

BMW ALPINA B5

A U T O M O T I V E M A S T E R P I E C E 2 0 0 5



MANUFACTURER OF
EXCLUSIVE AUTOMOBILES

DIMENSIONS

Length	mm	4841
Width	mm	1846
Height, unladen	mm	1468
Wheelbase	mm	2888
Front track	mm	1558
Rear track	mm	1562
Luggage capacity	l	520
Fuel tank	l	70

WEIGHTS

Weight, unladen (DIN)	kg	1720
Weight to power ratio	kg/kW (kg/bhp)	4.67 (3.44)
Max. weight permitted	kg	2260
Payload	kg	540
Max. axle load, front	kg	1100
Max. axle load, rear	kg	1240
Max. trailer load permitted, braked	kg	2000
Max. trailer load permitted, unbraked	kg	750

ENGINE

Cylinder		V8 90°
Capacity	cm ³	4398
Bore	mm	92
Stroke	mm	82.7
Compression ratio	: 1	9.0
Max. power	kW/bhp	368/500
at	rpm	5500
Max. torque	Nm	700
at	rpm	4250
Engine management		BOSCH Motronic ME 9.2.1
Fuel		Super plus
Emission classification		Euro 4

TRANSMISSION

Transmission	ZF 6-speed automatic 6HP26 with SWITCH-TRONIC	
Transmission ratios	1 st gear	4.17
	2 nd gear	2.34
	3 rd gear	1.52
	4 th gear	1.14
	5 th gear	0.87
	6 th gear	0.69
	Reverse	3.40
Final drive ratio	: 1	3.38

BRAKES

Floating-caliper disc brakes - diameter, thickness

Front	374/36 mm
Rear	370/24 mm

WHEELS & TYRES

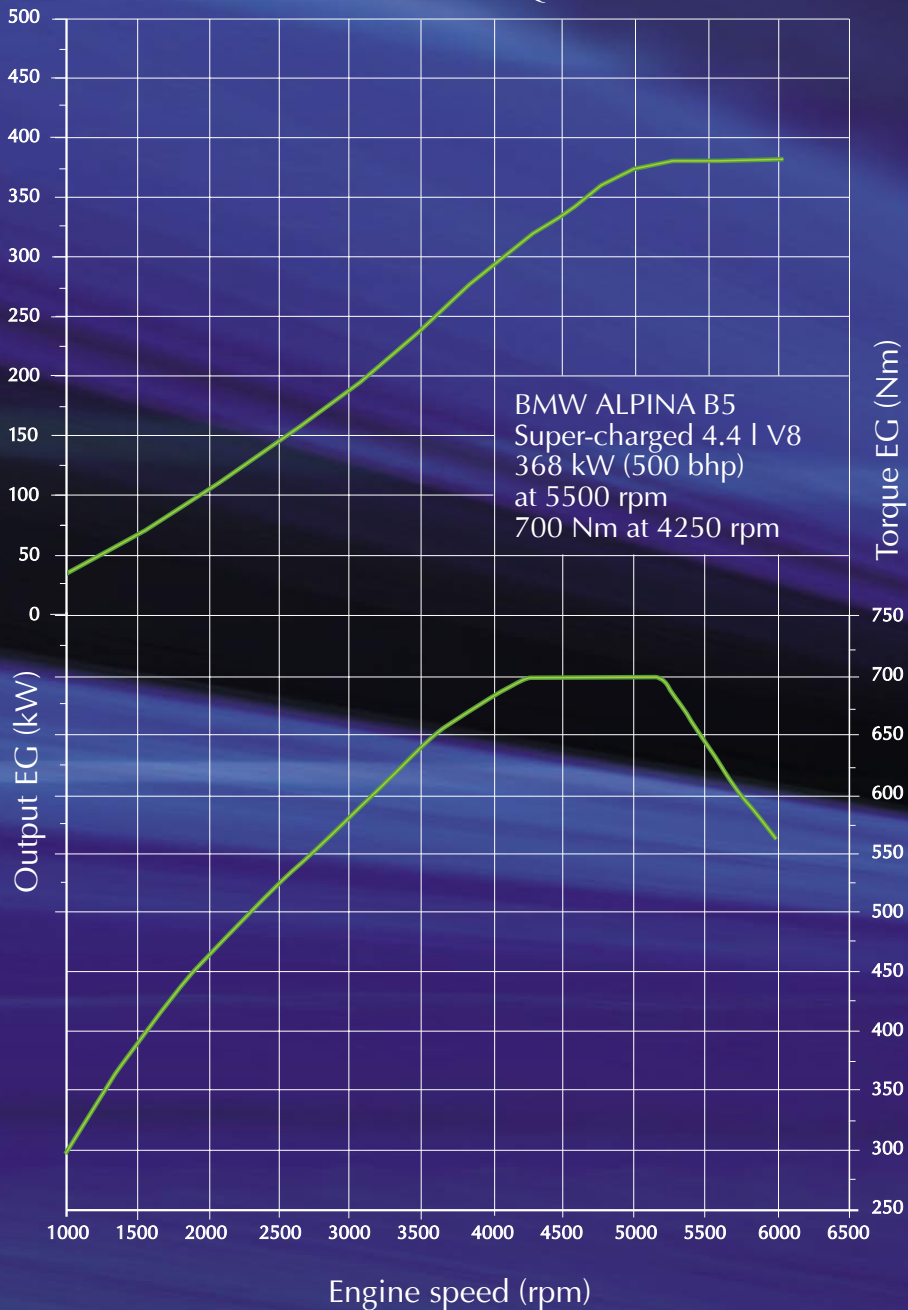
Weight-optimised light alloy wheels, 20-spoke design with concealed tyre valves behind lockable light alloy hub caps

	front	8.5 x 19"
	rear	9.5 x 19"
MICHELIN Pilot Sport 2 Tyres	front	245/40 ZR19
	rear	275/35 ZR19

PERFORMANCE

Acceleration 0-100 km/h	sec.	4.7
Top speed	km/h (mph)	300 (186)

PERFORMANCE AND TORQUE DIAGRAMME





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