

BMW

U.S. Media Information

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Technical Data.

2010 BMW 3 Series Coupe.

		328i Coupe	328i Coupe	335i Coupe	335i Coupe
10.22.2009		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	4588 / 180.6	4588 / 180.6	4588 / 180.6	4588 / 180.6
Vehicle Width	mm / inch	1782 / 70.2	1782 / 70.2	1782 / 70.2	1782 / 70.2
Vehicle Height, Unloaded	mm / inch	1395 / 54.9	1395 / 54.9	1375 / 54.1	1375 / 54.1
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	1318 / 51.9	1318 / 51.9	1318 / 51.9	1318 / 51.9
Effective Leg Room, Front	mm / inch	1061 / 41.8	1061 / 41.8	1061 / 41.8	1061 / 41.8
Effective Leg Room, Rear	mm / inch	857 / 33.7	857 / 33.7	857 / 33.7	857 / 33.7
Effective Head Room, Front	mm / inch	975 / 38.4	975 / 38.4	975 / 38.4	975 / 38.4
Effective Head Room, Rear	mm / inch	934 / 36.8	934 / 36.8	934 / 36.8	934 / 36.8
Trunk Volume acc SAE1100	ft³	11	11	11	11
Fuel Capacity	L / gal	61 / 16.1	61 / 16.1	61 / 16.1	61 / 16.1
Curb Weight	kg / lbs	1520 / 3351	1550 / 3417	1620 / 3571	1625 / 3583
Weight Distribution, Front / Rear	%	50.3 / 49.7	50.6 / 49.4	51.2 / 48.8	51.4 / 48.6
Gross Vehicle Weight Rating (GVWR)	kg / lbs	1940 / 4277	1970 / 4343	2040 / 4497	2045 / 4508
Payload	kg / lbs	400 / 882	400 / 882	400 / 882	400 / 882
Axle Load Limit, front	kg / lbs	935 / 2061	935 / 2061	985 / 2172	985 / 2172
Axle Load Limit, rear	kg / lbs	1040 / 2293	1040 / 2293	1065 / 2348	1065 / 2348
Towing Capacity	kg / lbs	- / -	- / -	- / -	- / -
Roof Load Limit	kg / lbs	75 / 165	75 / 165	75 / 165	75 / 165
Drag Coefficient	Cd	0.29	0.29	0.30	0.30
Drag Cd x A	m² / ft²	0.6 / 6.49	0.6 / 6.49	0.62 / 6.72	0.62 / 6.72
Engine					
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	MSD81 Direct Injection	MSD81 Direct Injection
Induction System	-	Natural VALVETRONIC	Natural VALVETRONIC	twin turbo	twin turbo
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	ft lbs / rpm	200 (270) / 2750	200 (270) / 2750	300 (407) / 1400	300 (407) / 1400
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	G	6HP19 TU
Gear Ratios I	-	4.323	4.065	4.055	4.171
II	-	2.456	2.371	2.396	2.34
III	-	1.659	1.551	1.582	1.521
IV	-	1.23	1.2	1.192	1.143
V	-	1	0.853	1	0.867
VI	-	0.848	0.674	0.872	0.691
Reverse Ratio	-	3.938	3.2	3.677	3.403
Final Drive Ratio	-	3.23	3.73	3.08	3.46
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	- / mm / inch	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
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
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	6.2	6.8	5.3	5.5
Acceleration, 0-100 Km/h	s	6.6	7.2	5.6	5.8
Fuel Economy, EPA Estimate - City	mpg	18	18	17	17
Fuel Economy, EPA Estimate - Highway	mpg	28	28	26	26
Fuel Economy, EPA Estimate - Combined	mpg	22	22	20	20
Approximate Range	km / miles	755 / 470	755 / 470	685 / 425	685 / 425

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Technical Data.

