

TOYOTA MIRAI TECHNICAL SPECIFICATIONS

FUEL CELL STACK	
Model code	FCA110
Type	Polymer electrolyte
Number of cells	370
Connection method	Series
Max. output bhp/kW	153/114
BATTERY	
Type	Nickel-metal hydride
Number of cells	34
Nominal voltage	244
Capacity (Ah)	6.5
Connection method	Series
ELECTRIC MOTOR/GENERATOR	
Motor model code	4JM
Type	Permanent magnet, synchronous
Max. power (bhp/kW)	152/113
Max. torque (Nm)	335
DRIVETRAIN	
Layout	Front-wheel drive
Transmission gear ratio	1.000:1
Reduction gear ratio/final drive	3.478:1
SUSPENSION	
Front suspension	MacPherson strut with anti-roll bar
Rear suspension	Torsion beam
STEERING	

Type	Rack and pinion., electric power steering
Ratio	14.8:1
Turns lock-to-lock	2.81
Min. turning circle – body (m)	11.4
BRAKES	
Type - front	Ventilated disc
Type - rear	Ventilated disc
TYRES AND WHEELS	
Wheels	17 x 7J
Tyres	215/55R17 94W
PERFORMANCE	
Max. speed (mph)	111
0-62mph acceleration (sec)	9.6
FUEL CONSUMPTION	
Combined (kg/100km)	0.76
Extra urban (kg/100km)	0.80
Urban (kg/100km)	0.69
Fuel tank capacity (kg)	5.0 (approx.)
WEIGHT	
Kerb weight (kg)	1,850
Gross vehicle weight	2,180
EXTERIOR DIMENSIONS	
Overall length (mm)	4,890
Overall width (mm)	1,815
Overall height (mm)	1,535
Wheelbase (mm)	2,780
Front track (mm)	1,535

Rear track (mm)	1,545
Front overhang (mm)	1,080
Rear overhang (mm)	1,030
Ground clearance (mm)	130
Drag coefficient (Cd)	0.29
INTERIOR DIMENSIONS	
Length (mm)	2,040
Width (mm)	1,465
Height (mm)	1,185
VDA boot capacity (l)	361

Ref: 170110M