



MANUFACTURER OF  
EXCLUSIVE AUTOMOBILES



AUTOMOBILE MASTERPIECES *since 1965*

## BMW ALPINA D3 BITURBO

SALOON  
TOURING  
TOURING AWD





*unrivalled*  
PERFORMANCE,  
MAXIMUM  
EFFICIENCY







# *...in the familiar,* *harmonious* ALPINA STYLE

High torque and low emissions paired with dynamic handling and superior comfort – the new BMW ALPINA D3 Bi-Turbo excels in all disciplines.

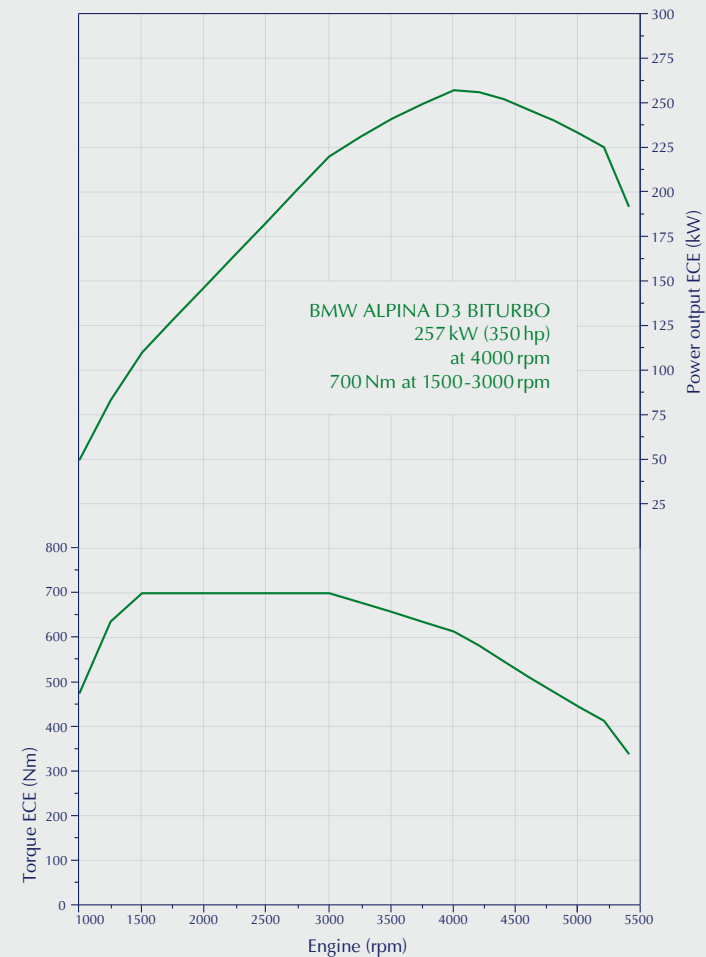
The BMW ALPINA D3 Bi-Turbo Saloon accelerates from 0 to 100 km/h in just 4.6 seconds and reaches a top speed of 276 km/h. This makes the combined fuel consumption of only 5.3 l/100 km and 139 g/km CO<sub>2</sub> based on the ECE norm all the more astonishing. With this automobile, ALPINA defines the benchmark for diesel performance, combining extraordinary power output and excellent efficiency with familiar ALPINA virtues appreciated by our customers worldwide.

The BMW ALPINA D3 Bi-Turbo Touring combines the power and efficiency of the Saloon with a high level of versatility for everyday and family use. Its long cruising range, generous power reserves and functional stowage space make it a sporty, luxurious all-rounder – optionally also available with all-wheel drive. Despite all this practicality, the BMW ALPINA D3 Bi-Turbo Touring will accelerate from 0 to 100 km/h in just 4.6 seconds and reach a top speed of 274 km/h. The combined fuel consumption measured to ECE norm is just 5.4 l/100 km and 142 g/km CO<sub>2</sub>.

