

Technical Data

2015 BMW 3 Series Sedan

		320i Sedan	320i Sedan	328i Sedan	328i Sedan	328i Sedan
Engine type		N20B20U0	N20B20U0	N26B20O0	N26B20O0	N20B20O0
Transmission type		automatic transmission 8	manual transmission 6	automatic transmission 8	automatic transmission 8	manual transmission 6
No of Doors / Seats	/	4 / 5	4 / 5	4 / 5	4 / 5	4 / 5
Veh. length	mm / inch	4627 / 182.2	4627 / 182.2	4627 / 182.2	4627 / 182.2	4627 / 182.2
Veh. width	mm / inch	1811 / 71.3	1811 / 71.3	1811 / 71.3	1811 / 71.3	1811 / 71.3
Veh. height	mm / inch	1429 / 56.3	1429 / 56.3	1429 / 56.3	1429 / 56.3	1429 / 56.3
Wheelbase	mm / inch	2810 / 110.6	2810 / 110.6	2810 / 110.6	2810 / 110.6	2810 / 110.6
Turning circle	m / ft	11.3 / 37.1	11.3 / 37.1	11.3 / 37.1	11.3 / 37.1	11.3 / 37.1
Ground clearance	mm / inch	140 / 5.5	140 / 5.5	140 / 5.5	140 / 5.5	140 / 5.5
Shoulder width front	mm / inch	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1
Shoulder width rear	mm / inch	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1
Legroom front	mm / inch	1068 / 42	1068 / 42	1068 / 42	1068 / 42	1068 / 42
Legroom rear	mm / inch	892 / 35.1	892 / 35.1	892 / 35.1	892 / 35.1	892 / 35.1
Max. headroom front	mm / inch	1023 / 40.3	1023 / 40.3	1023 / 40.3	1023 / 40.3	1023 / 40.3
Max. headroom rear	mm / inch	957 / 37.7	957 / 37.7	957 / 37.7	957 / 37.7	957 / 37.7
Luggage comp. capacity	m³ / ft³	0,480 / 17.0	0,480 / 17.0	0,480 / 17.0	0,480 / 17.0	0,480 / 17.0
Fuel tank capacity	liter / gal	60 / 15.8	60 / 15.8	60 / 15.8	60 / 15.8	60 / 15.8
Curb weight (US)	Kg / lbs	1515 / 3340	1488 / 3280	1579 / 3480	1583 / 3490	1551 / 3420
Weight distribution (empty car)	front % / rear %	50.1 / 49.9	49.8 / 50.2	50 / 50	50.1 / 49.9	49.6 / 50.4
Gross veh. weight	Kg / lbs	1996 / 4400	1975 / 4355	2021 / 4455	2025 / 4465	2005 / 4420
Payload	Kg / lbs	408 / 900	408 / 900	408 / 900	408 / 900	408 / 900
Axle load limit front	Kg / lbs	909 / 2005	909 / 2005	925 / 2040	930 / 2050	925 / 2040
Axle load limit rear	Kg / lbs	1145 / 2525	1145 / 2525	1154 / 2545	1154 / 2545	1154 / 2545
Engine type / Cylinders / Valves p.cyl.		in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 4 / 4
Engine management		MEVD 17.2.4	MEVD 17.2.4	MEVD 17.2.4	MEVD 17.2.4	MEVD 17.2.4
Induction type		Single Turbo Charger / Twin scroll	Single Turbo Charger / Twin scroll	Single Turbo Charger / Twin scroll	Single Turbo Charger / Twin scroll	Single Turbo Charger / Twin scroll
Injection type		High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection
Displacement	cm³ / inch³	1997 / 122	1997 / 122	1997 / 122	1997 / 122	1997 / 122
