



# BMW 2 Series Coupé.

2022MY PRODUCT GUIDE.

## THE ALL-NEW BMW 2 SERIES COUPÉ – HIGHLIGHTS.

Lift reduced by 50% thanks to optimised aerodynamics.\*

Weight minimisation and additional dynamics-focused bracing elements increase torsional rigidity.

Increased negative camber: 30° at the front axle.\*

M Sport differential fitted as standard on the BMW M240i xDrive. Available as an option for the BMW 230i Coupé.

Rear-wheel-biased all-wheel-drive system BMW xDrive (BMW M240i xDrive).

Lift-related dampers fitted as standard, electronically controlled dampers available as an option with adaptive M suspension.



LED rear lights with three-dimensional sculpting.



Rear track: + 31 mm.\*

Wheelbase: + 51 mm.\*

Front track: + 54 mm.\*

\* Compared with the predecessor model.

Pictured is the BMW M240i xDrive.

## THE ALL-NEW BMW 2 SERIES COUPÉ – HIGHLIGHTS EXTERIOR.

Six-cylinder in-line engine with 275 kW/374 hp in the BMW M240i xDrive is the range-topping power unit.

Newly designed BMW kidney grille with vertically arranged air flaps in place of the classical grille bars.

Extrovert design with sporty proportions.

Individual circular headlights recall the legendary BMW 02 models.

Pictured is the BMW M240i xDrive.



Active air flap control.



Full-LED technology comes as standard; Adaptive LED Headlights with BMW Selective Beam optional.



M exterior mirror caps.

BMW 2 Series Coupé,  
G42, US, BMW  
[Validity date: 01.09.2021]

New model types

53CM

BMW M240i xDrive 2-door coupe

**Basic data summary**

Transmission type	automatic
Engine description	B58B3001
Seats	4
Number of doors	2-door car
Engine type	Four-wheel drive
SOV	01.08.2021-30.11.2021

**Gearbox**

**Combustion engine**

Transmission ratio 2nd gear**; 2nd**	3.36
Transmission ratio 7th gear**; 7th**	0.822
Transmission ratio reverse gear**	3.712
Transmission ratio 6th gear**; 6th**	1
Transmission ratio 1st gear**; 1st**	5.25
Transmission ratio 3rd gear**; 3rd**	2.172
Transmission ratio 5th gear**; 5th**	1.316
Transmission ratio 4th gear**; 4th**	1.72
Transmission ratio 8th gear**; 8th**	0.64
Nr. of gears	8
Transmission type	automatic
Transmission type V	GA8X51CZ

**Motor data**

**Motor**

Cylinders	6
Valves p.cyl.	4
Emission classification (type-certified)***	ULEV70
Engine type	B58B3001
Useable Fuel quality	AKI 89 MIN
Fuel type	gasoline
recomm.	AKI 91
Compression rate, :1	10.2
minimum Engine speed at maximum torque, 1/min	1800
maximum Engine speed at maximum power, 1/min	6500
maximum Engine speed at maximum torque, 1/min	5000
minimum Engine speed at maximum power, 1/min	5800
rpm at maximum torque, 1/min	1800-5000
rpm at maximum power, 1/min	5800-6500
Engine power (bHP), bHP	382
Displacement, cm <sup>3</sup>	2998
Rated engine power (kW), kW	285

