

MAJOR TECHNICAL SPECIFICATIONS

Area			Europe	
Body Type			Sedan	
Model Code			GSE20L(R)-AEFLHW	GSE20L(R)-AETLHW
Major Dimensions & Vehicle Weights				
Overall	Length	mm (in.)	4575 (180.1)	4575 (180.1)
	Width	mm (in.)	1800 (70.9)	1800 (70.9)
	Height	mm (in.)	1425 (56.1)	1425 (56.1)
Wheel Base		mm (in.)	2730 (107.4)	2730 (107.4)
Tread	Front	mm (in.)	1535 (60.4)	1535 (60.4)
	Rear	mm (in.)	1535 (60.4), 1525 (60)* ¹	1535 (60.4), 1525 (60)* ¹
Room	Length	mm (in.)	1855 (73.0)	1855 (73.0)
	Width	mm (in.)	1475 (58.1)	1475 (58.1)
	Height	mm (in.)	1165 (45.9), 1120 (44.1)* ²	1165 (45.9), 1120 (44.1)* ²
Overhang	Front	mm (in.)	810 (31.9)	810 (31.9)
	Rear	mm (in.)	1035 (40.7)	1035 (40.7)
Min. Running Ground Clearance		mm (in.)	135 (5.3), 125 (4.9)* ³	135 (5.3), 125 (4.9)* ³
Angle of Approach/Departure		degrees	13.12°/16	13.12°/16
Curve Weight	Front	kg (lb)	820 to 855 (1808 to 1885)	805 to 840 (1775 to 1852)
	Rear	kg (lb)	750 to 780 (1653 to 1720)	755 to 785 (1664 to 1731)
	Total	kg (lb)	1570 to 1635 (3461 to 3605)	1560 to 1625 (3439 to 3583)
Gross Vehicle Weight	Front	kg (lb)	940 (2072)	925 (2039)
	Rear	kg (lb)	1115 (2458)	1120 (2469)
	Total	kg (lb)	2055 (4530)	2045 (4508)
Luggage Compartment Capacity		m ³ (cu.ft.)	0.378 (13.3)	0.378 (13.3)
Fuel Tank Capacity		L (Us.gal, Imp.gal)	65 (17.2, 14.3)	65 (17.2, 14.3)
Performance				
Max. Speed		km/h (mph)	230 (144)	225 (141)
Max. Cruising Speed		km/h (mph)	160 (100)	160 (100)
Acceleration	0 to 100 km/h	sec.	8.4	8.4
	0 to 400 m	sec.	16.1	16.0
Max. Permissible Speed	1st Gear	km/h (mph)	56 (35)	55 (34)
	2nd Gear	km/h (mph)	93 (58)	94 (58)
	3rd Gear	km/h (mph)	139 (86)	138 (86)
	4th Gear	km/h (mph)	179 (111)	194 (121)
	5th Gear	km/h (mph)	212 (132)	-
	6th Gear	km/h (mph)	-	-
Min. Turning Radius	Tire	m (ft.)	5.1 (16.7)	5.1 (16.7)
	Body	m (ft.)	5.4 (17.7)	5.4 (17.7)
Engine				
Engine Type			4GR-FSE	4GR-FSE
No. of Cyls. & Arrangement			6-Cylinder, V Type	6-Cylinder, V Type
Valve Mechanism			24-valve, DOHC with Dual VVT-i	24-valve, DOHC with Dual VVT-i
Bore × Stroke			mm (in.)	mm (in.)
Displacement			cm ³ (cu.in.)	cm ³ (cu.in.)
Compression Ratio			12.0 : 1	12.0 : 1
Fuel System			SFI D-4	SFI D-4
Reserch Octane No. or Cetane No.			95 or higher	95 or higher
Max. Output (SAE-NET)* ⁴			kW@rpm (HP@rpm)	kW @ 6400
Max. Torque (SAE-NET)* ⁴			Nm@rpm (lb-ft@rpm)	252 @ 4800
Engine Electrical				
Battery Capacity (5HR)			Voltage & Amp. hr.	12-55
Alternator Output			Watts	1800
Starter Output			kW	1.7
Chassis				
Transmission Type			RA62	A960E (AT)
Gear Ratio	1st		3.791	3.538
	2nd		2.275	2.060
	3rd		1.524	1.404
	4th		1.185	1.000
	5th		1.000	0.713
	6th		0.786	0.582
Differential (Final) Gear Ratio			3.583	3.909
Brake Type	Front		Ventilated Disc	Ventilated Disc
	Rear		Solid Disc	Solid Disc
Suspension Type	Front		Double Wishbone	Double Wishbone
	Rear		Multi-Link	Multi-Link
Stabilizer Bar			Front/Rear	Standard/Standard
Steering Gear Type			Rack & Pinion	Rack & Pinion
Steering Gear Ratio			13.5, 13.6* ³	13.5, 13.6* ³
Power Steering Type			EPS	EPS

*1: With optional 18-inch wheel *2: With Sliding Roof *3: Sports Package *4: Maximum output and torque rating is determined by revised SAE J1394 standard.