

OUTLINE

Outline

Major Dimension & Vehicle Weights

			Europe			
Body Type			4-Door Sedan			
Model Name			GS300		GS430	
Model Code			GRS190L-BETQHW	GRS190R-BETQHW	UZS190L-BETQKW	UZS190R-BETQKW
Overall	Length	mm(in.)	4825(190.0)	←	←	←
	Width	mm(in.)	1820(71.7)	←	←	←
	Height	mm(in.)	1430(56.3)	←	←	←
Wheel Base		mm(in.)	2850(112.2)	←	←	←
Tread	Front	mm(in.)	1535(60.4)	←	←	←
	Rear	mm(in.)	1540(60.6)	←	←	←
Effective Head Room	Front	mm(in.)	985(38.8)	←	←	←
	Rear	mm(in.)	940(37.0)	←	←	←
Effective Leg Room	Front	mm(in.)	1105(43.5)	←	←	←
	Rear	mm(in.)	925(36.4)	←	←	←
Shoulder Room	Front	mm(in.)	1430(56.3)	←	←	←
	Rear	mm(in.)	1400(55.1)	←	←	←
Overhang	Front	mm(in.)	855(33.7)	←	←	←
	Rear	mm(in.)	1120(44.1)	←	←	←
Min. Running Ground Clearance		mm(in.)	130(5.1)	←	←	←
Angle of Approach		degrees	14	←	←	←
Angle of Departure		degrees	14	←	←	←
Curb Weight	Front	kg(lb)	865(1907)	←	915(2017)	←
	Rear	kg(lb)	755(1664)	←	780(1720)	←
	Total	kg(lb)	1620(3571)	←	1695(3737)	←
Cross Vehicle Weight	Front	kg(lb)	1005(2216)	←	1045(2304)	←
	Rear	kg(lb)	1120(2469)	←	1115(2458)	←
	Total	kg(lb)	2125(4685)	←	2160(4762)	←
Fuel Tank Capacity		L(Imp.gal)	71(15.6)	←	←	←
Luggage Compartment Capacity		m ³ (cu.ft)	0.43(15.2)	←	←	←

			G.C.C Countries		General Countries
Body Type			4-Door Sedan		
Model Name			GS300	GS430	GS300
Model Code			GRS190L-BETQKV	UZS190L-BETQKV	GRS190R-BETQK
Overall	Length	mm(in.)	4825(190.0)	←	←
	Width	mm(in.)	1820(71.7)	←	←
	Height	mm(in.)	1430(56.3)	←	←
Wheel Base		mm(in.)	2850(112.2)	←	←
Tread	Front	mm(in.)	1535(60.4)	←	←
	Rear	mm(in.)	1540(60.6)	←	←
Effective Head Room	Front	mm(in.)	985(38.8)	←	←
	Rear	mm(in.)	940(37.0)	←	←
Effective Leg Room	Front	mm(in.)	1105(43.5)	←	←
	Rear	mm(in.)	925(36.4)	←	←
Shoulder Room	Front	mm(in.)	1430(56.3)	←	←
	Rear	mm(in.)	1400(55.1)	←	←
Overhang	Front	mm(in.)	855(33.7)	←	←
	Rear	mm(in.)	1120(44.1)	←	←
Min.Running Ground Cleaance		mm(in.)	130(5.1)	←	←
Angle of Approach		degrees	14	←	←
Angle of Departure		degrees	14	←	←
Curb Weight	Front	kg(lb)	865(1907)	915(2017)	865(1907)
	Rear	kg(lb)	755(1664)	780(1720)	755(1664)
	Total	kg(lb)	1620(3571)	1695(3737)	1620(3571)
Cross Vehicle Weight	Front	kg(lb)	1005(2216)	1045(2304)	1005(2216)
	Rear	kg(lb)	1120(2469)	1115(2458)	1120(2469)
	Total	kg(lb)	2125(4685)	2160(4762)	2125(4685)
Fuel Tank Capacity		L(Imp.gal)	71(15.6)	←	←
Luggage Compartment Capacity		m ³ (cu.ft)	0.43(15.2)	←	←

