

BMW

U.S. Media Information

Contacts:

Thomas Plucinsky
Product & Technology Communications Manager
201-307-3783 / thomas.plucinsky@bmwna.com

David J. Buchko
Advanced Powertrain & Heritage Communications
201-307-3709 / dave.buchko@bmwna.com

Matthew Russell
BMW Product and Technology Communications
Tel. 201 307 3755
Matthew.Russell@bmwna.com

Technical Data.

2011 BMW 3 Series Convertible.

		328i	328i	335i	335i
		Convertible	Convertible	Convertible	Convertible
10.01.2010		Manual 6 Speed	Auto 6 Speed	Manual 6 Speed	Auto 6 Speed
Body					
No. of Doors / Seating Capacity	-	2 / 4	2 / 4	2 / 4	2 / 4
Vehicle Length	mm / inch	4620 / 181.9	4620 / 181.9	4620 / 181.9	4620 / 181.9
Vehicle Width	mm / inch	1782 / 70.2	1782 / 70.2	1782 / 70.2	1782 / 70.2
Vehicle Height, Unloaded	mm / inch	1384 / 54.5	1384 / 54.5	1384 / 54.5	1384 / 54.5
Wheelbase	mm / inch	2760 / 108.7	2760 / 108.7	2760 / 108.7	2760 / 108.7
Turning Circle	m / ft	11 / 36.1	11 / 36.1	11 / 36.1	11 / 36.1
Track, Front	mm / inch	1500 / 59.1	1500 / 59.1	1500 / 59.1	1500 / 59.1
Track, Rear	mm / inch	1513 / 59.6	1513 / 59.6	1513 / 59.6	1513 / 59.6
Width at Shoulderheight, Front	mm / inch	1404 / 55.3	1404 / 55.3	1404 / 55.3	1404 / 55.3
Width at Shoulderheight, Rear	mm / inch	1251 / 49.3	1251 / 49.3	1251 / 49.3	1251 / 49.3
Effective Leg Room, Front	mm / inch	1068 / 42	1068 / 42	1068 / 42	1068 / 42
Effective Leg Room, Rear	mm / inch	814 / 32	814 / 32	814 / 32	814 / 32
Effective Head Room, Front	mm / inch	965 / 38	965 / 38	965 / 38	965 / 38
Effective Head Room, Rear	mm / inch	924 / 36.4	924 / 36.4	924 / 36.4	924 / 36.4
Trunk Volume acc SAE1100	ft³	9	9	9	9
Fuel Capacity	L / gal	61 / 16.1	61 / 16.1	61 / 16.1	61 / 16.1
Curb Weight	kg / lbs	1735 / 3825	1765 / 3891	1805 / 3979	1815 / 4001
Weight Distribution, Front / Rear	%	45.8 / 54.2	46.5 / 53.5	47.1 / 52.9	47.7 / 52.3
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2135 / 4707	2165 / 4773	2185 / 4817	2195 / 4839
Payload	kg / lbs	380 / 838	380 / 838	380 / 838	380 / 838
Axle Load Limit, front	kg / lbs	970 / 2138	970 / 2138	1000 / 2205	1000 / 2205
Axle Load Limit, rear	kg / lbs	1200 / 2646	1200 / 2646	1200 / 2646	1200 / 2646
Towing Capacity	kg / lbs	- / -	- / -	- / -	- / -
Roof Load Limit	kg / lbs	- / -	- / -	- / -	- / -
Drag Coefficient	Cd	0.30	0.30	0.31	0.31
Drag Cd x A	m² / ft²	0.62 / 6.72	0.62 / 6.72	0.64 / 6.94	0.64 / 6.94
Engine					
Engine		N52	N52	N55	N55
Engine Type / Cylinder / Valves per Cylinder	-	Inline / 6 / 4 VANOS	Inline / 6 / 4 VANOS	Inline / 6 / 4 VANOS	Inline / 6 / 4 VANOS
Engine Management System	-	MSV80 Port Injection	MSV80 Port Injection	MEVD 17.2 Direct Injection	MEVD 17.2 Direct Injection