Stroke	mm / inch	90.1 / 3.5	90.1 / 3.5	90.1 / 3.5	90.1 / 3.5	90.1 / 3.5
Bore	mm / inch	84 / 3.3	84 / 3.3	84 / 3.3	84 / 3.3	84 / 3.3
Engine power / at rpm	hp / RPM	180 / 5000-6250	180 / 5000-6250	240 / 5000-6000	240 / 5000-6000	240 / 5000-6000
Engine torque / at rpm	ft lbs (Nm) / RPM	200 (270) / 1250-4500	200 (270) / 1250-4500	255 (350) / 1250-4800	255 (350) / 1250-4800	255 (350) / 1250-4800
Compression rate / Fuel type (recomm.)	∕	11 / Premium	11 / Premium	10 / Premium	10 / Premium	10 / Premium
Transmission Type		8-HP45	1 plus	8-HP45	1 plus	8-HP45
Gear ratios 1st gear		4.714	3.498	4.714	4.714	3.683
2nd gear		3.143	2.005	3.143	3.143	2.062
3rd gear		2.106	1.313	2.106	2.106	1.313
4th gear		1.667	1	1.667	1.667	1
5th gear		1.285	0.809	1.285	1.285	0.809
6th gear		1	0.701	1	1	0.677
7th gear		0.839		0.839	0.839	
8th gear		0.667		0.667	0.667	
Reverse gear		3.295	3.187	3.295	3.295	3.348
Final drive		3.154	3.077	3.154	3.154	3.909
Steering type / Steering ratio	/ ∶ 1	rack-and-pinion / 15.1	rack-and-pinion / 15.1	rack-and-pinion / 15.1	rack-and-pinion / 15.1	rack-and-pinion / 15.1
Front brake // Diameter	inch	disc ventilated // 12.3	disc ventilated // 12.3	disc ventilated // 12.3	disc ventilated // 12.3	disc ventilated // 12.3
Rear brake // Diameter	inch	disc ventilated // 11.8	disc ventilated // 11.8	disc ventilated // 11.8	disc ventilated // 11.8	disc ventilated // 11.8
Cd // Frontal	// m² / ft²	0.29 // 2.2 / 23.68	0.29 // 2.2 / 23.68	0.29 // 2.2 / 23.68	0.29 // 2.2 / 23.68	0.29 // 2.2 / 23.68
Top speed	Km/h / mph	210 / 130	210 / 130	210 / 130	210 / 130	210 / 130
Top speed optional	Km/h / mph	235 / 146	235 / 146	250 / 155	250 / 155	250 / 155
Acceleration 0-60 mph	s	7.1	7.1	5.8	5.9	5.7
Acceleration 0-100Km/h	s	7.1	7.5	6.1	6.1	6.1
Acceleration 0-1000m	s	28.2	27.8	25.9	25.9	25.6
Fuel cons. city (official EPA)	mpg	24	23	23	23	22
Fuel cons. highway (official EPA)	mpg	36	36	33	33	34
Fuel cons. combined (official EPA)	mpg	28	27	26	26	26
Range	miles	442	427	411	411	411
Front tires		225/50 R17 94V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC
Rear tires		225/50 R17 94V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC
Front wheels		7.5J x 17 LM	7.5J x 17 LM	7.5J x 17 LM	7.5J x 17 LM	7.5J x 17 LM
Rear wheels		7.5J x 17 LM	7.5J x 17 LM	7.5J x 17 LM	7.5J x 17 LM	7.5J x 17 LM
Track front	mm / inch	1531 / 60.3	1531 / 60.3	1531 / 60.3	1531 / 60.3	1531 / 60.3
Track rear	mm / inch	1572 / 61.9	1572 / 61.9	1572 / 61.9	1572 / 61.9	1572 / 61.9

Technical Data
2015 BMW 3 Series Sedan

		335i Sedan	335i Sedan	320i xDrive Sedan	328i xDrive Sedan	328i xDrive Sedan
Engine type		N55B30M0	N55B30M0	N20B20U0	N26B20U0	N26B20U0