Performance

		Europe			
Body Type		4-Door Sedan			
Model Name		GS300		GS430	
Model Code		GRS190L-BETQHW	GRS190R-BETQHW	UZS190L-BETQKW	UZS190R-BETQKW
Max. Speed	km/h(mph)	240(149)	←	250(155)	←
Max. Cruising Speed	km/h(mph)	215(134)	←	225(140)	←
Acceleration	0 to 100 km/h sec.	7.2	←	6.1	←
	0 to 400 m sec.	15.2	←	14.4	←
Max. Permissible Speed	1st Gear km/h(mph)	57(35)	←	60(37)	←
	2nd Gear km/h(mph)	98(61)	←	101(63)	←
	3rd Gear km/h(mph)	144(89)	←	147(91)	←
	4th Gear km/h(mph)	203(126)	←	198(123)	←
	5th Gear km/h(mph)	240(149)	←	250(155)	←
	6th Gear km/h(mph)	240(149)	←	250(155)	←
Min. Turning Radius	Tire m(ft.)	5.2(17.1)	←	←	←
	Body m(ft.)	5.6(18.4)	←	←	←

		G.C.C Countries		General Countries
Body Type		4-Door Sedan		
Model Name		GS300	GS430	GS300
Model Code		GRS190L-BETQKV	UZS190L-BETQKV	GRS190R-BETQK
Max. Speed	km/h(mph)	235(146)	250(155)	235(146)
Max. Cruising Speed	km/h(mph)	210(130)	225(140)	210(130)
Acceleration	0 to 100 km/h sec.	7.5	6.1	7.5
	0 to 400 m sec.	15.4	14.4	15.4
Max. Permissible Speed	1st Gear km/h(mph)	57(35)	60(37)	57(35)
	2nd Gear km/h(mph)	98(61)	101(63)	98(61)
	3rd Gear km/h(mph)	144(89)	147(91)	144(89)
	4th Gear km/h(mph)	203(126)	198(123)	203(126)
	5th Gear km/h(mph)	235(146)	250(155)	235(146)
	6th Gear km/h(mph)	235(146)	250(155)	235(146)
Min. Turning Radius	Tire m(ft.)	5.2(17.1)	←	←
	Body m(ft.)	5.6(18.4)	←	←

Engine & Engine Electrical

	Europe			
Body Type	4-Door Sedan			
Model Name	GS300		GS430	
Model Code	GRS190L-BETQHW	GRS190R-BETQHW	UZS190L-BETQKW	UZS190R-BETQKW
Engine Type	3GR-FSE	←	3UZ-FE	←
Valve Mechanism	24-Valve DOHC,Chain Drive	←	32-Valve DOHC,Belt & Gear Drive	←
Bore × Stroke mm(in.)	87.5×83.0 (3.44×3.27)	←	91.0×82.5 (3.58×3.25)	←
Displacement cm ³ (cu.in.)	2995(182.7)	←	4293 (261.9)	←
Compression Ratio	11.5	←	10.5	←
Carburetor Type	EFI • D-4	←	EFI	←
Research Octane No.	95 or higher	←	←	←
Max.Output(EEC) kW/rpm	—	—	208/5600	←
Max.Torque(EEC) N·m/rpm	—	—	417/3500	←
Battery Capacity(5HR) Voltage & Amp.hr.	12-55	←	←	←
Alternator Output Watts	1800	←	1560	←
Starter Output kW	1.7	←	2.0	1.4

