

BUGATTI VEYRON 16.4 GRAND SPORT VITESSE**TECHNICAL SPECIFICATIONS****GENERAL**

Length	4 462 mm
Width	1 998 mm
Height (normal position)	1 190 mm
Wheelbase	2 710 mm
Curb weight	1 990 kg
Max.permitted laden weight	2 240 kg
Tank capacity	100 l

DRIVE TRAIN

Motor type/Number of cylinders	W16
Cylinder capacity	7 993 cm ³
Power output	882 kW (1 200 hp) at 6 400 rpm
Max. torque	1 500 Nm at 3 000-5 000 rpm
Bore	86 mm
Stroke	86 mm
Compression ratio	8.3 : 1
Gearbox	7 Gear DSG
Drive	all-wheel
Power distribution	front axle differential with Haldex clutch, rear axle with transverse differential lock

SUSPENSION

Wheel suspension	double wishbone front/ rear
Max. weight per axle	1 010/ 1 230 front/ rear (kg)
Tyres, front	265-680 ZR 500A
Tyres, rear	365-710 ZR 540A
Tyre pressure	3.0 bar front/ rear

SUSPENSION HEIGHT

Standard	115/ 115 front/ rear (mm)
Handling	80/ 95 front/ rear (mm)
Top speed	65/ 70 front/ rear (mm)

BRAKES

Brake disc diameter	400 mm front/ 380 mm rear
Brake disc material	ceramics
Number of wheel brake cylinders	8 front/ 6 rear
Number of brake pads	4 front/ 2 rear

PERFORMANCE

Top speed	410 km/h
Acceleration	
(projected - to be confirmed)	2.6 sec 0-100 km/h
(projected - to be confirmed)	7.1 sec 0-200 km/h
(projected - to be confirmed)	16.0 sec 0-300 km/h
(projected - to be confirmed)	10.0 sec 1/4 mile
(projected - to be confirmed)	25.0 sec 1 mile

Lateral acceleration	1.4 g
Braking distance	31.4 m 100-0 km/h
Accelerating and braking	
(projected - to be confirmed)	5.9 sec 0-100-0 km/h
(projected - to be confirmed)	12.9 sec 0-200-0 km/h
(projected - to be confirmed)	23.9 sec 0-300-0 km/h
(projected - to be confirmed)	9.5 sec 0-100-0 mp/h
(projected - to be confirmed)	27.1 sec 0-200-0 mp/h

Gearbox shift time	0.1 sec
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FUEL CONSUMPTION *

In town	37.2 l/100 km
Out of town	14.9 l/100 km
Combined	23.1 l/100 km

CO₂ EMISSION

In town	867 g/km
Out of town	348 g/km
Combined	539 g/km
Fuel type	Super lead free 98 RON/ ROZ

MAX. RATE OF GEAR AT 6 500 RPM

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

AERODYNAMICS

CW-VALUE	
Standard	0.39
Handling	0.48
Top speed	0.36
Airbrake	0.69

WING/SPOILER ANGLE

Standard	retracted/ 6° cool-down position
Handling with roof/ without roof	16° / 27° 21° / 27°
Top speed	3°
Brake setting	55° / 27°
Special features	central hydraulics/ double diffusor

THREE SUSPENSION HEIGHTS

STANDARD	For town traffic and speeds of up to 180 km/h. From 180 km/h, automatic configurations switches from Standard to Handling (flaps in front diffusers open)
HANDLING	For open roads and highways or manually selectable for race tracks (flaps in front diffusers open)
TOP SPEED	For very high-speed driving (over 375 km/h), manually selectable with separate key (flaps in front diffusers closed)

* As measured by EC Directives 715/2007/EG