

Technical Data US
BMW 2 Series Coupé (F87)

Changes to the previous timeslice		M2	M2 DKG
Engine type		N55B30T0	N55B30T0
Transmission type		manuell	DKG
Code Nr./Code Nr.2		1353	1353
ID-Number		8281	8282
SOV		2017-11-01	2017-11-01
Seats	--	4	4
Number of Doors	--	2	2
drive type	--	RWD	RWD
Length	mm	4476	4476
Width	mm	1854	1854
Height	mm	1410	1410
Width incl. mirrors	mm	1984	1984
Width incl.mirror driver	mm	1001	1001
Width incl.mirror passengers side	mm	983	983
Wheelbase	mm	2693	2693
Overhang front	mm	815	815
Rear overhang	mm	968	968
Turning circle	m	11.7	11.7
Ground clearance	mm	123	123
Shoulder width front	mm	1383	1383
Shoulder room rear	mm	1357	1357
Elbow width front	mm	1436	1436
Elbowroom rear	mm	1403	1403
effective legroom front [L34]	mm	1055	1055
effective legroom rear second seating row [L51-2]	mm	837	837
Max. headroom front	mm	1018	1018
Maximum headroom rear	mm	927	927
Headroom front/SR	mm	975	975
Maximum headroom second	mm	903	903
Knee clearance	mm	5	5
Luggage volumes [V210-2]	m³	0.39	0.39
Approach angle front	°	13	13
Departure angle rear	°	15.7	15.7
Ramp angle	°	12.8	12.8
Fuel tank capacity (approx.) series	liter	52	52
US Tank capacity (gallons) - series	gal	13.7	13.7
Curb weight (without driver)	kg	1565	1590
curb weight (EC)	kg	1640	1666
rear Weight distribution (empty car)	%	48.1	48.6
Gross veh. weight	kg	2009	2009
Payload	kg	381	381
Axle load limit front	kg	971	971
rear axle load limit	kg	1080	1080
US Curb weight [lbs]	lbs	3440	3506
US Gross veh. weight	lbs	4430	4430
US Payload	lbs	840	840
US Axle load limit of the front	lbs	2140	2140
US Axle load limit of the rear	lbs	2380	2380
US Roof load	lbs	165	165
Engine type	--	N55B30T0	N55B30T0
Cylinders	--	6	6
Valves p.cyl.	--	4	4
Stroke	mm	89.6	89.6
Bore	mm	84	84
Displacement	cm³	2979	2979
Compression rate	:1	10.2	10.2
Rated engine power [kW]	kW	272	272
Engine power [HP]	PS	370	370
Engine power [bHP]	bHP	365	365
at rpm	1/min	6500	6500
minimum Engine speed at maximum power	1/min	6500	6500
Engine torque	Nm	465	465
Engine torque	ft.lbs	343	343
at rpm	1/min	1400-5560	1400-5560
minimum Engine speed at maximum torque	1/min	1400	1400
maximum Engine speed at maximum torque	1/min	5560	5560
Fuel type	--	gasoline	gasoline
Useable Fuel quality	--	AKI 91 MIN	AKI 91 MIN
recomm.	--	AKI 93	AKI 93
Engine oil (filling quantity)	liter	6.5	6.5
Output per litre	kW/dm³	91.3	91.3
Power to weight ratio	kg/kW	5.8	5.8
Electrification level	--	none	none
Transmission type	--	K	M DKG 436
Transmission type	--	manual transmission	DKG
Gear ratios 1st gear	--	4.11	4.806
2nd	--	2.315	2.593
3rd	--	1.542	1.701
4th	--	1.179	1.277
5th	--	1	1
6th	--	0.846	0.844
7th	--	-	0.671
Reverse gear	--	3.727	-4.172
Final drive ratio	--	3.462	3.462
Power-steering	--	EPS	EPS
Steering transmission, overall	:1	15	15
Front tyres	--	245/35 ZR19 (93Y)	245/35 ZR19 (93Y)
Front rims	--	9Jx19 EH2+ LM	9Jx19 EH2+ LM
Rear tyres	--	265/35 ZR19 (98Y)	265/35 ZR19 (98Y)
Rear rims	--	10Jx19 EH2 LM	10Jx19 EH2 LM
Track front	mm	1579	1579
Width of the rear track	mm	1601	1601
Wheel offset front	mm	29	29
Wheel offset rear	mm	40	40
Run flat tyres	--		no
A	m²	2.21	2.21
Cx	--	0.35	0.35
Air resistance	m²	0.77	0.77
Top speed	km/h	250	250
Top speed optional	km/h	270	270
0-100Kmh	s	4.5	4.3
80-120Kmh (4.)	s	3.6	3.6
80-120Kmh (5.)	s	4.4	4.4
0-60 mph	s	4.3	4.1
0-400m	s	12.7	12.5
Fuel cons. city (acc. FTP)	mpg	24.7	25.2
Fuel cons. highway (acc. FTP)	mpg	38.2	37.5
Fuel cons. combined (acc. FTP)	mpg	29.4	29.6
Fuel cons. city (official EPA)	mpg	20	20
Fuel cons. highway (official EPA)	mpg	27	27
Fuel cons. combined (official EPA)	mpg	22	23
Top speed	mph	156	156
top speed opt (mph)	mph	168	168
FTPcity[L]	l/100km	9.5	9.3
FTPhighway[L]	l/100km	6.2	6.3
FTPcombined[L]	l/100km	8	7.9
Emission classification (type-certified)	--	ULEV II	ULEV II
Battery Capacity (low voltage)	Ah	90	90
System voltage (low voltage)	V	12	12
Veh. length [inch]	inch	176.2	176.2
Veh. width [inch]	inch	73	73
Width incl mirrors [inch]	inch	78.1	78.1
Veh. height [inch]	inch	55.5	55.5
Wheelbase [inch]	inch	106	106
Overhang front [inch]	inch	32.1	32.1
Rear overhang [inch]	inch	38.1	38.1
Ground clearance [inch]	inch	4.9	4.8
Turning circle [ft]	ft	38.4	38.4
Legroom front [inch]	inch	41.5	41.5
Legroom 2nd row [inch]	inch	33	33
Shoulder room front [inch]	inch	54.4	54.4
Shoulder room rear [inch]	inch	53.4	53.4
Headroom front [inch]	inch	40.1	40.1
Maximum headroom 2nd row [inch]	inch	36.5	36.5
Headroom front with Sunroof [inch]	inch	38.4	38.4
Maximum headroom 2st row with sunroof [inch]	inch	35.6	35.6
Front Seat Volume [ft³]	ft³	52.5	52.5
Rear Seat Volume [ft³]	ft³	37.2	37.2
Luggage vol. (EPA) - only for homologation	ft³	-	10
Press Trunk volume (SAE)	ft³	-	13.8
Lifting [inch]	inch	3.5	3.5
Bore [inch]	inch	3.3	3.3
Capacity [inch³]	inch	182	182
Engine oil	inch	6.9	6.9
Track front [inch]	inch	62.2	62.2
Rear track [inch]	inch	63	63
Facing surface [F]	ft	23.79	23.79
Cx[Aff]	ft	8.33	8.33

*) Emissions will not be confirmed before SOP.
Until then, data are taken from the
previous time slice and are thus preliminary.