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EXCLUSIVE AUTOMOBILES



BMW ALPINA B4 GRAN COUPÉ

PRESS RELEASE *March 2022*

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## EMPOWERED ELEGANCE

### THE NEW BMW ALPINA B4 GRAN COUPÉ

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The ALPINA automobile manufactory is adding another four-door coupé to its model line-up, breathing new life into the popular and celebrated 4 Series. The BMW ALPINA B4 Gran Coupé unites the traditional ALPINA virtues in a vehicle concept as powerful as it is elegant. The design: iconic. The performance: explosive. The driving experience: unique.

- **Power output and torque:** The straight-six 3.0 litre engine with bi-turbo charging delivers a power output of 364 kW (495 hp) and a maximum torque of 730 Nm (538 lb-ft).
- **Performance:** Plenty of power reserves combined with the newest ZF 8HP76 8-Speed Sport Automatic Transmission means acceleration from 0 to 100 km/h takes just 3.7 seconds. The maximum speed is 301 km/h (187 mph).
- **Driving experience:** The ALPINA Sport Suspension not only offers high-level driving dynamics but also lots of comfort for relaxed touring. Substantial changes to the suspension, chassis optimisations and of course the ALPINA specific ultra-high performance tyres provide the superior driving experience that is the hallmark of BMW ALPINA automobiles.
- **Vehicle design:** The ALPINA aerodynamic components give the BMW ALPINA B4 Gran Coupé an individualistic, expressive appearance. The new ALPINA CLASSIC 20" wheels reinterpret the typical 20-spoke wheel design that is synonymous with the brand.
- **Interior:** The standard equipment is class leading, combining comfort functions like seat and steering wheel heating with the latest BMW Driving Assistant technology. The vehicle interior upholstery can be customised to each customer's wishes, with ALPINA's in-house leather workshop offering near-unlimited design possibilities with its LAVALINA leather interiors.
- **Market launch:** The BMW ALPINA B4 Gran Coupé is available to order as of immediately. Deliveries are expected to begin in July 2022.

## ENGINE POWER AND RUNNING SMOOTHNESS

### STRAIGHT-SIX 3.0 LITRE ENGINE WITH BITURBO CHARGING

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The new BMW ALPINA B4 Gran Coupé features the same straight-six cylinder engine as the BMW ALPINA B3, known for its superior power development, torque and smoothness. With a new exhaust system featuring the latest exhaust gas treatment technology and new engine software, this drivetrain represents a new stage of evolution. It now generates 364 kW (495 hp) of power – an increase of 24 kW (33 hp) – from 3.0 litres of displacement and two mono-scroll turbochargers. The maximum torque has increased by 30 Nm (22 lb-ft) to 730 Nm (538 lb-ft).

The drivetrain provides brisk propulsion, catapulting the BMW ALPINA B4 from 0 to 100 km/h in just 3.7 seconds. The maximum speed is 301 km/h (187 mph).

The straight-six cylinder bi-turbo engine, which is based on the BMW S58 engine, is fitted with ALPINA specific flow-optimised turbine housings to effectively convert exhaust gas energy into boost pressure at low engine speeds. The large intercooler increases the efficiency of the charging system. An optimised air intake duct with large-volume air filter housings aids engine response. The power delivery is effortless throughout the full rpm range, which is a hallmark of the superior driving experience for which ALPINA is known.

Thermal stability is ensured by a high-performance cooling system with two relocated coolant coolers, cooling air ducts with an optimised cross section and a powerful main cooling package paired with a 1,000-watt electric fan.

The ALPINA engineers worked with the transmission experts from ZF to specifically adapt the 8-Speed Sport Automatic Transmission from the 8HP76 generation to the torquey drivetrain, resulting in both outstanding shift comfort and shift dynamics depending on the chosen transmission mode. To be able to handle a torque output of 730 Nm (538 lb-ft), selected transmission components like the torque converter and the wheel set have been structurally reinforced.

## ENGINE POWER AND RUNNING SMOOTHNESS STRAIGHT-SIX 3.0 LITRE ENGINE WITH BITURBO CHARGING

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The all-wheel drive is based on the BMW xDrive system, which allows for a fully variable torque distribution between the front and rear axle. As befits the athletic character of the BMW ALPINA B4, the torque distribution is rear-wheel biased. In addition, the electronically controlled rear limited-slip differential ensures optimal traction and agility – especially during dynamic cornering.

