



BMW
ALPINA
B6
BITURBO
COUPÉ
CONVERTIBLE



MANUFACTURER OF
EXCLUSIVE AUTOMOBILES



Dynamic ELEGANCE
PERFECTLY MATCHED





powerful APPEARANCE

ALPINA bestows the B6 Bi-Turbo models a unique, powerful appearance, which emphasises the sporting character of these striking automobiles purposefully but discreetly. The Convertible features a traditional soft-top which opens within seconds at the touch of a button, putting you into a mode of heightened sense of awareness - especially to the wonderful sound of the

V8 exhaust note. The Coupé appears concentrated and muscular, its stance and presence transport its eagerness to unleash its power in an extraordinary manner. Pursuant to the tradition laid down by the great coupés from Buchloe, the B6 Bi-Turbo is no exception. In fact it represents the pinnacle of athleticism and performance in the ALPINA universe.



OPEN AIR INDULGENCE

High-performance convertibles and grand coupés place special demands on their chassis – requiring distinct levels of comfort for easy cruising, safe and neutral handling at high speeds and light-footed agility for country road excursions. In order to do justice to this broad spectrum of requirements, the

B6 Bi-Turbo features the latest electronic suspension technologies and comes with Variable Damper Control (electronically adjustable dampers) and Dynamic Drive (active roll stabilisation) as standard.







SPORTING CHARACTER

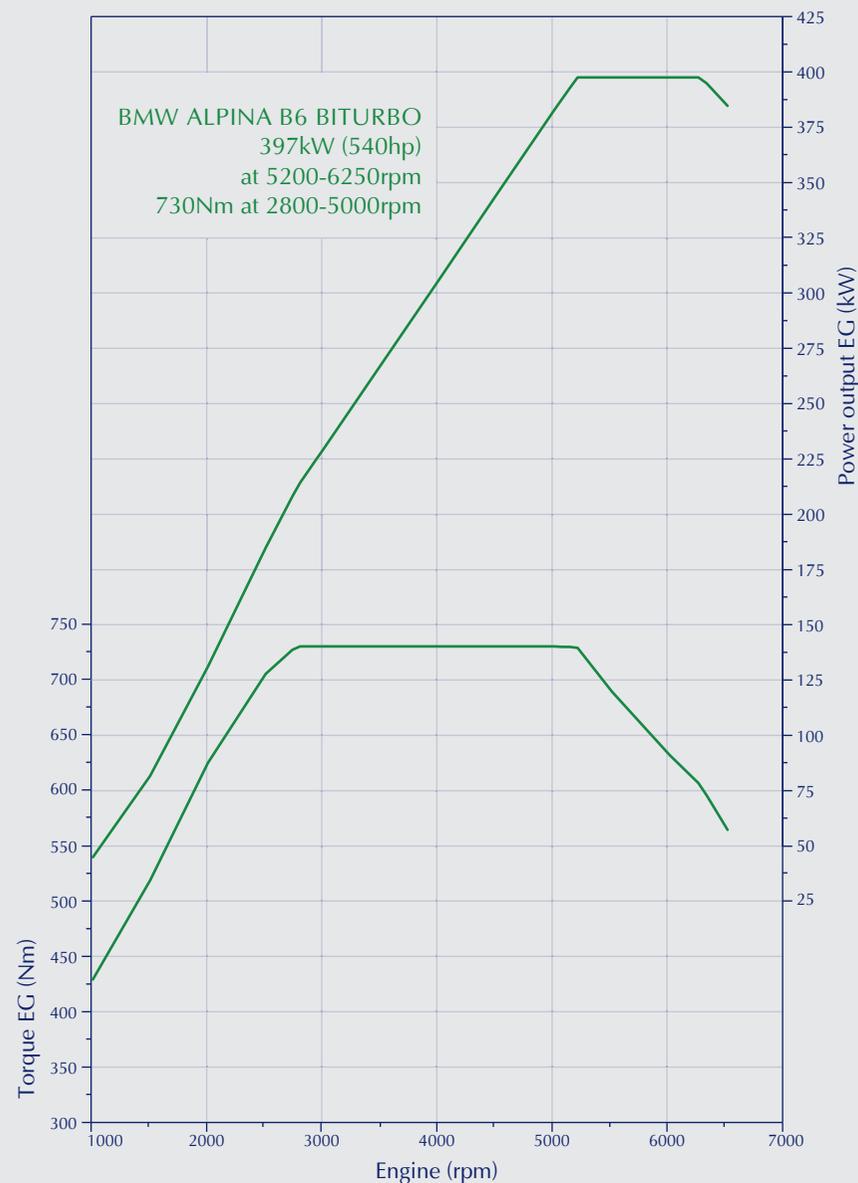
In collaboration with Akrapovic special attention was paid to the development of the lightweight exhaust system made entirely from high-strength titanium. Faithful to the guiding principle of 'form follows function', the entire system is laudable not only for its acoustics and appearance, but also for its weight-reduction of 45% and its detailed technical

refinements. In interaction with the powerful engine, the exhaust system generates a backdrop of deep, sonorous eight-cylinder sound – as powerful, sporty, but never obtrusive, due to intelligent, controllable exhaust valves. These offer the driver a special degree of influence over the sound experience, and can be controlled using the Drive Performance Control.



