

The BMW M3 and its competitors – specifications compared.

		BMW M3	Porsche 911 Carrera
Engine and transmission			
Layout/cylinders/valves		V8/4	Boxer 6/4
Capacity	cc	3,999	3,596
Bore/stroke	mm	92.0/75.2	96.0/82.8
Compression ratio/fuel type	:1	12.0/RON 98	11.3/RON 98
Transmission		Six-speed	Six-speed
Drive type		RWD	RWD
Max. output/engine speed	kW (hp)/rpm	309 (420)/8,300	239 (325)/6,800
Max. torque/engine speed	Nm/rpm	400/3,900	370/4,250
Specific output	hp/l	105	90.4
Weight-to-power ratio (EU)	kg/hp	3.94	4.52
Performance			
Acceleration 0–100 km/h	sec	4.8	5.0
Top speed (limited)	km/h	250*	285
Fuel consumption and emissions			
Consumption, EU urban	l/100 km	17.9	16.1
Consumption, EU extra-urban	l/100 km	9.2	8.1
Consumption, EU combined	l/100 km	12.4	11.0
CO ₂ emissions	g/km	295	266
Emissions rating		EU 4	EU 4
Wheels			
Tyres (front and rear)		Front: 245/40 ZR 18 Rear: 265/40 ZR 18	Front: 235/40 ZR 18 Rear: 265/40 ZR 18
Wheels (front and rear)		8.5 J x 18"/9.5 J x 18"	8 J x 18"/10 J x 18"
Dimensions and weights			
Length/width/height	mm	4,615/1,804/1,418	4,427/1,808/1,310
Wheelbase/turning circle	mm/m	2,761/11.7	2,350/10.9
Track (front and rear)	mm	1,538/1,539	1,486/1,534
Kerb weight (EU)	kg	1,655	1,470
Permitted load, EU	kg	500	340
Drag C _d x A		0.68	0.56
Tank capacity (approx.)	l	63	64
Luggage compartment capacity (DIN 70020)	l	430	135

All BMW data are provisional values, status 02/2007. Based on ECE data. Subject to change.

* Electronically limited. NA = no data available.

Source of competitor data: Mercedes-Benz and Audi press databases, Porsche sales literature, "auto motor und sport" press reports.

Audi RS4

Mercedes-Benz CLK 63 AMG

V8/4	V8/4
4,163	6,208
84.5/92.8	102.2/94.6
12.5/RON 98	11.3/RON 98
Six-speed	Seven-speed automatic
AWD	RWD
309 (420)/7,800	354 (481)/6,800
430/5,500	630/5,000
100.9	77.5
4.11	3.65
4.8	4.7
250*	250*
20.6	21.3
9.3	10.0
13.4	14.2
322	338
EU 4	EU 4
255/40 ZR 18	Front: 255/40 R18 Rear: 255/35 R18
8.5 J x 18"	8.0 J x 18"/ 8.5 J x 18"
4,586/1,816/1,415	4,652/1,740/1,413
2,648/11.3	2,715/10.76
1,559/1,569	1,493/1,474
1,725	1,755
482	420
0.67	NA
63	62
460	435

