



# BUGATTI CHIRON

## TECHNICAL SPECIFICATIONS

### GENERAL INFORMATION

LENGTH	4,544 MM
WIDTH	2,038 MM
HEIGHT (NORMAL SETTING)	1,212 MM
WHEELBASE	2,711 MM
WEIGHT	1,995 KG (DIN EMPTY)
FUEL CAPACITY	100 L

### POWERTRAIN

ENGINE CONFIGURATION/ NUMBER OF CYLINDERS	W16
DISPLACEMENT	7,993 CM <sup>3</sup>
VALVES PER CYLINDER	4
TURBOCHARGING	4 TURBOCHARGERS WITH BUGATTI 2-STAGE TURBOCHARGING, INTERCOOLING (WATER/AIR)
POWER OUTPUT	1,103 KW / 1,500 HP AT 6,700 RPM
MAX. TORQUE	1,600 NM (2,000 TO 6,000 RPM)
TRANSMISSION	7-SPEED DSG DUAL-CLUTCH GEARBOX
DRIVE SYSTEM	PERMANENT ALL-WHEEL DRIVE
POWER DISTRIBUTION, FRONT	FRONT-AXLE CONTROLLED LONGITUDINAL DIFFERENTIAL, TYPE >BORGWARNER<
POWER DISTRIBUTION, REAR	REAR-AXLE DIFFERENTIAL WITH CONTROLLED INTER-WHEEL LOCK

### RUNNING GEAR

SUSPENSION	DOUBLE-WISHBONE, FRONT AND REAR
FRONT TYRES	285 / 30 R20 ZR (Y) – BG
REAR TYRES	355 / 25 R21 ZR (Y) – BG
INFLATION PRESSURE, FRONT	2.8 BAR (3.0 BAR TOP SPEED)
INFLATION PRESSURE, REAR	2.8 BAR (3.0 BAR TOP SPEED)
DRIVING PROGRAMS	LIFT, EB, AUTOBAHN, HANDLING, TOP SPEED / CONTROLLED COMPONENTS: STEERING, SHOCK ABSORBERS, ESC, ASR, INTER-WHEEL LOCK (DEPENDING ON MODE AND SPEED)

### GROUND CLEARANCE

LIFT (TRANSPORT)	125 MM FRONT / 125 MM REAR
EB	115 MM FRONT / 116 MM REAR
AUTOBAHN	95 MM FRONT / 115 MM REAR
HANDLING	95 MM FRONT / 115 MM REAR
TOP SPEED	80 MM FRONT / 85 MM REAR

### BRAKES

DIAMETERS FRONT BRAKE DISCS	420 MM
DIAMETERS REAR BRAKE DISCS	400 MM
NUMBER OF BRAKE PISTONS (PER CALIPER)	FRONT 8 / REAR 6

### PERFORMANCE

MAXIMUM SPEED TOP SPEED MODE	420 KM/H (261 MPH) (LIMITED FOR ROAD USE)
MAXIMUM SPEED EB / AUTOBAHN / HANDLING MODES	380 KM/H (236 MPH) (LIMITED)
ACCELERATION*	0 – 100 KM/H (62 MPH) < 2.5 SEC 0 – 200 KM/H (124 MPH) < 6.5 SEC 0 – 300 KM/H (186 MPH) < 13.6 SEC
BRAKING DISTANCES*	100 (62 MPH) – 0 KM/H 31.3 M 200 (124 MPH) – 0 KM/H 125 M 300 (186 MPH) – 0 KM/H 275 M

### LATERAL ACCELERATION\*

1.5 G (HANDLING MODE)

### AERODYNAMICS

DRAG COEFFICIENT (C <sub>D</sub> )*	0.38 (EB) 0.40 (HANDLING) 0.35 (TOP SPEED) 0.59 (AIR BRAKE)
LIFT COEFFICIENT (C <sub>L</sub> ) (HANDLING)* FRONT / REAR	-0.09 / -0.26

### FUEL ECONOMY / CO<sub>2</sub> EMISSIONS

URBAN	35.2 L/100KM – 806 G/KM
EXTRA-URBAN	15.2 L/100 KM – 349 G/KM
COMBINED	22.5 L/100 KM – 516 G/KM
EMISSIONS CLASS	EU6 (EUROPE), LEV III (USA)
FUEL TYPE	SUPER UNLEADED 98 RON / ROZ

\*PROVISIONAL