The BMW ALPINA B4 Gran Coupé exhaust system combines close-coupled catalytic converters and underbody catalytic converters with two gasoline particulate filters. To reduce the exhaust back pressure, the ALPINA engineers rely on wide diameters in the exhaust system as well as large cross section particulate filters. The new BMW ALPINA B4 Gran Coupé has been homologated to the latest Euro 6d-ISC-FCM emission standard. Fuel consumption measured according to the new and more realistic WLTP measuring cycle (Worldwide Harmonized Light-Duty Vehicles Test Procedure) is 10.1 l/100 km with CO<sub>2</sub> emissions of 229 g/km.\*

\*Stated fuel consumption and CO<sub>2</sub> emissions are measured pursuant to EU Regulation 715/2007 in its applicable version.  
For more information please see NEW TESTPROCEDURE (WLTP) at the end of this press release.

## TRAVEL COMFORT AND DRIVING DYNAMICS

### THE ALPINA SPORT SUSPENSION

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As a true Gran Turismo, the BMW ALPINA B4 Gran Coupé combines emotional driving dynamics with comfortable touring. The ALPINA Sport Suspension masters challenging road conditions with ease and excels in dynamic driving manoeuvres, remaining composed at high speeds with a strong sense of safety.

The high torsional rigidity that is the hallmark of the BMW 4 Series chassis elevates the handling potential. Suspension components optimised for rigidity and weight as well as upgraded bushings and mounts ensure dynamic, authoritative feedback from the vehicle. The BMW ALPINA B4 is equipped with unique dome-bulkhead reinforcement struts.

A negative camber of 1.25° at the front axle in combination with specially developed front-axle anti-roll bars increase lateral dynamics significantly. A bespoke spring and damper configuration ensures balanced suspension characteristics and the specific adaptation of the variable damper control ensures a noticeable differentiation between the various driving modes.

The variable sports steering offers direct steering feel and feedback. The driver can choose between three steering modes: COMFORT mode offers balanced directional stability with a good safety feeling into the higher-speed range, while the two SPORT modes are characterised by substantially more direct feedback.

The brake system has been dimensioned with the handling potential of the BMW ALPINA B4 and a top speed of 301 km/h (187 mph) in mind. Four-piston fixed brake callipers with Ø 395 mm (15.6") brake discs at the front axle and floating brake callipers with Ø 345 mm (13.6") brake discs at the rear axle offer generous safety reserves. The optional high-performance brake system\* with drilled lightweight composite brake discs offers more precise pedal feedback and thermodynamic reserves.

\*Please note that drilled brake discs may lead to a loss of acoustic comfort.

## NEW WHEEL DESIGN, HIGH-PERFORMANCE TYRES

### WHEELS & TYRES

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The wheel design reinterprets the classic 20-spoke design, which has long since become an ALPINA trademark, by taking up the design cues from the striking vehicle silhouette. The wheel with its long and thin spokes is manufactured in a complex forging process, which results in a weight of only 12 kg, quite remarkable for a wheel size of 20". The low rotational mass helps to achieve excellent ride quality despite the performance wheel/tyre configuration which measures 8.5x20" with 255/35 ZR20 at the front and 10x20" with 285/30 ZR20 at the rear. The wheels are optionally available in Black or Anthracite.

The Pirelli P ZERO ultra-high performance tyres\* offer high levels of grip and lateral support. The manufacturer code ALP on the tyre flank indicates that this is a custom tyre developed specifically by Pirelli for ALPINA. During the development process equal emphasis was placed on ride comfort and dynamic characteristics. For winter driving and colder climates 20" Pirelli SOTTOZERO Serie II (ALP) tyres\*\* are available.

\*EU tyre label: D / B / A, 70 dB front, D / B / A, 70 dB rear.

\*\*EU tyre label: D / B / A, 70 dB front, D / B / A, 70 dB rear.

EU tyre label = fuel efficiency / wet grip / noise class, external rolling noise.

For further information, please visit [www.alpina.de/tyrelabel](http://www.alpina.de/tyrelabel).

## ELEGANT COUPÉ LINE, POWERFUL PRESENCE DESIGN & EQUIPMENT

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The BMW ALPINA B4 Gran Coupé is characterised by an expressive, elegant design with an elongated silhouette and flowing roofline.

The ALPINA front spoiler accentuates the athletic front, while at the rear an unobtrusive spoiler takes up the elegant coupé lines. The rear also features four oval tailpipes of the ALPINA sport exhaust system, a long-standing hallmark of the brand, between which a rear diffuser is neatly integrated.

A wide range of BMW and BMW Individual paint finishes are available for the BMW ALPINA B4. The ALPINA Blue and ALPINA Green metallic paint finishes synonymous with the brand are exclusively reserved for the BMW ALPINA automobiles.

The standard equipment of the BMW ALPINA B4 is class leading and includes comfort features such as seat and steering wheel heating but also the latest BMW assistance systems like the Parking and Driving Assistant including Speed Limit Assist, Cross Traffic Alert and Lane Change Warning. Elegant details like the ALPINA production plaque with individual build number or the steering wheel hand-stitched in luxurious LAVALINA leather add a touch of exclusivity to the interior.