Transmission type		automatic transmission 8	manual transmission 6	automatic transmission 8	automatic transmission 8	automatic transmission 8
No of Doors / Seats	/	4 / 5	4 / 5	4 / 5	4 / 5	4 / 5
Veh. length	mm / inch	4627 / 182.2	4627 / 182.2	4627 / 182.2	4627 / 182.2	4627 / 182.2
Veh. width	mm / inch	1811 / 71.3	1811 / 71.3	1811 / 71.3	1811 / 71.3	1811 / 71.3
Veh. height	mm / inch	1429 / 56.3	1429 / 56.3	1434 / 56.5	1434 / 56.5	1434 / 56.5
Wheelbase	mm / inch	2810 / 110.6	2810 / 110.6	2810 / 110.6	2810 / 110.6	2810 / 110.6
Turning circle	m / ft	11.3 / 37.1	11.3 / 37.1	11.7 / 38.4	11.7 / 38.4	11.7 / 38.4
Ground clearance	mm / inch	140 / 5.5	140 / 5.5	145 / 5.7	145 / 5.7	145 / 5.7
Shoulder width front	mm / inch	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1
Shoulder width rear	mm / inch	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1
Legroom front	mm / inch	1068 / 42	1068 / 42	1068 / 42	1068 / 42	1068 / 42
Legroom rear	mm / inch	892 / 35.1	892 / 35.1	892 / 35.1	892 / 35.1	892 / 35.1
Max. headroom front	mm / inch	1023 / 40.3	1023 / 40.3	1023 / 40.3	1023 / 40.3	1023 / 40.3
Max. headroom rear	mm / inch	957 / 37.7	957 / 37.7	957 / 37.7	957 / 37.7	957 / 37.7
Luggage comp. capacity	m³ / ft³	0,480 / 17.0	0,480 / 17.0	0,480 / 17.0	0,480 / 17.0	0,480 / 17.0
Fuel tank capacity	liter / gal	60 / 15.8	60 / 15.8	60 / 15.8	60 / 15.8	60 / 15.8
Curb weight (US)	Kg / lbs	1631 / 3595	1613 / 3555	1585 / 3495	1644 / 3625	1649 / 3635
Weight distribution (empty car)	front % / rear %	51.5 / 48.5	51.2 / 48.8	51.5 / 48.5	51.3 / 48.7	51.4 / 48.6
Gross veh. weight	Kg / lbs	2080 / 4585	2071 / 4565	2080 / 4585	2091 / 4610	2096 / 4620
Payload	Kg / lbs	408 / 900	408 / 900	408 / 900	408 / 900	408 / 900
Axle load limit front	Kg / lbs	980 / 2160	980 / 2160	971 / 2140	984 / 2170	989 / 2180
Axle load limit rear	Kg / lbs	1166 / 2570	1166 / 2570	1170 / 2580	1170 / 2580	1170 / 2580
Engine type / Cylinders / Valves p.cyl.		in line, VANOS, Valvetronic / 6 / 4	in line, VANOS, Valvetronic / 6 / 4	in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 4 / 4
Engine management		MEVD 17.2.6	MEVD 17.2.6	MEVD 17.2.4	MEVD 17.2.4	MEVD 17.2.4
Induction type		Single Turbo Charger / Twin scroll	Single Turbo Charger / Twin scroll	Single Turbo Charger / Twin scroll	Single Turbo Charger / Twin scroll	Single Turbo Charger / Twin scroll
Injection type		High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection
Displacement	cm³ / inch³	2979 / 182	2979 / 182	1997 / 122	1997 / 122	1997 / 122
Stroke	mm / inch	89.6 / 3.5	89.6 / 3.5	90.1 / 3.5	90.1 / 3.5	90.1 / 3.5
Bore	mm / inch	84 / 3.3	84 / 3.3	84 / 3.3	84 / 3.3	84 / 3.3
