



BUGATTI CHIRON SUPER SPORT

TECHNICAL SPECIFICATIONS

GENERAL INFORMATION

LENGTH	4.733 MM
WIDTH	2.183 MM (INCL. MIRRORS)
HEIGHT (NORMAL SETTING)	1.212 MM
WHEELBASE	2.711 MM
TRACK WIDTH FRONT / REAR	1.749 MM / 1.662 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	1.177 KW / 1.600 HP AT 7.050 RPM TO 7.100 RPM
MAX. TORQUE	1.600 NM AT 2.250 TO 7.000 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) – BG2
TYRES, REAR	355 / 25 R21 ZR (Y) – BG2
DRIVING PROGRAMS	LIFT, EB, AUTOBAHN, HANDLING, TOP 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 / 89 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	440 KM/H (273 MPH)
MAXIMUM SPEED EB / AUTOBAHN / HANDLING MODES	380 KM/H (236 MPH)

ACCELERATION	0 – 100 KM/H (62 MPH) 2.4 SEC
	0 – 200 KM/H (124 MPH) 5.8 SEC
	0 – 300 KM/H (186 MPH) 12.1 SEC
	0 – 400 KM/H (249 MPH) 28.6 SEC

ACCELERATION AND BRAKING	0 – 100 – 0 KM/H 4.8 SEC
	0 – 200 – 0 KM/H 10.4 SEC
	0 – 300 – 0 KM/H 18.9 SEC
	0 – 400 – 0 KM/H 39.2 SEC

BRAKING DISTANCES	100 (62 MPH) – 0 KM/H 33 M
	200 (124 MPH) – 0 KM/H 124 M
	300 (186 MPH) – 0 KM/H 270 M
	400 (249 MPH) – 0 KM/H 520 M

SPEED IN EACH GEAR	1ST 100 KM/H
	2ND 160 KM/H
	3RD 210 KM/H
	4TH 280 KM/H
	5TH 340 KM/H
	6TH 415 KM/H
	7TH 440 KM/H (DEACTIVATED)

ELASTICITY (OVERTAKING ACCELERATION)	60 – 100 KM/H (37 – 62 MPH) 5.7 SEC
	80 – 120 KM/H (50 – 75 MPH) 4.3 SEC

LATERAL ACCELERATION	1.5 G (HANDLING MODE)
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* A WEIGHT REDUCTION OF 23 KG HAS BEEN ACHIEVED FOR THE CHIRON SUPER SPORT THROUGH LIGHTWEIGHT CONSTRUCTION MEASURES. THE DIN LEER WEIGHT IS NOT AFFECTED BY THIS. THE VALUE OF THE BASE VEHICLE CHIRON APPLIES HERE, AS THE CHIRON SUPER SPORT WAS NOT HOMOLOGATED AS A VARIANT.



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AERODYNAMICS

DRAG COEFFICIENT (c_D)	0,38 (EB)
	0,39 (AUTOBAHN)
	0,41 (HANDLING)
	0,35 (TOP SPEED)
	0,59 (AIR BRAKE)
LIFT COEFFICIENT (c_L) (HANDLING) FRONT / REAR	-0,06 / -0,20
WING ANGLE	10° (AUTOBAHN)
	15° (HANDLING)
	1° (TOP SPEED)
	39° (AIR BRAKE)



Chiron
SUPER SPORT