

Technical Specifications

Major Dimensions & Vehicle Weights			RC 200t	RC 300h
Overall (Kerb Weight)	Length	mm	4695	4695
	Width	w/o Mirror	1840	1840
		w/ Mirror	2069	2069
	Height*1	mm	1395	1395
Wheelbase (Kerb Weight)		mm	2730	2730
Tread (Kerb Weight)	Front	mm	1580	1580
	Rear	mm	1600*2, 1570*3	1600*2, 1570*3
Interior	Length	mm	1875	1875
	Width	mm	1520	1520
	Height	mm	1120, 1110*5	1120, 1110*5
Couple Distance		mm	833	833
Seating Capacity		person	4	4
Overhang (Kerb Weight)	Front	mm	930	930
	Rear	mm	1035	1035
Coefficient of Drag			0.285*5	0.285*5
Min. Running Ground Clearance		mm	135	135
Location of Min. Running Ground Clearance			UNDER COVER	UNDER COVER
Angle of Approach		degrees	12.4*6	12.4*6
Angle of Departure		degrees	15.6*6	15.6*6
Kerb Weight	Front	Min. - Max. (EC/ECE)	kg	895 - 925
	Rear	Min. - Max. (EC/ECE)	kg	780 - 800
	Total	Min. - Max. (EC/ECE)	kg	1675 - 1725
Gross Vehicle Weight		kg	2170	1736 - 1775
Trunk Space*6	VDA	L	374	340
Fuel Tank Capacity	Capacity	L	66	66
Engine				
Engine Type			8AR-FTS	2AR-FSE
No. of Cyls. & Arrangement			4 cylinders, In-line type	4 cylinders, In-line type
Valve Mechanism			16-valve, DOHC, VVT-iW (intake), VVT-i (exhaust)	16-valve DOHC with Dual VVT-i
Bore x Stroke	mm		86.0 x 86.0	90.0 x 98.0
Displacement	cm ³		1998	2494
Compression Ratio			10.0 : 1	13.0 : 1
Fuel Injection System			EFI, D-4ST	EFI, D-4S
Intake System			Turbo Charged with Intercooler	-
Emission Certification			Euro 6	Euro 6
Fuel Type			Petrol	Petrol
Recommended Octane Rating	RON		95 or higher	95 or higher
Max. Output	EEC	kW/rpm (hp/rpm_ps/rpm)	180/5800	133/6000
			(241/5800 245/5800)	(178/6000 181/6000)
Max. Torque	EEC	Nm/rpm (kg-m/rpm)	350/1650-4400	221/4200-5400
			(35.7/1650-4400)	(22.5/4200-5400)
Fuel Consumption	Urban	L/100km	9.5*8, 9.6*3	4.9*8, 5.1*3
	Extra Urban	L/100km	5.8*8, 5.9*3	4.9*8, 5.0*3
	Combined	L/100km	7.2*3,8	4.9*8, 5.0*3
CO ₂ Emissions	Urban	g/km	220*8, 221*3	114*8, 117*3
	Extra Urban	g/km	135*8, 137*3	112*8, 116*3
	Combined	g/km	166*8, 168*3	113*8, 116*3
Motor Generator				
Motor Type			Permanent magnet synchronous motor (11KM)	
Max. Voltage	V		650	
Max. Output	kW (hp_ps)		105 (141_143)	
Max. Torque	Nm (kg-m)		300 (30.6)	
Hybrid Battery				
Battery Type			Nickel-Metal hydride	
Nominal Voltage	V		230.4	
Number of Battery Cells			192	
System Voltage	V		650	
Total System Output				
Total Max. Output	kW (hp_ps)		164 (220_223)	
Performance				
Max. Speed*7	km/h		230	190
Acceleration	0 to 60 mph	sec.		
Acceleration*7	0 to 100 km/h	sec.	7.5	8.6
Chassis				
Transmission	TMC Code Name		AA81E	L210
	Type		Automatic	CVT
Layout			FR	FR
Transmission Gear Ratio	1st		4.596	
	2nd		2.724	
	3rd		1.863	
	4th		1.464	
	5th		1.231	
	6th		1.000	
	7th		0.824	
	8th		0.685	
	Reverse		4.056	
Differential Gear Ratio (Front/ Rear)			- /3.133	- /2.764
Brake Type	Front		Ventilated Disc	Ventilated Disc
	Rear		Ventilated Disc	Ventilated Disc
Brake Size	Front	Diameter/Thickness	mm	334/30
	Rear	Diameter/Thickness	mm	310/18
Parking Brake Type of Control and Location			Foot Pedal Type	Foot Pedal Type
Suspension Type	Front		Double Wishbone	Double Wishbone
	Rear		Multi-link	Multi-link
Lock to Lock			2.84	2.84
Min. Turning Radius	Min.- Max. (VGRS operating)		2.35 - 3.18	2.35 - 3.18
	Tyre	m	5.2	5.2
Power Steering Type	Body	m	5.6	5.6
			Electric	Electric
Tyres & Wheels				

*1: Unladen vehicles

*2: Models with 17-inch and 18-inch wheel

*3: Models with 19-inch wheel

*4: Models with moon roof

*5: Models with 17-inch wheel

*6: With one person on board

*7: Toyota in-house measured figures

*8: Models with 18-inch wheel