	G.C.C Countries		General Countries
Body Type	4-Door Sedan		
Model Name	GS300	GS430	GS300
Model Code	GRS190L-BETQKV	UZS190L-BETQKV	GRS190R-BETQK
Engine Type	3GR-FE	3UZ-FE	3GR-FE
Valve Mechanism	24-Valve DOHC,Chain Drive	32-Valve DOHC,Belt & Gear Drive	24-Valve DOHC,Chain Drive
Bore × Stroke mm(in.)	87.5×83.0 (3.44×3.27)	91.0×82.5 (3.58×3.25)	87.5×83.0 (3.44×3.27)
Displacement cm ³ (cu.in.)	2994 (182.7)	4293 (261.9)	2994 (182.7)
Compression Ratio	10.5	←	←
Carburetor Type	EFI	←	←
Research Octane No.	95 or higher	←	←
Max.Output(EEC) kW/rpm	170/6200	208/5600	170/6200
Max.Torque(EEC) N·m/rpm	300/4400	417/3500	300/4400
Battery Capacity(5HR) Voltage & Amp.hr.	12-55	←	←
Alternator Output Watts	1560	←	←

		G.C.C Countries		General Countries
Body Type		4-Door Sedan		
Model Name		GS300	GS430	GS300
Model Code		GRS190L-BETQKV	UZS190L-BETQKV	GRS190R-BETQK
Starter Output	kW	1.3	1.4	1.3

Chassis

		Europe			
Body Type		4-Door Sedan			
Model Name		GS300		GS430	
Model Code		GRS190L-BETQHW	GRS190R-BETQHW	UZS190L-BETQKW	UZS190R-BETQKW
Clutch Type		—	—	—	—
Transmission Type		A960E	←	A761E	←
Transmission Gear Ratio	In First	3.538	←	3.296	←
	In Second	2.060	←	1.958	←
	In Third	1.404	←	1.348	←
	In Fourth	1.000	←	1.000	←
	In Fifth	0.713	←	0.725	←
	In Sixth	0.582	←	0.582	←
	In Reverse	3.168	←	2.951	←
Differential Gear Ratio		3.727	←	3.615	←
Differential Gear Size	in.	8.10	←	8.20	←
Brake Type	Front	Ventilated Disc	←	←	←
	Rear	Ventilated Disc	←	←	←
Parking Brake Type		Duo Servo	←	←	←
Brake Booster Type and Size	in.	10"Single	←	—	—
Proportioning Valve Type		—	—	—	—
Suspension Type	Front	Double Wishbone	←	←	←
	Rear	Multi Link	←	←	←
Stabilizer Bar	Front	Standard	←	←	←
	Rear	Standard	←	←	←
Steering Gear Type		Rack & Pinion	←	←	←
Steering Gear Ratio(Overall)		14.6	←	12.4~17.2	←
Power Steering Type		Electric Motor	←	←	←

		G.C.C Countries		General Countries
Body Type		4-Door Sedan		
Model Name		GS300	GS430	GS300
Model Code		GRS190L-BETQKV	UZS190L-BETQKV	GRS190R-BETQK
Clutch Type		—	—	—
Transmission Type		A760E	A761E	A760E
Transmission Gear Ratio	In First	3.520	3.296	3.520
	In Second	2.042	1.958	2.042
	In Third	1.400	1.348	1.400
	In Fourth	1.000	1.000	1.000
	In Fifth	0.716	0.725	0.716
	In Sixth	0.586	0.582	0.586
	In Reverse	3.224	2.951	3.224
Differential Gear Ratio		3.727	3.769	3.727
Differential Gear Size in.		8.10	8.20	8.10
Brake Type	Front	Ventilated Disc	←	←
	Rear	Ventilated Disc	←	←
Parking Brake Type		Duo Servo	←	←
Brake Booster Type and Size in.		10"Single	—	10"Single
Proportioning Valve Type		—	—	—
Suspension Type	Front	Double Wishbone	←	←
	Rear	Multi Link	←	←
Stabilizer Bar	Front	Standard	←	←
	Rear	Standard	←	←
Steering Gear Type		Rack & Pinion	←	←
Steering Gear Ratio(Overall)		14.6	12.4~17.2	14.6
Power Steering Type		Electric Motor	←	←