Induction System		Natural Valvetronic	Natural Valvetronic	Twin scroll turbo Valvetronic	Twin scroll turbo Valvetronic
Boost Pressure / Overboost	Bar	-	-	0.6	0.6
Displacement	cm³ / inch³	2996 / 182.8	2996 / 182.8	2979 / 181.8	2979 / 181.8
Stroke	mm / inch	88 / 3.46	88 / 3.46	89.6 / 3.53	89.6 / 3.53
Bore	mm / inch	85 / 3.35	85 / 3.35	84 / 3.31	84 / 3.31
Power	SAE hp / rpm	230 / 6500	230 / 6500	300 / 5800	300 / 5800
Torque *Overboost	ft lbs / rpm	200 (270) / 2750	200 (270) / 2750	300 / 1200-5000	300 / 1200-5000
Compression Ratio / Fuel type	-	10.7 / Premium	10.7 / Premium	10.2 / Premium	10.2 / Premium
Chassis and Suspension					
Codification of Reference Gearbox	-	I	GM6	K	6HP19 TU
Gear Ratios					
I	-	4.323	4.065	4.110	4.171
II	-	2.456	2.371	2.315	2.340
III	-	1.659	1.551	1.542	1.521
IV	-	1.230	1.157	1.179	1.143
V	-	1.000	0.853	1.000	0.867
VI	-	0.848	0.674	0.846	0.691
Reverse Ratio	-	3.938	3.200	3.727	3.403
Final Drive Ratio	-	3.385	3.909	3.154	3.462
Steering Type / Ratio	-	Rack-and-pinion / 16	Rack-and-pinion / 16	Rack-and-pinion / 16	Rack-and-pinion / 16
Front Brakes / Diameter	-	Vent. Disc / 312 / 12.3	Vent. Disc / 312 / 12.3	Vent. Disc / 348 / 13.7	Vent. Disc / 348 / 13.7
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 300 / 11.8	Vent. Disc / 300 / 11.8	Vent. Disc / 336 / 13.2	Vent. Disc / 336 / 13.2
Tire Type, Front	-	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS
Tire Type, Rear	-	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS	225/45 R17 91H RSC AS
Tire Type, Front w. Sport Package	-	225/40 R18 W RSC	225/40 R18 W RSC	225/40 R18 W RSC	225/40 R18 W RSC
Tire Type, Rear w. Sport Package	-	255/35 R18 W RSC	255/35 R18 W RSC	255/35 R18 W RSC	255/35 R18 W RSC
Wheels, Front	-	8J x 17 Light alloy	8J x 17 Light alloy	8J x 17 Light alloy	8J x 17 Light alloy
Wheels, Rear	-	8J x 17 Light alloy	8J x 17 Light alloy	8J x 17 Light alloy	8J x 17 Light alloy
Wheels, Front w. Sport Package	-	8J x 18 Light alloy	8J x 18 Light alloy	8J x 18 Light alloy	8J x 18 Light alloy
Wheels, Rear w. Sport Package	-	8.5J x 18 Light alloy	8.5J x 18 Light alloy	8.5J x 18 Light alloy	8.5J x 18 Light alloy
Performance					
Top Speed	km/h / mph	210 / 130	210 / 130	210 / 130	210 / 130
Top Speed w. Sport Package	km/h / mph	240 / 150	240 / 150	240 / 150	240 / 150
Acceleration, 0-60 mph	s	6.7	7.2	5.5	5.7
Acceleration, 0-100 Km/h	s	7.2	7.7	5.8	6.0
Fuel Economy, EPA Estimate - City	mpg	17	18	19	19
Fuel Economy, EPA Estimate - Highway	mpg	26	27	28	28
Fuel Economy, EPA Estimate - Combined	mpg	20	21	22	22
Approximate Range	km / miles	520 / 325	545 / 340	570 / 355	570 / 355