The BMW ALPINA B4 interior can also be upgraded to a complete bespoke LAVALINA leather upholstery. The naturally tanned leather is in a quality class of its own in the automotive segment, and is prized for both its supple softness and its temperature-balancing properties. In ALPINA's in-house leather workshop, even the most unique customer wishes can be made reality by master craftsmen.

## MARKET LAUNCH

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The new BMW ALPINA B4 is available to order immediately with deliveries commencing in July 2022.

Recommended retail prices in EUR incl. 19 % German sales tax ex-factory Buchloe:

**BMW ALPINA B4 GRAN COUPÉ:                    91.800,- Euro.**

This text applies to the German market only. For precise information on model features, standard equipment, fuel consumption and CO<sub>2</sub> emissions as they apply to your country please contact your local BMW ALPINA dealer or importer. Modifications and errors excepted.

## ALPINA - MANUFACTURER OF EXCLUSIVE AUTOMOBILES

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Burkard Bovensiepen founded the automobile manufactory ALPINA in 1965. Ever since, Buchloe has been home to probably the world's most renowned automobiles based on BMW models, developed and produced by the independent family-owned business in cooperation with BMW. This close partnership forms the basis for the continued success of the ALPINA brand: individual automobiles are manufactured with great love for detail and technical finesse, which, however, at the same time meet the high quality and safety standards of series production. Since 1983, ALPINA is officially registered as an automobile manufacturer by the German Ministry of Transport, the Kraftfahrtbundesamt.

Elegant understatement is at the very core of ALPINA's brand philosophy, which is manifested in an interior with the focus on comfort, above-average driving performance and a discreetly sporty exterior. BMW ALPINA automobiles have regularly caused sensations, both on the road and the race track – the result of a remarkable model history.

Founder Burkard Bovensiepen runs the company together with his sons Andreas and Florian.

Buchloe, March 2022



# TECHNICAL DATA

## BMW ALPINA B4 GRAN COUPÉ

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 CO<sub>2</sub> emissions of new passenger cars is provided by the '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 Deutsche Automobil Treuhand GmbH (DAT) or online <https://www.dat.de/co2>.

<sup>1</sup> Stated fuel consumption and CO<sub>2</sub> emissions are measured pursuant to EU Regulation 715/2007 in its applicable version. From 1st of September 2018 the Worldwide Harmonized Light Vehicles Test Procedure (WLTP) has replaced the New European Driving Cycle (NEDC). Regardless of the applied test procedure, it is currently still mandatory to state fuel consumption and CO<sub>2</sub> emissions according to NEDC, hence stated values are determined based on the WLTP test procedure and are converted to NEDC for comparison purposes. Depending on your country, vehicle related taxes or other duties may be based on fuel consumption and CO<sub>2</sub> emissions data which differs from that stated here. The provision of additional fuel consumption and CO<sub>2</sub> emissions as determined according to WLTP is currently voluntary until their provision becomes mandatory by law.

<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 / noise class, external rolling noise. For further information please visit [www.alpina.de/tyrelabel](http://www.alpina.de/tyrelabel).

<sup>4</sup> Modifications and errors excepted.

<sup>5</sup> Preliminary data.

### ENGINE <sup>4</sup>

Cylinders	6 in line	
Capacity	cm <sup>3</sup>	2993
Bore	mm	84.0
Stroke	mm	90.0
Compression ratio	:1	9.3
Max output	kW (hp)	364 (495)
Max output at	rpm	5000 - 7000
Max torque	Nm / lb-ft	730 / 538
Max torque at	rpm	2500 - 4500
Engine management	BOSCH DME 8,6 S	
Fuel type	98-octane	
Emission classification	Euro 6d-ISC-FCM	

### TRANSMISSION <sup>4</sup>

Type	8-Speed Sport-Automatic (ZF 8HP76) with ALPINA SWITCH-TRONIC	
Transmission ratios :1		
	1st gear 5.00	5th gear 1.31
	2nd gear 3.20	6th gear 1.00
	3rd gear 2.14	7th gear 0.82
	4th gear 1.72	8th gear 0.64
Overall gear ratio	7.81	
Reverse gear ratio	:1	3.48
Final drive ratio	:1	2.81

### PERFORMANCE <sup>4</sup>

Acceleration		
0-100 km/h / 0-62 mph	s	3.7
Acceleration		
0-200 km/h / 0-124 mph	s	12.9
Top speed	km/h	301
	mph	187

### CONSUMPTION <sup>1,4,5</sup>

<b>Official Fuel Consumption NEDC correlated</b>		
Urban	l/100 km	14.0
	mpg	20.2
Extra-Urban	l/100 km	7.4
	mpg	38.2
Combined	l/100 km	9.8
	mpg	28.8
<b>Official CO<sub>2</sub> emissions NEDC correlated</b>		
Combined	g/km	223
CO <sub>2</sub> efficiency (Germany)	E	
<b>Additional Information WLTP</b>		
Fuel consumption WLTP combined	l/100 km	10.1
CO <sub>2</sub> emissions WLTP combined	g/km	229

