



BUGATTI CHIRON SPORT

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)
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MAXIMUM SPEED EB / AUTOBAHN / HANDLING MODES	380 KM/H (236 MPH) (LIMITED)
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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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* THANKS TO LIGHTWEIGHT DESIGN, THE WEIGHT OF THE CHIRON SPORT HAS BEEN REDUCED BY 18 KG. NEVERTHELESS, THE DIN UNLADEN WEIGHT REMAINS UNCHANGED. THE VALUE FOR THE STANDARD CHIRON CONTINUES TO APPLY AS THE CHIRON SPORT HAS NOT BEEN TYPE-TESTED SEPARATELY AS A NEW VARIANT.



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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