Engine oil (exchange quantity), l	7.2
Stroke, mm	94.6
Bore, mm	82
Engine torque, Nm	500
Engine power (HP), PS	387
<b>Communication</b>	
Power to weight ratio, kg/kW	6.2
Output per litre, kW/dm <sup>3</sup>	95.1
<b>US Motor conversion</b>	
Engineoil	7.6
Engine torque, ftlbs	369
Bore (inch), inch	3.23
Lifting (inch), inch	3.72
Capacity (inch <sup>3</sup> ), inch	182.92
<b>Aerodynamics</b>	
<b>Cx</b>	
Cx Max	0.35
Cx Min	0.3
Cx Range, m <sup>2</sup>	0.3-0.35
<b>Cx x A</b>	
Cx x A Min, m <sup>2</sup>	0.65
Cx x A Max, m <sup>2</sup>	0.76
<b>Dimensions</b>	
<b>Interior</b>	
Seats overall (N-ges)	4
Seats 2.SR (N-2)	2
Head room 1.SR(H62-1), mm	1011
Head room 2.SR with sunroof(H61-2 SR), mm	882
Shoulder room 2.SR(W3-2), mm	1314
Elbow width 2.SR (W3-2), mm	1399
Leg room 1.SR(L34), mm	1061
Knee clearance 2.SR (L48-2 Prak), mm	-9
Elbow width 1.SR (W3-1), mm	1505
Shoulder room 1.SR(W3-1), mm	1419
Leg room 2.SR(L51-2), mm	818
Head room 2.SR(H61-2), mm	890
Head room1.SR with sunroof (H62-1 SR), mm	969
<b>Offroad data</b>	
Ground clearance; curb weight (H156 OTD), mm	128
<b>Exterior</b>	
Minimum turning circle (D102), m	11.6
Facing surface (ASTirn), m <sup>2</sup>	2.17
Vehicle height, mm	1404
Vehicle width (W103 OTD), mm	1838
Vehicle width at side mirrors (W144), mm	2068
Wheelbase (L101), mm	2741

Vehicle length, mm	4558
Width at driver's mirror (W114-D) , mm	1040
Width at passenger's mirror (W114-P), mm	1028
Overhang rear (L105OTD), mm	976
Overhang front (L104 OTD), mm	841
<b>Luggage volumes</b>	
EPA luggage volume (SAE), ft <sup>3</sup>	10
Press luggage volume US (V US Kom), ft <sup>3</sup>	13,8
<b>Performance /fuel eco.</b>	
<b>Performance</b>	
Final drive ratio	2.813
Top speed, km/h	210/250
US Top speed, mph	130/155
0-100Km/h, s	4.3
0-60 mph, s	4.1
<b>chassis</b>	
<b>Wheel/Tyres</b>	
Rear tyres	225/40 R19 93 H XL AS
Front tyres var.4	N/A
Front rims var.1	8Jx19 LM
Front rims var.3	8,5Jx19 LM
Rear rims var.3	9,5Jx19 LM
Front tyres var.1	225/40 R19 93 Y XL
Front rims	8Jx19 LM
Rear rims	8Jx19 LM
Rear rims var.4	N/A
Front tyres	225/40 R19 93 H XL AS
Rear tyres var.4	N/A
Rear tyres var.1	255/35 R19 96 Y XL
Rear rims var.1	8,5Jx19 LM
Front tyres var.2	225/40 R19 93 Y XL
Rear tyres var.3	255/35 ZR19 96 Y XL
Front rims var.4	N/A
Front tyres var.3	245/35 ZR19 93 Y XL
Front rims var.2	8Jx19 LM
Rear rims var.2	8,5Jx19 LM
Rear tyres var.2	255/35 R19 96 Y XL
SCR (Yes/No)	no
Run flat tyres var.1	no
Run flat tyres	yes
Run flat tyres var.3	no
Run flat tyres var.2	yes
Wheel offset rear, mm	27
Track front var.1, mm	1579
Wheel offset front var.2, mm	27
Width of the rear track, mm	1595

Wheel offset front, mm	27
Wheel offset rear var.2, mm	40
Track front var.4, mm	N/A
Track rear var.2, mm	1569
Track rear var.3, mm	1579
Wheel offset rear var.3, mm	35
Track front, mm	1579
Track front var.2, mm	1579
Wheel offset front var.3, mm	25
Wheel offset rear var.4, mm	N/A
Wheel offset front var.1, mm	27
Wheel offset rear var.1, mm	40
Wheel offset front var.4, mm	N/A
Track rear var.1, mm	1569
Track front var.3, mm	1583
Track rear var.4, mm	N/A
Run flat tyres var.4, -	N/A

#### Steering

Power-steering	EPS
Steering transmission, overall, :1	13.6

#### Weight

##### Vehicle weights

rear Weight distribution (empty car), %	46.9
Curb weight (without driver), kg	1756
Axle load limit front, kg	1090
rear axle load limit, kg	1170
Gross veh. weight, kg	2165
Payload, kg	381
vehicle curb weight without driver (rear axle), kg	823
vehicle curb weight without driver (front axle), kg	933