### DIMENSIONS <sup>4</sup>

Length	mm	4792
Width	mm	1850
Width with exterior mirrors	mm	2073
Height, unladen	mm	1440
Wheelbase	mm	2856
Track, front	mm	1593
Track, rear	mm	1588
Luggage capacity	l	470-1290
Fuel tank, approx.	l	59

### WEIGHT <sup>4</sup>

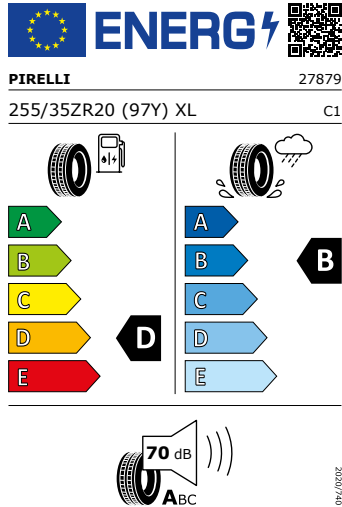
Unladen (EU) <sup>2</sup>	kg	1965
Max permissible	kg	2400
Permitted load	kg	510
Max axle load:		
front	kg	1155
rear	kg	1325
Max trailer load:		
braked	kg	1800
unbraked	kg	750

### WHEELS AND TYRES <sup>3,4</sup>

ALPINA CLASSIC 20" forged wheels with Pirelli P ZERO (ALP)		
front	8.5 x 20" with 255/35 ZR20 (97Y) XL	
EU tyre label	D / B / A, 70 dB	
rear	10 x 20" with 285/30 ZR20 (99Y) XL	
EU tyre label	D / B / A, 70 dB	

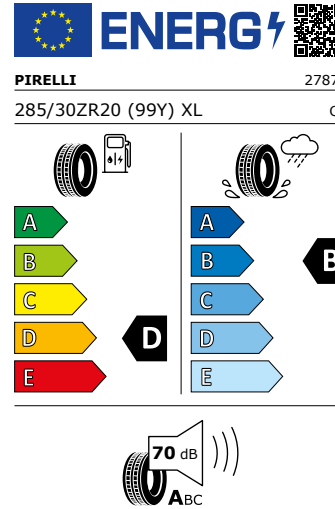
# EU-TYRE LABEL

## ALPINA CLASSIC 20"



### Product Information Sheet Delegated Regulation (EU) 2020/740

Supplier name	PIRELLI
Commercial name	PZERO
Tyre type identifier	27879
Tyre size designation	255/35ZR20
Load-capacity index	97
Speed category symbol	(Y)
Fuel efficiency class	D
Wet grip class	B
External rolling noise class	A
External rolling noise value	70 dB
Severe snow tyre	No
Ice tyre	No
Date of start of production	09/17
Date of end of production	-
Load version	XL
Additional information	



### Product Information Sheet Delegated Regulation (EU) 2020/740

Supplier name	PIRELLI
Commercial name	PZERO
Tyre type identifier	27877
Tyre size designation	285/30ZR20
Load-capacity index	99
Speed category symbol	(Y)
Fuel efficiency class	D
Wet grip class	B
External rolling noise class	A
External rolling noise value	70 dB
Severe snow tyre	No
Ice tyre	No
Date of start of production	09/17
Date of end of production	-
Load version	XL
Additional information	

### Information according to Regulation (EU) 2020/740:

Actual fuel savings and road safety depend heavily on the behaviour of drivers. Eco-driving can significantly reduce fuel consumption. Tyre pressure needs to be regularly checked to optimise fuel efficiency and wet grip. Stopping distances must always be respected.

[EU tyre labels - information according to Regulation \(EU\) 2020/740](http://www.alpina-automobiles.com/tyrelabel)

[www.alpina-automobiles.com/tyrelabel](http://www.alpina-automobiles.com/tyrelabel)

## NEW TEST PROCEDERE WLTP

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Further information on specific fuel consumption and CO<sub>2</sub> emissions of new passenger cars is provided by the ‚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 Deutsche Automobil Treuhand GmbH (DAT) or online <https://www.dat.de/co2/>.

# ALPINA

[www.ALPINA.DE](http://www.ALPINA.DE) | [www.ALPINA-CONFIGURATOR.DE](http://www.ALPINA-CONFIGURATOR.DE) | [www.FACEBOOK.COM/ALPINA AUTOMOBILE](https://www.FACEBOOK.COM/ALPINA AUTOMOBILE) | [www.YOUTUBE.COM/ALPINA AUTOMOBILES](https://www.YOUTUBE.COM/ALPINA AUTOMOBILES)

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