

Technical data

BMW UK

M8 Competition Convertible and M8 Competition Coupe

	M8 Competition Convertible	M8 Competition Coupe
Basic data summary		
Transmission type	Automatic	Automatic
Engine description	S63B44T4	S63B44T4
Seats	4	4
Number of doors	2-door car	2-door car
Engine type	Four-wheel drive	Four-wheel drive
SOV	01.11.2019-29.02.2020	01.11.2019-29.02.2020
Dimensions		
Exterior		
Length, mm	4867	4867
Width, mm	1907	1907
Height, mm	1353	1362
Width inc. mirrors, mm	2137	2137
Width incl.mirror driver, mm	1074	1074
Width incl.mirror passengers side, mm	1063	1063
Wheelbase, mm	2827	2827
Overhang front, mm	950	950
Rear overhang, mm	1090	1090
Turning circle, m	12.2	12.2
Ground clearance, mm	121	121
Label height front, upper edge, mm	487	487
Label height front, lower edge, mm	377	377
Label height back, upper edge, mm	653	658
Label height back, lower edge, mm	546	552
Label angle front, °	0	0
Label angle rear, °	14	14
Interior		
Shoulder width front, mm	1454	1454
Shoulder room rear, mm	1160	1192
Elbow width front, mm	1534	1534
Elbowroom rear, mm	1185	1185
effective legroom front (L34), mm	1070	1070
effective legroom rear second seating row (L51-2), mm	750	750
Max. headroom front, mm	988	987
Maximum headroom rear, mm	882	854
Knee clearance, mm	101	120
Seats	4	4
seats second row	2	2
internal loading (H196), mm	727	725
Distance, front wheel middle to middle luggage compartment, mm	3082	3082
Distance, front wheel middle to SRP, mm	1638	1638
Distance, front wheel middle to SRP 2. SR, mm	2303	2303
Luggage volumes		
Luggage volumes (V210-2), l	350	420
Weight		
Vehicle weights		
Curb weight (without driver), kg	2010	1885
Curb weight (with driver), kg	2085	1960
rear axle load limit, kg	1260	1230
rear Weight distribution (empty car), %	47.1	45.2
Gross veh. weight, kg	2440	2385

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Payload, kg	430	500
others		
~Maximale Masse der Zusatzausrüstung, kg	12	10
Performance /fuel eco.		
Final drive ratio	3.145	3.154
Top speed, km/h (mph)	250 (156)	250 (156)
0-100Km/h, s	3.2	3.3
Engine power (HP), PS	625	625
rpm at maximum power, 1/min	6000	6000
minimum Engine speed at maximum power, 1/min	6000	6000

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maximum Engine speed at maximum power, 1/min	6000	6000
Engine torque, Nm	750	750
rpm at maximum torque, 1/min	5860, 5600	5860, 5600
minimum Engine speed at maximum torque, 1/min	1800	1800
maximum Engine speed at maximum torque, 1/min	5860	5861
Fuel type	gasoline	gasoline
Useable Fuel quality	ROZ91-98	ROZ91-98
recomm.	ROZ98	ROZ98
Engine oil (exchange quantity), l	10	10
Gearbox		
Combustion engine		
Transmission type V	M8HP76	M8HP76
Transmission type	Automatic	Automatic
Nr. of gears	8	8
Gear ratios 1st gear**	5	5
2nd**	3.2	3.2
3rd**	2.143	2.143
4th**	1.72	1.72
5th**	1.313	1.313
6th**	1	1
7th**	0.823	0.823
8th**	0.64	0.64
Reverse gear**	3.478	3.478
Aerodynamics		
Cx		
Cx Min	0.33	0.33
Cx x A Max, m²	0.79	0.79
Stirnflaeche		
Facing surface , m²	2.25	2.25
Emission		
Emission classification (type-certified)***	Euro 6d-TEMP-EVAP-ISC	Euro 6d-TEMP-EVAP-ISC
chassis		
Wheel/Tyres		
Front tyres	275/35 ZR20 (102Y) XL, 275/40 ZR19 (105Y) XL	275/35 ZR20 (102Y) XL, 275/40 ZR19 (105Y) XL
Front rims	9,5Jx20, 9,5Jx19	9,5Jx20, 9,5Jx19
Rear tyres	285/35 ZR20 (104Y) XL, 285/40 ZR19 (107Y) XL	285/35 ZR20 (104Y) XL, 285/40 ZR19 (107Y) XL
Rear rims	10,5Jx19, 10,5Jx20	10,5Jx19, 10,5Jx20
Track front, mm	1623/1627	1623/1627
Width of the rear track, mm	1632	1632
Wheel offset front, mm	26/28	26/28
Wheel offset rear, mm	28	28
Run flat tyres	no	no
Steering		
Power-steering	EPS	EPS
Steering transmission, overall, :1	14.3	14.3
Tank		
Fuel tank capacity (approx.) , l	68	68

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Battery		
Battery Capacity (low voltage), Ah	70	70
System voltage (low voltage), V	12	12
SCR		
SCR (Yes/No)	No	No
US Motor conversion		
Engineoil	10.6	10.6
Emissions Information - CO2 combined (WLTP), g/km		
Wheel cluster: 1TH, 1TG	246	242