Engine power / at rpm	hp / RPM	300 / 1300-1500	300 / 1300-1500	180 / 5000-6250	240 / 5000-6000	240 / 5000-6000
Engine torque / at rpm	ft lbs (Nm) / RPM	300 (400) / 1300-5000	300 (400) / 1300-5000	200 (270) / 1250-4500	255 (350) / 1250-4800	255 (350) / 1250-4800
Compression rate / Fuel type (recomm.)	:/	10.2 / Premium	10.2 / Premium	11 / Premium	10 / Premium	10 / Premium
Transmission Type		8-HP45	K	8-HP45	8-HP45	8-HP45
Gear ratios 1st gear		4.714	4.11	4.714	4.714	4.714
2nd gear		3.143	2.315	3.143	3.143	3.143
3rd gear		2.106	1.542	2.106	2.106	2.106
4th gear		1.667	1.179	1.667	1.667	1.667
5th gear		1.285	1	1.285	1.285	1.285
6th gear		1	0.846	1	1	1
7th gear		0.839		0.839	0.839	0.839
8th gear		0.667		0.667	0.667	0.667
Reverse gear		3.295	3.727	3.295	3.295	3.295
Final drive		3.154	3.231	3.385	3.154	3.154
Steering type / Steering ratio	/:1	rack-and-pinion / 15.1	rack-and-pinion / 15.1	rack-and-pinion / 15.2	rack-and-pinion / 15.2	rack-and-pinion / 15.2
Front brake // Diameter	inch	disc ventilated / 13.4	disc ventilated / 13.4	disc ventilated // 12.3	disc ventilated // 12.3	disc ventilated // 12.3
Rear brake // Diameter	inch	disc ventilated / 13	disc ventilated / 13	disc ventilated // 11.8	disc ventilated // 11.8	disc ventilated // 11.8
Cd // Frontal	// m² / ft²	0.3 // 2.2 / 23.68	0.3 // 2.2 / 23.68	0.3 // 2.2 / 23.68	0.3 // 2.2 / 23.68	0.3 // 2.2 / 23.68
Top speed	Km/h / mph	210 / 130	210 / 130	210 / 130	210 / 130	210 / 130
Top speed optional	Km/h / mph	250 / 155	250 / 155	230 / 143	240 / 149	240 / 149
Acceleration 0-60 mph	s	5.1	5.4	7.1	5.7	5.7
Acceleration 0-100Km/h	s	5.4	5.7	7.6	6	6
Acceleration 0-1000m	s	24.5	24.5	28.4	25.9	25.9
Fuel cons. city (official EPA)	mpg	22	20	23	22	22
Fuel cons. highway (official EPA)	mpg	32	30	35	33	33
Fuel cons. combined (official EPA)	mpg	25	23	27	26	26
Range	miles	395	363	427	411	411
Front tires		225/45 R18 91V RSC	225/45 R18 91V RSC	225/50 R17 94V	225/50 R17 94V RSC	225/50 R17 94V RSC
Rear tires		225/45 R18 91V RSC	225/45 R18 91V RSC	225/50 R17 94V	225/50 R17 94V RSC	225/50 R17 94V RSC
Front wheels		8J x 18 LM	8J x 18 LM	7.5J x 17 LM	7.5J x17 LM	7.5J x17 LM
Rear wheels		8J x 18 LM	8J x 18 LM	7.5J x17 LM	7.5J x17 LM	7.5J x17 LM
Track front	mm / inch	1537 / 60.5	1537 / 60.5	1531 / 60.3	1531 / 60.3	1531 / 60.3
Track rear	mm / inch	1578 / 62.1	1578 / 62.1	1570 / 61.8	1570 / 61.8	1570 / 61.8

Technical Data

2015 BMW 3 Series Sedan

		335i xDrive Sedan	335i xDrive Sedan	328d Sedan	328d xDrive Sedan	ActiveHybrid 3 Sedan
Engine type		N55B30M0	N55B30M0	N47D2001	N47D2001	N55B30M0