2010 BMW 3 Series Coupe.

		328i xDrive Coupe Manual 6 Speed	328i xDrive Coupe Auto 6 Speed	335i xDrive Coupe Manual 6 Speed	335i xDrive Coupe Auto 6 Speed
Body					
No. of Doors / Seating Capacity	-	2 / 4	2 / 4	2 / 4	2 / 4
Vehicle Length	mm / inch	4588 / 180.6	4588 / 180.6	4588 / 180.6	4588 / 180.6
Vehicle Width	mm / inch	1782 / 70.2	1782 / 70.2	1782 / 70.2	1782 / 70.2
Vehicle Height, Unloaded	mm / inch	1395 / 54.9	1395 / 54.9	1375 / 54.1	1375 / 54.1
Wheelbase	mm / inch	2760 / 108.7	2760 / 108.7	2760 / 108.7	2760 / 108.7
Turning Circle	m / ft	11.8 / 38.7	11.8 / 38.7	11.8 / 38.7	11.8 / 38.7
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	1318 / 51.9	1318 / 51.9	1318 / 51.9	1318 / 51.9
Effective Leg Room, Front	mm / inch	1061 / 41.8	1061 / 41.8	1061 / 41.8	1061 / 41.8
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Effective Head Room, Front	mm / inch	975 / 38.4	975 / 38.4	975 / 38.4	975 / 38.4
Effective Head Room, Rear	mm / inch	934 / 36.8	934 / 36.8	934 / 36.8	934 / 36.8
Trunk Volume acc SAE1100	ft³	11	11	11	11
Fuel Capacity	L / gal	61 / 16.1	61 / 16.1	61 / 16.1	61 / 16.1
Curb Weight	kg / lbs	1625 / 3583	1645 / 3627	1705 / 3759	1710 / 3770
Weight Distribution, Front / Rear	%	52.9 / 47.1	52.9 / 47.1	52.8 / 47.2	52.9 / 47.1
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2045 / 4508	2065 / 4553	2125 / 4685	2130 / 4696
Payload	kg / lbs	400 / 882	400 / 882	400 / 882	400 / 882
Axle Load Limit, front	kg / lbs	1025 / 2260	1025 / 2260	1055 / 2326	1055 / 2326
Axle Load Limit, rear	kg / lbs	1055 / 2326	1055 / 2326	1080 / 2381	1080 / 2381
Towing Capacity	kg / lbs	- / -	- / -	- / -	- / -
Roof Load Limit	kg / lbs	75 / 165	75 / 165	75 / 165	75 / 165
Drag Coefficient	Cd	0.31	0.31	0.33	0.33
Drag Cd x A	m² / ft²	0.64 / 6.94	0.64 / 6.94	0.69 / 7.39	0.69 / 7.39
Engine					
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	MSD81 Direct Injection	MSD81 Direct Injection
Induction System	-	Natural VALVETRONIC	Natural VALVETRONIC	twin turbo	twin turbo
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	ft lbs / rpm	200 (270) / 2750	200 (270) / 2750	300 (407) / 1400	300 (407) / 1400
Compression Ratio / Fuel type	-	10.7 / Premium	10.7 / Premium	10.2 / Premium	10.2 / Premium
Chassis and Suspension					
Codification of Reference Gearbox	-	H	GM6	G	6HP19 TU
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IV	-	1.23	1.2	1.192	1.143
V	-	1	0.853	1	0.867
VI	-	0.851	0.674	0.872	0.691
Reverse Ratio	-	3.926	3.2	3.677	3.403
Final Drive Ratio	-	3.38	3.91	3.08	3.46
Steering Type / Ratio	-	Rack-and-pinion / 18.2	Rack-and-pinion / 18.2	Rack-and-pinion / 18.2	Rack-and-pinion / 18.2
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	- / mm / inch	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
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
Performance					
Top Speed	km/h / mph	210 / 130	210 / 130	210 / 130	210 / 131
Top Speed w. Sport Package	km/h / mph	240 / 150	240 / 150	240 / 150	240 / 149
Acceleration, 0-60 mph	s	6.8	7	5.2	5.3
Acceleration, 0-100 Km/h	s	7.1	7.4	5.5	5.6
Fuel Economy, EPA Estimate - City	mpg	17	17	16	17
Fuel Economy, EPA Estimate - Highway	mpg	25	25	25	25
Fuel Economy, EPA Estimate - Combined	mpg	20	20	19	20
Approximate Range	km / miles	685 / 425	685 / 425	665 / 415	685 / 425