



F430

Technical specifications



DIMENSIONS/WEIGHT

Overall length	4512 mm (177.6 in)
Overall width	1923 mm (75.7 in)
Height	1214 mm (47.8 in)
Wheelbase	2600 mm (102.4 in)
Front track	1669 mm (65.7 in)
Rear track	1616 mm (63.6 in)
Front overhang	1100 mm (43.3 in)
Rear overhang	812 mm (32.0 in)
Kerb weight	1450 kg (3,196 lbs)*
Dry weight	1350 kg (2,975 lbs)*
Boot (Trunk) capacity	8.829 cu ft
Fuel tank capacity	95 litres (25.1 US gal, 20.9 Imp. gal)
Weight distribution	front 43% / rear 57%

ENGINE

Type	90° V8
Bore & stroke	92 x 81 mm (3.62 x 3.19 in)
Unit displacement	538.5 cc (32.87 cu in)
Total displacement	4,308 cc (263 cu in)
Compression ratio	11.3:1
Maximum power	360.3 kW (490 hp)** at 8,500 rpm
Maximum torque	465 Nm (47.4 kgm/343 lbs/ft) at 5,250 rpm
Specific output	114 hp/l**
Dry weight/power	6.1 lbs/hp**

TRANSMISSION

Gearbox	Manual or F1 paddle shift
Electronic Differential (E-DIFF)	
Stability and Traction Control (CST)	

TYRES

Front	225/35 ZR 19
Rear	285/35 ZR 19

BRAKES

Front	360 x 34 mm (14.2 x 1.34")
Rear	350 x 34 mm (13.8 x 1.34")

PERFORMANCE

Maximum speed	over 315 km/h (196 mph)
0 - 62 mph	4.0 sec.
0 - 400 m	<i>Manual gearbox</i> <i>F1 gearbox</i>
0 - 1000 m	12.00 sec. 11.95 sec.
	21.65 sec. 21.60 sec.

FUEL CONSUMPTION

Combined	18.3 l/100 km*
----------------	----------------

CO₂ EMISSIONS

Combined	420 g/km*
----------------	-----------

European Community directive on consumer information 1999/94/EC 95990029

* European market version

** For reason of homogeneity, engine power is expressed in kW, in accordance with the International System of Units (SI). The brake horse power (bhp) can be calculated as follows 1kW = 1.34 bhp