



# BMW 2 Series Coupe.

2021MY PRODUCT GUIDE.

BMW 2 Series Coupe	2J33 BMW 230i xDrive	2J73 BMW M240i xDrive
<b>Basic data summary</b>		
Transmission type	Automatic	Automatic
Engine description	B46B2000	B58B30M0
Seats	4	4
Number of doors	2	2
Engine type	xDrive (AWD)	xDrive (AWD)
<b>Dimensions</b>		
<b>Exterior</b>		
Wheelbase (L101), mm	2690	2690
Vehicle height, mm	1418	1408
Vehicle width at side mirrors (W144), mm	1984	1984
Vehicle length, mm	4437	4469
Vehicle width (W103 OTD), mm	1774	1774
Width at passenger's mirror (W114-P), mm	983	983
Width at driver's mirror (W114-D), mm	1001	1001
Overhang rear (L105OTD), mm	962	962
Overhang front (L104 OTD), mm	785	817
Facing surface (ASTirn), m²	2.14	2.14
Minimum turning circle (D102), m	11.3	11.3
<b>Offroad data</b>		
Ground clearance; curb weight (H156 OTD), mm	140	130
<b>Interior</b>		
Head room 1.SR(H62-1), mm	1018	1018
Head room 2.SR(H61-2), mm	927	927
Shoulder room 2.SR(W3-2), mm	1357	1357
Shoulder room 1.SR(W3-1), mm	1383	1383
Knee clearance 2.SR (L48-2 Prak), mm	5	5
Leg room 1.SR(L34), mm	1055	1055
Leg room 2.SR(L51-2), mm	837	837
Elbow width 1.SR (W3-1), mm	1436	1436
Elbow width 2.SR (W3-2), mm	1403	1403
Seats 2.SR (N-2)	2	2
Seats overall (N-ges)	4	4
<b>Luggage volumes</b>		
Press luggage volume US (V US Kom), ft³	13.8	13.8
EPA luggage volume (SAE), ft³	10	10
<b>Gearbox</b>		
<b>Combustion engine</b>		
Nr. of gears	8	8
Transmission ratio 1st gear**, 1st**	5	5
Transmission ratio 2nd gear**, 2nd**	3.2	3.2
Transmission ratio 3rd gear**, 3rd**	2.143	2.143
Transmission ratio 4th gear**, 4th**	1.72	1.72
Transmission ratio 5th gear**, 5th**	1.314	1.314
Transmission ratio 6th gear**, 6th**	1	1
Transmission ratio 7th gear**, 7th**	0.822	0.822
Transmission ratio 8th gear**, 8th**	0.64	0.64
Transmission ratio reverse gear**	3.456	3.456
Transmission type	Automatic	Automatic
Transmission type V	8HP50	8HP50
<b>Motor data</b>		
<b>Motor</b>		
Bore, mm	82	82
Stroke, mm	94.6	94.6
Engine oil (exchange quantity), l	5.25	6.5
Rated engine power (kW), kW	185	250
Engine power (bHP), bHP	248	335
Valves p.cyl.	4	4
recomm.	AKI 91	AKI 91
Useable Fuel quality	AKI 89 MIN	AKI 89 MIN
Fuel type	gasoline	gasoline
Cylinders	4	6
Engine type	B46B2000	B58B30M0
Engine torque, Nm	350	500

Engine torque, ftlbs	258	368
Compression rate, :1	10.2	11
Displacement, cm <sup>3</sup>	1998	2998
rpm at maximum power, 1/min	5200-6500	5500-6500
maximum Engine speed at maximum torque, 1/min	4800	4500
rpm at maximum torque, 1/min	1450-4800	1520-4500
minimum Engine speed at maximum power, 1/min	5200	5500
minimum Engine speed at maximum torque, 1/min	1450	1520
maximum Engine speed at maximum power, 1/min	6500	6500
Engine power (HP), PS	252	340
<b>Communication</b>		
Power to weight ratio, kg/kW	8.8	6.8
Output per litre, kW/dm <sup>3</sup>	92.6	83.4
<b>Battery</b>		
System voltage (low voltage), V	12	12
Battery Capacity (low voltage), Ah	90	90
<b>Weight</b>		
<b>Vehicle weights</b>		
Curb weight (without driver), kg	1623	1688
vehicle curb weight without driver (front axle), kg	852	905
vehicle curb weight without driver (rear axle), kg	771	783
Gross veh. weight, kg	1985	2050
rear axle load limit, kg	1100	1110
Axle load limit front, kg	985	1025
Payload, kg	297	334
rear Weight distribution (empty car), %	47.5	46.4
<b>US weights</b>		
gross vehicle weight, lbs	4376	4519
Axle load limit rear, lbs	2425	2447
Payload lbs, lbs	655	736
Front axle load lbs, lbs	2172	2260
vehicle weight without driver empty fuel tank -FA, lbs	1863	1979
vehicle weight without driver empty fuel tank -RA, lbs	1629	1656
vehicle weight without driver empty fuel tank, lbs	3492	3635
vehicle curb weight inkl. 100% SAa und 33% SAs, lbs	3578	3721
<b>Performance /fuel eco.</b>		
<b>Performance</b>		
Top speed, km/h	210/240	210/240
0-100km/h, s	5.5	4.4
Final drive ratio	2.813	2.813
<b>Dimensions conversion</b>		
Minimum turning clearance circle (D 102), ft	37.1	37.1
Facing surface (A Stirn), ft	23.03	23.03
Head room 2.SR (H61-2), inch	36.5	36.5
Vehicle length (L103 OTD), inch	174.7	175.9
Vehicle width at side mirrors (W144) , inch	78.1	78.1
Overhang rear (L105 OTD), inch	37.9	37.9
Overhang front (L104 OTD), inch	30.9	32.2
Head room 1.SR (H62-1), inch	40.1	40.1
Leg room 1.SR (L34), inch	41.5	41.5
Wheelbase(L101), inch	105.9	105.9
Vehicle height (inch), inch	55.8	55.4
Leg room 2.SR (L51-2), inch	33	33
Ground clearance; curb weight (H156 OTD), inch	5.5	5.1
Vehicle width (W103 OTD), inch	69.8	69.8
Shoulder room 2.SR (W3-2), inch	53.4	53.4
Shoulder room 1.SR (W3-1), inch	54.4	54.4
EPA passenger volume index front (SAE), ft <sup>3</sup>	52.5	52.5
EPA passenger volume index second (SAE), ft <sup>3</sup>	37.2	37.2
<b>chassis</b>		
<b>Wheel/Tyres</b>		
Front rims	N/A	7,5Jx18 LM
Front rims var.1	N/A	7,5Jx18 LM
Front rims var.2	7,5Jx18 LM	7,5Jx18 LM
Front rims var.3	7,5Jx18 LM	N/A
Front rims var.4	7,5Jx18 LM	N/A
Front tyres	N/A	225/40 R18 92 V XL AS, 225/40 ZR18 88 Y
Front tyres var.1	N/A	225/40 R18 88 Y