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Technical Data.

2011 BMW 3 Series Convertible.

10.01.2010		335is Convertible Manual 6 Speed	335is Convertible DCT 7 Speed
Body			
No. of Doors / Seating Capacity	-	2 / 4	2 / 4
Vehicle Length	mm / inch	4620 / 181.9	4620 / 181.9
Vehicle Width	mm / inch	1782 / 70.2	1782 / 70.2
Vehicle Height, Unloaded	mm / inch	1370 / 54.0	1370 / 54.0
Wheelbase	mm / inch	2760 / 108.7	2760 / 108.7
Turning Circle	m / ft	11 / 36.1	11 / 36.1
Track, Front	mm / inch	1500 / 59.1	1500 / 59.1
Track, Rear	mm / inch	1513 / 59.6	1513 / 59.6
Width at Shoulderheight, Front	mm / inch	1404 / 55.3	1404 / 55.3
Width at Shoulderheight, Rear	mm / inch	1251 / 49.3	1251 / 49.3
Effective Leg Room, Front	mm / inch	1068 / 42	1068 / 42
Effective Leg Room, Rear	mm / inch	814 / 32	814 / 32
Effective Head Room, Front	mm / inch	965 / 38.0	966 / 38.0
Effective Head Room, Rear	mm / inch	924 / 36.4	924 / 36.4
Trunk Volume acc SAE1100	ft³	9	9
Fuel Capacity	L / gal	61 / 16.1	61 / 16.1
Curb Weight	kg / lbs	1815 / 4001	1830 / 4034
Weight Distribution, Front / Rear	%	47.1 / 52.9	47.5 / 52.5
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2195 / 4839	2210 / 4872
Payload	kg / lbs	380 / 838	380 / 838
Axle Load Limit, front	kg / lbs	1010 / 2227	1010 / 2227
Axle Load Limit, rear	kg / lbs	1200 / 2646	1200 / 2646
Towing Capacity	kg / lbs	- / -	- / -
Roof Load Limit	kg / lbs	- / -	- / -
Drag Coefficient	Cd	0.31	0.31
Drag Cd x A	m² / ft²	0.64 / 6.94	0.64 / 6.94
Engine			
		N54 HP	N54 HP
Engine Type / Cylinder / Valves per Cylinder	-	Inline / 6 / 4 VANOS	Inline / 6 / 4 VANOS
Engine Management System	-	MSD81 Direct Injection	MSD81 Direct Injection
Induction System	-	twin turbo	twin turbo
Boost Pressure / Overboost	Bar	0.8 / 1.0	0.8 / 1.0
Displacement	cm³ / inch³	2979 / 181.8	2979 / 181.8
Stroke	mm / inch	89.6 / 3.53	89.6 / 3.53
Bore	mm / inch	84 / 3.31	84 / 3.31
Power	SAE hp / rpm	320 / 5900	320 / 5900
Torque *Overboost	ft lbs / rpm	332 - 370* / 1500	332 - 370* / 1500
Compression Ratio / Fuel type	-	10.2 / Premium	10.2 / Premium
Chassis and Suspension			
Codification of Reference Gearbox	-	G	DKG 436
Gear Ratios I	-	4.055	4.780
II	-	2.396	3.056
III	-	1.582	2.153
IV	-	1.192	1.678
V	-	1.000	1.390
VI	-	0.872	1.203
VII	-	-	1.000
Reverse Ratio	-	3.677	4.454
Final Drive Ratio	-	3.077	2.563
Steering Type / Ratio	-	Rack-and-pinion / 16.0	Rack-and-pinion / 16.0
Front Brakes / Diameter	-	Vent. Disc / 348 / 13.7	Vent. Disc / 348 / 13.7
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 336 / 13.2	Vent. Disc / 336 / 13.2
Tire Type, Front	- / mm / inch	225/40 R18 88W RSC	225/40 R18 88W RSC
Tire Type, Rear	-	255/35 R18 90W RSC	255/35 R18 90W RSC
Tire Type, Front w. Sport Package	-	225/35 R19 Y RSC	225/35 R19 Y RSC
Tire Type, Rear w. Sport Package	-	255/30 R19 Y RSC	255/30 R19 Y RSC
Wheels, Front	-	8J x 18 Light alloy	8J x 18 Light alloy
Wheels, Rear	-	8.5J x 18 Light alloy	8.5J x 18 Light alloy
Wheels, Front w. Sport Package	-	8J x 19 Light alloy	8J x 19 Light alloy
Wheels, Rear w. Sport Package	-	8.5J x 19 Light alloy	8.5J x 19 Light alloy
Performance			
Top Speed	km/h / mph	240 / 150	240 / 150
Top Speed w. Sport Package	km/h / mph	240 / 150	240 / 150
Acceleration, 0-60 mph	s	5.2	5.1
Acceleration, 0-100 Km/h	s	5.5	5.4
Fuel Economy, EPA Estimate - City	mpg	18	17
Fuel Economy, EPA Estimate - Highway	mpg	26	24
Fuel Economy, EPA Estimate - Combined	mpg	21	19
Approximate Range	km / miles	545 / 340	495 / 305