The all-aluminium V8 power plant produces 540hp (397kW) at a moderate 5200 to 6250rpm, with a maximum torque of 730Nm from 2800 to 5000rpm. Two turbo-chargers configured in parallel, each feeding one of the two cylinder banks, with specially developed exhaust-turbines allow this engine configuration to provide both exceptional power output and an abundance of torque over an especially broad rpm range while maintaining excellent throttle response at low rpm. In combination with the leading 8-speed Sports Automatic Transmission, which can be shifted at the wheel using the SWITCH-TRONIC buttons, the B6 Bi-Turbo offers unparalleled performance – accomplishing the 0-100km/h (0-62mph) sprint in just 4.3s and reaching a top speed of 320km/h (199mph).

PERFORMANCE AND TORQUE DIAGRAM BMW ALPINA B6 BITURBO



TECHNICAL DATA

BMW ALPINA B6 BITURBO

Further information on specific fuel consumption and specific CO₂ emissions of new passenger cars is given in „Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen“ which can be obtained free of charge at all points of sale and from the 'Deutsche Automobil Treuhand GmbH (DAT), Helmut-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen'.

ENGINE

Cylinders		V8 90°
Capacity	cm ³	4395
Bore	mm	89.0
Stroke	mm	88.3
Compression ratio	: 1	10.0
Max output	kW/hp	397/540
at	rpm	5200-6250
Max torque	Nm/lbs-ft	730/538
at	rpm	2800-5000
Engine management		BOSCH
		MEVD 17.2.8
Fuel type		Super Plus
Emission classification		Euro 5

PERFORMANCE

		COUPE	CONVERTIBLE
Acceleration 0-100km/h / 0-62mph	s	4.3	4.4
Acceleration 0-200km/h / 0-125mph	s	12.5	13.4
Top speed	mph / km/h	199 / 320	197 / 317

FUEL CONSUMPTION

Urban	mpg / l/100km	21.9 / 12.9	21.4 / 13.2
Extra-urban	mpg / l/100km	38.2 / 7.4	37.7 / 7.5
Combined	mpg / l/100km	30.1 / 9.4	29.4 / 9.6
CO ₂ emissions	g/km	219	224
Efficiency category		E	E

TRANSMISSION

Gearbox	8-Speed Sport-Automatic (ZF 8HP70) with SWITCH-TRONIC		
Gearbox ratios	1st gear	4.71	5th gear 1.29
	2nd gear	3.14	6th gear 1.00
	3rd gear	2.11	7th gear 0.84
	4th gear	1.67	8th gear 0.67
	Reverse		3.32
	Final drive ratio	:1	2.81

DIMENSIONS

Length	mm	4894	4894
Width	mm	1894	1894
Height, unladen	mm	1377	1373
Wheelbase	mm	2855	2855
Track, front	mm	1594	1594
Track, rear	mm	1637	1637
Luggage capacity (DIN)	l	460	300-350
Fuel tank, approx.	l	70	70

WHEELS & TYRES

ALPINA CLASSIC weight-optimised light alloy wheels, 20-spoke design with concealed tyre valves behind lockable hub caps, with MICHELIN Pilot Super Sport tyres:			
Front	8.5 x 20" with	255/35 ZR20 REINF	
EU-tyre label*		E/A/  71 dB	
Rear	9.5 x 20" with	285/30 ZR20 REINF	
EU-tyre label*		E/A/  73 dB	

WEIGHT

Unladen (DIN)	kg	1870	2020
Max permissible	kg	2320	2430
Permitted load	kg	450	410
Max axle load, front	kg	1185	1200
Max axle load, rear	kg	1240	1330

*EU-tyre label = fuel efficiency/wet grip/external rolling noise class

Modifications and errors excepted.



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ALPINA
DEALERSHIPS

The models in this brochure show the specification for the German market (LHD version). In part, they include optional equipment and accessories not fitted as standard. For precise information on model features and equipment, please contact your ALPINA dealer or importer. Subject to change in design and equipment. März 2013

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ALPINA

ALPINA RECYCLING

Your BMW ALPINA is part of an all-embracing recycling concept. Recycling demands are already considered early in the development process of a BMW ALPINA. An example of this is in the selection of materials – they are chosen, such that they are environmentally friendly and easily recyclable, using a minimum of resources to do so. Every BMW ALPINA is built so that it is easily and cost-effectively recyclable at the end of its useable life span. All this occurs in close co-operation between BMW and ALPINA. BMW Group have built a European-wide redemption and recycling infrastructure, and require high quality and environmental standards. For return of your automobile for the purposes of recycling, please contact your BMW ALPINA partner. They are ready to help. For further information about recycling firms and redemption locations, please see www.bmw.com



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