Front tyres var.2	225/40 R18 92 V XL AS, 225/40 R18 88 Y	225/40 ZR18 88 Y
Front tyres var.3	225/40 ZR18 88 Y, 225/40 R18 88 Y	N/A
Front tyres var.4	225/40 ZR18 88 Y	N/A
Rear rims	N/A	8Jx18 LM, 7,5Jx18 LM
Rear rims var.1	N/A	8Jx18 LM
Rear rims var.2	8Jx18 LM, 7,5Jx18 LM	8Jx18 LM
Rear rims var.3	8Jx18 LM	N/A
Rear rims var.4	8Jx18 LM	N/A
Rear tyres	N/A	225/40 R18 92 V XL AS, 245/35 ZR18 92 Y XL
Rear tyres var.1	N/A	245/35 R18 88Y, 245/35 R18 88 Y
Rear tyres var.2	225/40 R18 92 V XL AS, 245/35 R18 88 Y	245/35 ZR18 92 Y XL
Rear tyres var.3	245/35 ZR18 92 Y XL, 245/35 R18 88 Y	N/A
Rear tyres var.4	245/35 ZR18 92 Y XL	N/A
Run flat tyres var.1	N/A	yes
Run flat tyres var.1	N/A	no, yes
Run flat tyres var.2	yes	no
Run flat tyres var.3	no, yes	N/A
Run flat tyres var.4, -	no	N/A
Track front mm	N/A	1516
Track front var.1, mm	N/A	1516
Track front var.2, mm	1512/1514	1516
Track front var.3, mm	1512/1514	N/A
Track front var.4, mm	1512/1514	N/A
Track rear mm	N/A	1534/1549
Track rear var.1, mm	N/A	1534
Track rear var.2, mm	1532/1549	1534
Track rear var.3, mm	1532/1535	N/A
Track rear var.4, mm	1532/1535	N/A
Wheel offset front var.1, mm		45
Wheel offset front var.2, mm	45	45
Wheel offset front var.3, mm	45	N/A
Wheel offset front var.4, mm	45	N/A
Wheel offset front, mm	40/43	45
Wheel offset rear var.1, mm		52
Wheel offset rear var.2, mm	45/52	52
Wheel offset rear var.3, mm	52	N/A
Wheel offset rear var.4, mm	52	N/A
Wheel offset rear, mm	40/43	45/52
<b>Steering</b>		
Power-steering	EPS	EPS
Steering transmission, overall, :1	14.6/15.1	14.6
<b>Aerodynamics conversion</b>		
CXA max (ft <sup>2</sup> ), ft	7.6	7.83
CXA min (ft <sup>2</sup> ), ft	6.91	7.83
<b>Aerodynamics</b>		
<b>Cx x A</b>		
Cx x A Min, m <sup>2</sup>	0.64	0.73
Cx x A Max, m <sup>2</sup>	0.71	0.73
<b>Cx</b>		
Cx Range, m <sup>2</sup>	0.3-0.33	0.34-0.34
Cx Min	0.3	0.34
Cx Max	0.33	0.34
<b>SCR</b>		
SCR (Yes/No)	No	No
<b>Tank</b>		
Fuel tank capacity (approx.) , l	52	52
US Tank capacity (gallons) - series, gal	13.7	13.7
<b>Emission</b>		
Emission classification (type-certified)***	SULEV30	ULEV125

Please note: Technical data show BC/WC ranges. Option specific configuration (pre-configuration) cannot be considered. If needed the information can be retrieved from WLTP sales documentation instead. If there is more than one value for a numerical data field within a combination of model type and transmission type, then the BC/WC value is shown. In case of non-numerical data fields, the values are separated by ",".