



BUGATTI CHIRON

TECHNICAL SPECIFICATIONS

GENERAL INFORMATION

LENGTH	4,544 MM
WIDTH	2,038 MM
HEIGHT (NORMAL SETTING)	1,212 MM
WHEELBASE	2,711 MM
TRACK WIDTH FRONT / REAR	1,749 MM / 1,661 MM
WEIGHT	1,995 KG (DIN EMPTY)
FUEL CAPACITY	100 L

POWERTRAIN

ENGINE CONFIGURATION/ NUMBER OF CYLINDERS	W16
DISPLACEMENT	7,993 CM ³
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
WHEELS, FRONT	10J X 20 ET55
WHEELS, REAR	13.5J X 21 ET71.5
TYRES, FRONT	285 / 30 R20 ZR (Y) – BG
TYRES, REAR	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) 2.4 SEC
	0 – 200 KM/H (124 MPH) 6.1 SEC
	0 – 300 KM/H (186 MPH) 13.1 SEC
	0 – 400 KM/H (249 MPH) 32.6 SEC

ACCELERATION AND BRAKING	0 – 100 – 0 KM/H 4.93 SEC
	0 – 200 – 0 KM/H 10.78 SEC
	0 – 300 – 0 KM/H 19.77 SEC
	0 – 400 – 0 KM/H 41.96 SEC

BRAKING DISTANCES	100 (62 MPH) – 0 KM/H 31.4 M
	200 (124 MPH) – 0 KM/H 114 M
	300 (186 MPH) – 0 KM/H 247 M
	400 (249 MPH) – 0 KM/H 491 M

ELASTICITY (OVERTAKING ACCELERATION)	50 (31 MPH) – 150 KM/H (93 MPH) 3.2 SEC
	80 (50 MPH) – 120 KM/H (75 MPH) 1.8 SEC
	100 (62 MPH) – 200 KM/H (124 MPH) 4.3 SEC

MAX RATE OF GEAR AT 6,700 RPM	1ST 90 KM/H (56 MPH)
	2ND 150 KM/H (93 MPH)
	3RD 200 KM/H (124 MPH)
	4TH 260 KM/H (162 MPH)
	5TH 320 KM/H (199 MPH)
	6TH 380 KM/H (236 MPH)
	7TH 420 KM/H (261 MPH)

LATERAL ACCELERATION	1.5 G (HANDLING MODE)
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AERODYNAMICS

DRAG COEFFICIENT (C_D)	0.40 (EB)
	0.39 (AUTOBAHN)
	0.41 (HANDLING)
	0.36 (TOP SPEED)
	0.60 (AIR BRAKE)
LIFT COEFFICIENT (C_L) (HANDLING) FRONT / REAR	-0.06 / -0.19
WING ANGLE	-10° (EB)
	10° (AUTOBAHN)
	14° (HANDLING)
	3° (TOP SPEED)
	49° (AIR BRAKE)

FUEL ECONOMY / CO₂ EMISSIONS

URBAN	35.2 L/100 KM – 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

