

LOTUS®

EMIRA

V6 FIRST EDITION
AU22 FSJ

SPECIFICATION

Model	V6 First Edition
Drive	RHD
Gearbox	Manual
Suspension	Sports
Wheels	Gloss black ultra-lightweight V-spoke forged alloy wheels
Tyres	Goodyear Eagle F1 Supersport or Michelin Pilot Cup Sport 2 (weather dependent)
Brake caliper colour	Black
Exterior colour	Hethel Yellow
Interior colour	Black leather
Feature packs	Lotus Design Lotus Drivers Lotus Convenience Lotus Black Pack (upper and lower)
Privacy glass	Equipped
MSRP (including VAT)	£83,195



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V6 FIRST EDITION

STANDARD FEATURES

Choice of:

- 20" Diamond-cut ultra-lightweight V-spoke forged alloy wheels
- 20” Gloss black ultra-lightweight V-spoke forged alloy wheels
- 20” Silver ultra-lightweight V-spoke forged alloy wheels

2-piece brake discs

Premium KEF Audio

Black Alcantara roof lining

Heated seats

Emira-branded sill kick plates

Satin chrome interior trim finishers

Exposed manual gearchange mechanism

FIRST EDITION V6 STANDARD FEATURE PACKS

Black Pack (lower)

- Gloss black front splitter
- Gloss black side sills
- Gloss black rear diffuser surround

Lotus Drivers Pack

- Track mode (ESP)
- Track mode HMI/TFT display
- Choice of:
 - Goodyear Eagle F1 Suportsport tyres or Michelin Pilot Sport Cup 2 tyres
 - Touring or sports suspension
- Switchable exhaust sound based on drive mode
- Limited-slip differential (V6 manual only)

Lotus Design Pack

- Lightweight 10-spoke V-design, forged wheel, diamond-cut – Front 20x8.5J and Rear 20x10J
- Sports pedal pads, aluminium with rubber inserts
- Black Alcantara interior headlining
- Choice of red, black, or yellow brake calipers
- Black Lotus branded premium carpet over mats
- Privacy glass

Convenience Pack

- Front parking sensors
- Automatic dimming rear view mirror
- Automatic dimming wing mirrors
- Rear reversing camera (standard-fit in USA)
- Boot compartment stowage net
- Passenger footwell stowage net

COST OPTIONS

Black Pack (upper)

- Cantrails
- Mirror backs
- Rear Lotus badge
- Exhaust tailpipe finishers

Black Alcantara steering wheel with black TDC marker

Scorpion S5 vehicle tracker

Homelink



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V6 FIRST EDITION TECHNICAL DATA

ENGINE

Power output @ 6,800 rpm	298 kW / 400 bhp / 405 PS
Torque @ 3,500 - 6,800 rpm	420 Nm / 310 ft-lbf
Maximum continuous engine speed	6,550 rpm*
Maximum momentary engine speed	6,800 rpm

*In sports mode in 4th, 5th or 6th gears, but may vary dependent on engine conditions

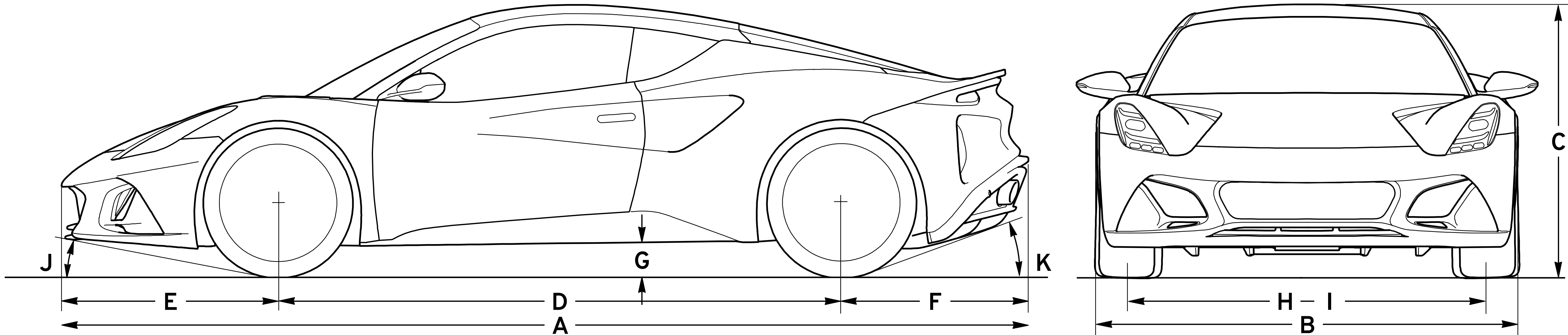
FUEL CONSUMPTION (WLTP)

Low	17.1 l/100km
Medium	11.4 l/100km
High	9.7 l/100km
Extra	10.5 l/100km
Combined	11.3 l/100km

CO₂ EMISSIONS

Low	391 g/km
Medium	259 g/km
High	221 g/km
Extra	240 g/km
Combined	258 g/km

Figures applicable to both manual and automatic transmission models



DIMENSIONS

A	Overall length	4413 mm	G	Ground clearance*	140 mm
B	Overall width	1896 mm	H	Track front	1624 mm
C	Overall height*	1235 mm	I	Track rear	1610 mm
D	Wheelbase	2570 mm	J	Approach angle front	9.2°
E	Front overhang	988 mm	K	Approach angle rear	18.3°
F	Rear overhang	855 mm	*Mid-laden weight		

