



BUGATTI VEYRON 16.4 GRAND SPORT

TECHNICAL SPECIFICATIONS

GENERAL INFORMATION

Length	4 462 mm
Width	1 998 mm
Height, standard	1 204 mm
Wheelbase	2 710 mm
Kerb weight	1 990 kg
Gross vehicle weight rating	2 240 kg
Fuel tank capacity	100 l

POWER TRAIN

Engine type/Number of cylinders	W16
Displacement	7 993 cm ³
Performance	736 kW (1 001 PS) at 6 000 rpm
Maximum torque	1 250 Nm at 2 200-5 500 rpm
Bore	86 mm
Stroke	86 mm
Compression ratio	8.3 : 1
Gearbox	7-speed DSG
Drive	All-wheel drive
Torque distribution, front	Front differential with Haldex coupling
Torque distribution, rear	Rear regulated limited slip differential

RUNNING GEAR

Suspension	Double wishbone, front and rear
Maximum weight per axle	1 010 kg front / 1 230 kg rear
Tyres, front	265-680 ZR 500A
Tyres, rear	365-710 ZR 540A
Tyre pressure	3.0 bar front / rear

RIDE HEIGHT

Standard	123 mm front / 123 mm rear
Handling	80 mm front / 95 mm rear
Top speed	65 mm front / 70 mm rear

BRAKES

Brake disc diameter	400 mm front / 380 mm rear
Brake disc material	Carbon-ceramic
Number of wheel brake cylinders	8 front / 6 rear (per brake caliper)
Number of brake pads	4 front / 2 rear (per brake caliper)

DRIVING PERFORMANCE

Maximum speed, enclosed	407 km/h
Acceleration	>2.7 sec 0 - 100 km/h
	7.3 sec 0 - 200 km/h
	16.7 sec 0 - 300 km/h
Braking distance	31.4 m 100 - 0 km/h
Gearbox shift speed	< 150 ms

FUEL ECONOMY *

Urban	41.9 l
Extra urban	15.6 l
Combined	24.9 l

CO₂ EMISSION

Urban	999 g/km
Extra urban	373 g/km
Combined	596 g/km
Fuel type	Super unleaded 98 RON/ROZ

MAX. RATE OF GEAR AT 6 500 RPM

1st	100 km/h
2nd	140 km/h
3rd	191 km/h
4th	246 km/h
5th	301 km/h
6th	362 km/h
7th	407 km/h

AERODYNAMICS

Cd VALUE	
Standard	0.39
Handling	0.42
Top speed	0.36
Airbrake	0.68

WING/SPOILER ANGLE

Standard	retracted/ 6° cool-down
Handling with roof/ without roof	15° / 20°
Top speed	2°
Brake angle	55°
Special features	Central hydraulics

THREE RIDE HEIGHTS

STANDARD	In urban traffic and at speeds up to 220 km/h and above, configuration changes automatically to handling (front diffuser flaps open)
HANDLING	May be manually activated for fast driving on rural roads, motorway or race tracks (front diffuser flaps open)
TOP SPEED	May be manually activated with separate key for driving at top speed (above 375 km/h) (front diffuser flaps closed)

* measured in accordance with 1999/99/EG