

Technical data

8 Series Coupé

				G15	
				840d xDrive	M850i xDrive
Engine type				B57D30T0	N63B44T3
Transmission type				automatic	automatic
Transmission type	--			8HP76 Sport	8HP76 Sport
Nr. of gears	--			8	8
Nr. axles	--			2	2
Powered axles	--			AWD	AWD
Seats	--			4	4
Number of Doors	--			2	2
Veh. length	mm			4843	4851
Width	mm			1902	1902
Height	mm			1341	1346
Width inc. mirrors	mm			2137	2137
Wheelbase	mm			2822	2822
Overhang front	mm			948	953
Rear overhang	mm			1073	1076
Turning circle	m			11.9	11.9
Ground clearance	mm			121	128
Shoulder width front	mm			1454	1454
Shoulder room rear	mm			1192	1192
Elbow width front	mm			1534	1534
Elbowroom rear	mm			1185	1185
Legroom front	mm			1070	1070
Legroom rear	mm			750	750
Max. headroom front	mm			987	987
Maximum headroom rear	mm			854	854
Knee clearance	mm			-79	-79
Luggage volume	m³			0.42	0.42
Fuel tank capacity (approx.)	litre			66	68
Curb weight (DIN)	kg			1830	1890
Curb weight (EC)	kg			1905	1965
Rear Weight distribution (empty car)	%			47.5	46.2
Gross veh. weight	kg			2370	2395
Payload	kg			540	505
Axle load limit front	kg			1175	1235
Rear axle load limit	kg			1290	1250
Roof load	kg			75	75
Petrol engine					
Engine type	--			B57D30T0	N63B44T3
Cylinders	--			6	8
Valves p.cyl.	--			4	4
Stroke	mm			90	88.3
Bore	mm			84	89
Displacement	cm³			2993	4395
Compression rate	:1			16.5	10.5
Rated engine power	kW			235	390
Engine power	PS			320	530
Engine power	BHP			316	523
at rpm	1/min			4400	5500-6000
Engine torque	Nm			680	750
Engine torque	ft lbs			502	553
at rpm	1/min			1750-2250	1800-4600
0-62mph	s			4.9	3.7
Top speed	mph			155	155
Useable fuel quality	--			Diesel	ROZ 91 MIN, E25 MAX
Recommended fuel quality	--			Diesel	ROZ95
Engine oil capacity	litre			6.5	10.5
Output per litre	kW/dm³			78.5	88.7
Power to weight ratio	kg/kW			7.8	4.8
Transmission type	--			8HP76 Sport	8HP76 Sport
Gear ratios 1st gear	--			5.5	5.5
2nd	--			3.52	3.52
3rd	--			2.2	2.2
4th	--			1.72	1.72
5th	--			1.317	1.317
6th	--			1	1
7th	--			0.823	0.823
8th	--			0.64	0.64
Reverse gear	--			-3.993	-3.993
Final drive ratio	--			2.647	2.813
Track front	mm			1619	1627
Width of the rear track	mm			1642	1642
Wheel offset front	mm			30	26
Wheel offset rear	mm			41	41
A	m²			2.22	2.22
Cx, min	--			0.29	0.33
Cx, max	--			0.32	0.34
Air resistance, min	m²			0.64	0.73
Air resistance, max	m²			0.71	0.75
NOx	g/km			0.0281	-
Alloy Wheels: 1N1, 1N3, 1N7, 1N9, 1W9					
Fuel consumption - urban	mpg - l/100km			37.6 (7.5)	21.9 (12.9)
Fuel consumption - extra urban	mpg - l/100km			53.2 (5.3)	36.2 (7.8)
Fuel consumption - combined	mpg - l/100km			46.3 (6.1)	29.1 (9.7)
CO2	g/km			160	221
Alloy Wheels: 1N0, 1N2, 1N6					
Fuel consumption - urban	mpg - l/100km			37.1 (7.6)	21.6 (13.1)
Fuel consumption - extra urban	mpg - l/100km			52.3 (5.4)	35.8 (7.9)
Fuel consumption - combined	mpg - l/100km			45.5 (6.2)	28.8 (9.8)
CO2	g/km			164	224
Emission classification (type-certified)	--			EU6d - TEMP	EU6d - TEMP
SCR (Yes/No)	--			Yes	No
SCR-Typ Activtank	--			P_Tank refillable with truck nozzle	-
AdBlue-Volume (Activtank)	litre			10	-