CAPACITIES

Engine oil	6.0 litres	Luggage compartment stowage	151 litres
Windscreen washer bottle	2.5 litres	Rear of cabin luggage area (to bulkhead glass)	141 litres
Fuel tank	58 litres	Rear of cabin luggage area (to headliner)	208 litres

MASS

Manual transmission unladen		Gross (maximum) vehicle weights	
Total	1457kg (DIN)	Total	1763 kg
Balance	F 38.3%; R 61.7%	Balance	F 39.1%; R 60.9%
Maximum permissible (GVW) 2 x 100kg + 50kg luggage + 20kg luggage behind seats			

UNLEADED FUEL REQUIREMENT

Minimum 95 RON (E10)	Recommended 97 RON (E5)
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V6 FIRST EDITION TECHNICAL DATA

TYRES

Michelin Pilot Sport Cup 2		
Front	245/35 ZR20 - 95Y XL LTS	
Rear	295/30 ZR20 - 101Y XL LTS	
Goodyear Eagle F1 Supersport		
Front	245/35 ZR20 - 95Y XL LTS	
Rear	295/30 ZR20 - 101Y XL LTS	
Recommended inflation pressures position standard inflation pressure high speed pressures*		
Front	2.0 bar (29 lb/in ²)	2.2 bar (32 lb/in ²)
Rear	2.2 bar (32 lb/in ²)	2.4 bar (35 lb/in ²)
Michelin Pilot Alpin (winter tyres)		
Front	235/35 ZR20 - 92W XL†	
Rear	285/30 ZR20 - 99W XL†	
Recommended inflation pressures position cold inflation pressure		
Front	2.6 bar (37 lb/in ²)	
Rear	2.5 bar (36 lb/in ²)	
*High speed pressures for road speeds in excess of 167 mph		
†Winter tyres rated for road speeds of up to 165 mpg		

POWERTRAIN

Installation layout and drive	Mid-engine, transverse crank	Valve gear	Chain
Engine construction	6 cylinder, V arrangement	Compression ratio	10.0:1
Bore/stroke	94/83 mm	Induction assistance	Supercharged and chargecooled

TRANSMISSION

Gearbox type	6-speed manual	Differential type	LSD
Number of gears	6		
Ratio - Gear 1	3.538	Ratio - Gear 2	1.913
Ratio - Gear 3	1.407	Ratio - Gear 4	1.091
Ratio - Gear 5	0.9697	Ratio - Gear 6	0.8611
Final drive - 1 st , 2 nd , 3 rd , 4 th	3.777	Final drive - 5 th and 6 th	3.238

CHASSIS AND BODY

Chassis type and construction - Lightweight aluminium extruded and bonded chassis			
Body type and construction - Composite construction bonded body structure			

Wheels

Front	20X8.5J ET57	Rear	20X10.5J ET54
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BRAKES

Two-piece discs ventilated and cross-drilled (aluminium carrier, cast iron outer)			
Front	370mm	Rear	350mm

CALIPERS

Front	4 piston, AP Racing	Rear	4 piston, AP Racing Dedicated single piston EPB caliper
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STEERING

Hydraulic power assist steering Rack and pinion steering gear			
Steering ratio	16:1	Turning circle (m)	10.905 m

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V6 FIRST EDITION TECHNICAL DATA

VEHICLE PERFORMANCE

Top speed	180 mph/290 km/h
Acceleration	
0-60 mph	4.20 seconds
0-100 km/h	4.30 seconds

BRAKING PERFORMANCE

30-0mph in metres/time	8.63m/1.44 seconds
50-0mph in metres/time	23.29m/2.18 seconds
60-0mph in metres/time	31.55m/2.36 seconds
70-0mph in metres/time	42.14m/2.88 seconds
100-0mph in metres/time	83.35m/3.89 seconds

G-Readings

Michelin Pilot Sport Cup 2	
Maximum braking	1.2
Maximum lateral	1.3
Maximum acceleration	0.4

SUSPENSION

Front and rear - Fully independent, forged aluminium double wishbone suspension with anti-roll bar

ACTIVE AND PASSIVE SAFETY SYSTEMS

Chassis ESP-based safety systems:

ABS with cornering brake control	Traction control
ESP	Hydraulic brake assist
Electronic brake force distribution	Integrated traction control and integrated vehicle dynamics control for enhanced dynamic control performance

AIRBAG AND RESTRAINT SYSTEMS

Airbags - Integrated front driver and passenger airbags, curtain and seat mounted side airbag system

SEAT BELTS

Pre-tensioning and load limiting seat belts

BY DESIGN INTEGRITY - ENERGY ABSORBING STRUCTURES

The Emira front end structure is optimised and engineered to make it possible to manage the load paths in such a way that all legal and corporate crash requirements are robustly met. In a side impact crash event, the high forces generated are dissipated via the body structure and enables maximum passive safety and occupant protection, coupled with the latest light-weight structure technology. All relevant structural load paths in a rear-end impact crash on Emira are of aluminium construction to optimise energy management and occupant safety performance.