# ‘POWERHOUSE’

The Bi-Turbo powertrain draws on the excellent characteristics of the underlying BMW full aluminium, straight-six 3.0 liter capacity engine with the latest generation of common rail direct injection and two-stage turbocharging. With the independence and freedom that small series development and manufacturing provides, ALPINA engineers have further refined the potential of this powertrain. The reduction of pressure losses through the optimisation and de-throttling of air intakes and air filter housings results in more power and better engine response. Combined with a corresponding adjustment of the boost and injection pressures this results in a maximum power output of 257 kW (350 hp) at 4000 rpm and an impressive 700 Nm of torque between 1500 rpm and 3000 rpm. A high-performance cooling system with a large-volume intercooler and external water and oil coolers ensures optimum operating temperatures even under peak thermodynamic loads. Sensitive sound application and a reduced silencer volume means the BMW ALPINA D3 Bi-Turbo's exhaust system emits a sporty soundtrack, especially at higher engine speeds. The stainless steel system features two elliptical twin tailpipes bearing the ALPINA and Akrapovič logos.

PERFORMANCE AND TORQUE DIAGRAM  
BMW ALPINA D3 BITURBO







# AGILITY *and* COMFORT

The chassis and suspension set-up of the BMW ALPINA D3 Bi-Turbo provides great ride-quality and comfort while simultaneously offering sharp and dynamic handling. The adaptive ALPINA sport suspension solves this conflict of interest by means of electronically adjustable dampers in collaboration with performance springs, bump stops and stabilisers. The system allows the driver to use the Drive Performance Control (Eco Pro, Comfort, Sport, Sport+) to select the suspension setting and driving dynamics to match his mood.

The 19" or optional 20" ALPINA CLASSIC wheels with performance MICHELIN Pilot Sport 4 S tyres, a strut brace and subtle adjustments to camber and

toe-in are responsible for the neutral and predictable handling that is typical of BMW ALPINA automobiles. New ALPINA CLASSIC 20" forged wheels with revised, minimalistic design. A reduction in unsprung mass results in even sharper handling and precise steering and also leads to enhanced comfort.

The optional all-wheel drive system, which is available for the BMW ALPINA D3 Bi-Turbo Touring, exploits the technical potential of BMW's xDrive system and its intelligent and dynamic distribution of drive power. It continuously and fully variably distributes torque between the front and rear axle within milliseconds for maximum traction and control.









## *exclusive* IDENTITY

The beautifully crafted front of the BMW ALPINA D3 Bi-Turbo, incorporating the unique design of the BMW LED headlights, appears focussed and dynamic. The chrome BMW kidney grill and chrome inserts above the air intakes accentuate the BMW ALPINA D3 Bi-Turbo's wide, muscular stance. The design of the front and rear spoiler blends seamlessly into the modern shape

of the BMW 3 Series. Following aerodynamic guidelines their function is to eliminate uplift for maximum high-speed stability. The new rear valence integrates the two elliptical twin tailpipes of the ALPINA exhaust system. The sophisticated design of the twenty spoke ALPINA CLASSIC wheel with lockable wheel centre lends the BMW ALPINA D3 Bi-Turbo a timeless elegance.





Fine materials, exclusive design elements and a comprehensive level of standard equipment make the interior a place of well-being. Discreet ALPINA design elements including door sills, floor mats, emblems in the seatbacks, a blue instrumentation with red needles and an exclusive production plaque featuring the vehicle build number are unique details.

Like every BMW ALPINA, the D3 Bi-Turbo's sport leather steering wheel is hand-finished using the finest LAVALINA leather. In a meticulous work process taking several hours to complete, each steering wheel features signature ALPINA colours in the form of parallel Blue and Green stitching.



## *...limitless* PERSONALISATION

Virtually no limits are placed on the individual design of a BMW ALPINA. From the paintwork to the interior trim and the colour of the upholstery – everything offered by the extensive BMW and ALPINA optional and bespoke equipment range is available. Seldom does a BMW ALPINA leave the manufactory in Buchloe without

making use of the virtually limitless personalisation options available. The ALPINA philosophy dictates that the customer can design his or her own interior – assembled by skilled craftsmen in the ALPINA leather workshop.





# TECHNICAL DATA

## BMW ALPINA D3 BITURBO

This is a translation of the original German brochure which fulfils the requirements of German law. All technical data in this brochure apply to the German market, additional international units of measure shown in the technical data for the purposes of information only.

Further information on specific fuel consumption and specific CO<sub>2</sub> emissions of new passenger cars is given in „Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen“ which can be obtained free of charge at all points of sale and from the 'Deutscher Automobil Treuhand GmbH (DAT), Helmut-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen'.