##### US weights

vehicle curb weight inkl. 100% SAa und 33% SAs, lbs	3871
Axle load limit rear, lbs	2579
gross vehicle weight, lbs	4773
Front axle load lbs, lbs	2403
Payload lbs, lbs	840
vehicle weight without driver empty fuel tank, lbs	3785
vehicle weight without driver empty fuel tank -FA, lbs	2039
vehicle weight without driver empty fuel tank -RA, lbs	1746

#### Battery

Battery Capacity (low voltage), Ah	80
System voltage (low voltage), V	12

#### Dimensions conversion

Minimum turning clearance circle (D 102), ft	38.1
Facing surface (A Stirn), ft	23.36
EPA passenger volume index front (SAE), ft <sup>3</sup>	53.8

EPA passenger volume index second (SAE), ft <sup>3</sup>	33.8
Vehicle height (inch), inch	55.3
Wheelbase(L101), inch	107.9
Head room with sunroof 2.SR (H61-2 SR), inch	34.7
Leg room 1.SR (L34), inch	41.8
Vehicle width at side mirrors (W144) , inch	81.4
Ground clearance; curb weight (H156 OTD), inch	5
Head room 2.SR (H61-2), inch	35
Vehicle length (L103 OTD), inch	179.4
Shoulder room 2.SR (W3-2), inch	51.7
Overhang rear (L105 OTD), inch	38.4
Leg room 2.SR (L51-2), inch	32.2
Vehicle width (W103 OTD), inch	72.4
Head room with sunroof 1.SR (H62-1 SR), inch	38.1
Overhang front (L104 OTD), inch	33.1
Shoulder room 1.SR (W3-1), inch	55.9
Head room 1.SR (H62-1), inch	39.8

#### Aerodynamics conversion

CXA min (ft <sup>2</sup> ), ft	7.01
CXA max (ft <sup>2</sup> ), ft	8.18

#### Tank

US Tank capacity (gallons) - series, gal	13.7
Fuel tank capacity (approx.) , l	52

#### US driving dynamic conversion

Track front var.3 (inch), inch	62.3
Rear track (inch), inch	62.8
Rear track var.1 (inch), inch	61.8
Rear track var.2 (inch), inch	61.8
Rear track var.3 (inch), inch	62.2
Track front var.2 (inch), inch	62.2
Track front var.4 (inch), inch	N/A
Rear track var.4 (inch), inch	N/A
Track front (inch), inch	62.2
Track front var.1 (inch), inch	62.2

Changed values (previous values in brackets)

02.05.2021 (DOC selected) vs. 19.12.2020 (DOC previous)



## Wheel Overview

Model Year 2022

2 Series Coupe



**Code: 1PP**  
**Style: 791M** 19" M Lt/Aly  
Wheels, Double-Spoke 791  
M, Black, Perf. RFT

Front:  
19x8.0, 225/40 R19  
Rear:  
19x8.5, 255/35 R19



**Code: 1PW**  
**Style: 792M** 19" M Lt/Aly  
Wheels, Double-spoke 792  
M, Perf. RFT

Front:  
19x8.0, 225/40 R19  
Rear:  
19x8.5, 255/35 R19



**Code: 1PX**  
**Style: 792M** 19" M Lt/Aly  
Wheels, Double-spoke 792  
M, A/S RFT

Front / Rear:  
19x8.0, 225/40 R19



**Code: 1R0**  
**Style: 797M** 19" M Lt/Aly  
Wheels, Double-spoke 797  
M Bicolour, Perf. RFT

Front:  
19x8.0, 225/40 R19  
Rear:  
19x8.5, 255/35 R19



**Code: 1W0**  
**Style: 893M** 19" M Lt/Aly Wheels,  
Double-Spoke,  
893M, Bicolour, Perf. Non-  
RFT

Front:  
19x8.5, 245/35 R19  
Rear:  
19x9.5, 255/35 R19

M240i  
xDrive  
Coupe  
Optional

Optional

Standard

Optional

ZPX