHT	WEIGHT DISTRIBUTION (FR/RR)
1.8 l Carbureted	KB	LX EX	1,200 (2,646) 1,215 (2,679)	730/470 (1,609/1,036) 735/480 (1,620/1,058)	— —	— —
2.0 l Carbureted	KG	DX, EX	1,220 (2,690)	740/480 (1,631/1,058)	1,245 (2,745)	765/480 (1,687/1,058)
	KX	EX	1,220 (2,690)	740/480 (1,631/1,058)	1,245 (2,745)	765/480 (1,687/1,058)
	KS	DX	1,225 (2,701)	745/480 (1,642/1,058)	1,250 (2,756)	770/480 (1,698/1,058)
	KS	EX	1,230 (2,712)	750/480 (1,653/1,058)	1,255 (2,767)	775/480 (1,709/1,058)
	KF	EX	1,220 (2,690)	740/480 (1,631/1,058)	1,245 (2,745)	765/480 (1,687/1,058)
	KB	EX	1,215 (2,679)	740/475 (1,631/1,047)	1,240 (2,734)	765/475 (1,687/1,047)
	KE	EX	1,225 (2,701)	740/485 (1,631/1,069)	1,250 (2,756)	765/485 (1,687/1,069)
	KW	DX, EX	1,225 (2,701)	745/480 (1,642/1,058)	1,250 (2,756)	770/480 (1,698/1,058)
	KP, KT	LX	1,215 (2,679)	735/480 (1,620/1,058)	1,245 (2,745)	765/480 (1,687/1,058)
	KU, KP, KT	EX	1,220 (2,690)	735/485 (1,620/1,069)	1,250 (2,756)	765/485 (1,687/1,069)
	KY	LX	1,245 (2,745)	760/485 (1,675/1,069)	1,275 (2,811)	790/485 (1,742/1,069)
	KY	EX	1,250 (2,756)	765/485 (1,687/1,069)	1,280 (2,822)	795/485 (1,753/1,069)
2.0 l PGM-FI	KG	2.0i	1,240 (2,734)	750/490 (1,653/1,080)	1,270 (2,800)	780/490 (1,720/1,080)
	KX	2.0i	1,265 (2,789)	770/495 (1,698/1,091)	1,295 (2,855)	800/495 (1,764/1,091)
	KS	2.0i	1,250 (2,756)	760/490 (1,675/1,080)	1,280 (2,822)	790/490 (1,742/1,080)
	KF, KB, KW	2.0i	1,245 (2,745)	755/490 (1,664/1,080)	1,275 (2,811)	785/490 (1,731/1,080)
	KE	2.0i	1,255 (2,767)	760/495 (1,675/1,091)	1,285 (2,833)	790/495 (1,742/1,091)
	KU, KP, KT	EXi	1,240 (2,734)	750/490 (1,653/1,080)	1,275 (2,811)	785/490 (1,731/1,080)
2.2 l PGM-FI	KG	2.2i-2WS	1,305 (2,877)	795/510 (1,753/1,124)	1,335 (2,943)	825/510 (1,819/1,124)
	KG	2.2i-4WS	1,330 (2,932)	795/535 (1,753/1,179)	1,360 (2,998)	825/535 (1,819/1,179)
	KX, KS	2.2i-2WS	1,310 (2,888)	800/510 (1,764/1,124)	1,340 (2,954)	830/510 (1,830/1,124)
	KX, KS	2.2i-4WS	1,335 (2,943)	800/535 (1,764/1,179)	1,365 (3,009)	830/535 (1,830/1,179)
	KF	2.2i-2WS	1,290 (2,844)	785/505 (1,731/1,113)	1,320 (2,910)	815/505 (1,797/1,113)
	KF	2.2i-4WS	1,315 (2,899)	785/530 (1,731/1,168)	1,345 (2,965)	815/530 (1,797/1,168)
	KE	2.2i-2WS	1,300 (2,866)	790/510 (1,742/1,124)	1,330 (2,932)	820/510 (1,808/1,124)
	KE	2.2i-4WS	1,325 (2,921)	790/535 (1,742/1,179)	1,355 (2,987)	820/535 (1,808/1,179)
	KQ	EXi	1,240 (2,734)	745/495 (1,642/1,091)	1,270 (2,800)	775/495 (1,709/1,091)
	KY	EXi	1,320 (2,910)	790/530 (1,742/1,168)	1,350 (2,976)	825/525 (1,819/1,157)