<sup>1</sup> The figures are determined using the prescribed measuring methods (ECE-R 101 in its current version)





<sup>2</sup> The figures quoted includes a 90 % tank filling, 68 kg for the driver and 7 kg for luggage. Unladen weight applies to vehicles with standard equipment.

Optional equipment may increase this figure.

<sup>3</sup> EU-tyre label = fuel efficiency/wet grip/external rolling noise class.

<sup>4</sup> Standard equipment for Touring with all-wheel drive, otherwise optionally available.

Differing data for all-wheel drive in (). Modifications and errors excepted.

ENGINE					PERFORMANCE			SALOON	TOURING	WEIGHT		SALOON	TOURING
Cylinders	6 in line		Acceleration						Unladen (EU) <sup>2</sup>	kg	1660	1730 (1800)	
Capacity	cm³	2993	0-100 km/h / 0-62 mph		s	4.6	4.6	(4.5)	Max permissible	kg	2135	2205 (2275)	
Bore	mm	84.0	Acceleration						Permitted load	kg	550	550	
Stroke	mm	90.0	0-200 km/h / 0-125 mph		s	18.0	18.1	(18.7)	Max axle load:				
Compression ratio	: 1	16.5	Top speed		km/h	276	274	(270)	front	kg	1020	1030 (1080)	
Max output at	kW (hp)	257 (350)			mph	172	170	(168)	rear	kg	1185	1260 (1270)	
Max torque at	Nm / lbs-ft	700 / 516							Max trailer load:				
Engine management	BOSCH								braked	kg	1800	1800	
	DDE 7.31								unbraked	kg	750	750	
Fuel type	Diesel												
Emission classification	Euro 6												
TRANSMISSION					FUEL CONSUMPTION <sup>1</sup>			SALOON	TOURING	WHEELS & TYRES			
Type	8-Speed Sport-Automatic (ZF 8HP70) with SWITCH-TRONIC				Urban	l/100 km	6.0	6.1	(6.3)	ALPINA CLASSIC 19" with MICHELIN Pilot Sport 4 S:			
						mpg	47.1	46.3	(44.8)	Front	8 x 19" with	245/35 ZR19 (93Y) XL	
										EU-tyre label <sup>3</sup>		E/A/  71 dB	
Transmission ratios : 1	1st gear	4.71	5th gear	1.29	Extra-urban	l/100 km	4.9	5.0	(5.2)	Rear	9 x 19" with	265/35 ZR19 (98Y) XL	
	2nd gear	3.14	6th gear	1.00		mpg	57.7	56.5	(54.3)		EU-tyre label <sup>3</sup>	C/A/  71 dB	
	3rd gear	2.11	7th gear	0.84						ALPINA CLASSIC 20" <sup>4</sup> with MICHELIN Pilot Sport 4 S:			
	4th gear	1.67	8th gear	0.67	Combined	l/100 km	5.3	5.4	(5.6)	Front	8 x 20" with	245/30 ZR20 (90Y) XL	
						mpg	53.3	52.3	(50.4)	EU-tyre label <sup>3</sup>		E/A/  71 dB	
	Overall gear ratio	7.0			CO <sub>2</sub> emissions combined	g/km	139	142	(147)	Rear	9 x 20" with	265/30 ZR20 (94Y) XL	
	Reverse gear ratio	:1	3.32		CO <sub>2</sub> efficiency (Germany)		B	B		EU-tyre label <sup>3</sup>		E/A/  71 dB	
	Final drive ratio	:1	2.81										





ELEGANT *and dynamic* AESTHETICS

## 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](http://www.bmw.com)

# ALPINA

The models illustrated in this brochure may show the specifications of vehicles produced for Germany or another market. In part, the specifications include optional equipment and accessories not fitted as standard. According to the specific requirements of other markets or countries, alterations in models, standard and optional equipment may occur. Not all model versions, for example all-wheel drive, may be available in your market or country. This is a translation of the original German brochure which fulfils the requirements of German law. All technical data in this brochure apply to the German market, additional international units of measure shown in the technical data for the purposes of information only. For precise information on model features, equipment, fuel consumption and CO2 emissions as they apply to your country please contact your local BMW ALPINA dealer or importer. Subject to change in design, equipment and technical data. September 2017 © ALPINA

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