



BUGATTI VEYRON 16.4 GRAND SPORT VITESSE

TECHNICAL SPECIFICATIONS

GENERAL INFORMATION

Length	4 462 mm
Width	1 998 mm
Height, standard	1 190 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	882 kW (1 200 PS) at 6 400 rpm
Maximum torque	1 500 Nm at 3 000-5 000 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	115 mm front / 115 mm rear
Handling	90 mm front / 102 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	410 km/h
Acceleration	
	2.6 sec 0 - 100 km/h
	7.1 sec 0 - 200 km/h
	16.0 sec 0 - 300 km/h
	10.0 sec 1/4 mile
	25.0 sec 1 mile

Lateral acceleration	1.4 g
Braking distance	31.4 m 100 - 0 km/h
Accelerating and braking	
	5.9 sec 0 - 100 - 0 km/h
	12.9 sec 0 - 200 - 0 km/h
	23.9 sec 0 - 300 - 0 km/h
	9.5 sec 0 - 100 - 0 mp/h
	27.1 sec 0 - 200 - 0 mp/h
Gearbox shift speed	100 ms

FUEL ECONOMY *

Urban	37.2 l
Extra urban	14.9 l
Combined	23.1 l

CO₂ EMISSION

Urban	867 g/km
Extra urban	348 g/km
Combined	539 g/km
Fuel type	Super unleaded 98 RON/ROZ

MAX. RATE OF GEAR AT 6 500 RPM

1st	104 km/h
2nd	148 km/h
3rd	197 km/h
4th	257 km/h
5th	313 km/h
6th	377 km/h
7th	410 km/h

AERODYNAMICS

Cd VALUE	
Standard	0.39
Handling	0.42
Top speed	0.36
Airbrake	0.69

WING/SPOILER ANGLE

Standard	retracted / 6° cool-down
Handling with roof / without roof	16° / 21°
Top speed	3°
Brake angle	55°
Special features	Central hydraulics / double diffuser

THREE RIDE HEIGHTS

STANDARD	In urban traffic and at speeds up to 180 km/h. At 180 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 715/2007/EG