Transmission type		automatic transmission 8	manual transmission 6	automatic transmission 8	automatic transmission 8	Hybridgetriebe Gen2 8
No of Doors / Seats	/	4 / 5	4 / 5	4 / 5	4 / 5	4 / 5
Veh. length	mm / inch	4627 / 182.2	4627 / 182.2	4627 / 182.2	4627 / 182.2	4627 / 182.2
Veh. width	mm / inch	1811 / 71.3	1811 / 71.3	1811 / 71.3	1811 / 71.3	1811 / 71.3
Veh. height	mm / inch	1434 / 56.5	1434 / 56.5	1429 / 56.3	1434 / 56.5	1429 / 56.3
Wheelbase	mm / inch	2810 / 110.6	2810 / 110.6	2810 / 110.6	2810 / 110.6	2810 / 110.6
Turning circle	m / ft	11.7 / 38.4	11.7 / 38.4	11.3 / 37.1	11.7 / 38.4	11.3 / 37.1
Ground clearance	mm / inch	145 / 5.7	145 / 5.7	140 / 5.5	145 / 5.7	140 / 5.5
Shoulder width front	mm / inch	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1
Shoulder width rear	mm / inch	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1	1400 / 55.1
Legroom front	mm / inch	1068 / 42	1068 / 42	1068 / 42	1068 / 42	1068 / 42
Legroom rear	mm / inch	892 / 35.1	892 / 35.1	892 / 35.1	892 / 35.1	892 / 35.1
Max. headroom front	mm / inch	1023 / 40.3	1023 / 40.3	1023 / 40.3	1023 / 40.3	1023 / 40.3
Max. headroom rear	mm / inch	957 / 37.7	957 / 37.7	957 / 37.7	957 / 37.7	957 / 37.7
Luggage comp. capacity	m³ / ft³	0,480 / 17	0,480 / 17	0,480 / 17.0	0,480 / 17.0	0,390 / 13.8
Fuel tank capacity	liter / gal	60 / 15.8	60 / 15.8	57 / 15	57 / 15	57 / 15
Curb weight (US)	Kg / lbs	1687 / 3720	1681 / 3705	1592 / 3510	1665 / 3670	1735 / 3825
Weight distribution (empty car)	front % / rear %	52.6 / 47.4	52.4 / 47.6	49.4 / 50.6	50.8 / 49.2	49.1 / 50.1
Gross veh. weight	Kg / lbs	2141 / 4720	2130 / 4695	2005 / 4420	2096 / 4620	2184 / 4815
Payload	Kg / lbs	408 / 900	408 / 900	390 / 860	390 / 860	408 / 900
Axle load limit front	Kg / lbs	1034 / 2280	1034 / 2280	914 / 2015	984 / 2170	1021 / 2250
Axle load limit rear	Kg / lbs	1170 / 2580	1170 / 2580	1150 / 2535	1145 / 2525	1229 / 2710
Engine type / Cylinders / Valves p.cyl.		in line, VANOS, Valvetronic / 6 / 4	in line, VANOS, Valvetronic / 6 / 4	in line / 4 / 4	in line / 4 / 4	in line, VANOS, Valvetronic / 6 / 4
Engine management		MEVD 17.2.6	MEVD 17.2.6	DDE 7.01	DDE 7.01	MEVD 17.2.6
Induction type		Single Turbo Charger / Twin scroll	Single Turbo Charger / Twin scroll	Variable Geometry Turbocharger	Variable Geometry Turbocharger	Single Turbo Charger / Twin scroll
Injection type		High precision direct injection	High precision direct injection	Commonrail direct injection / CR3	Commonrail direct injection / CR3	High precision direct injection
Displacement	cm³ / inch³	2979 / 182	2979 / 182	1995 / 122	1995 / 122	2979 / 182
Stroke	mm / inch	89.6 / 3.5	89.6 / 3.5	90 / 3.5	90 / 3.5	89.6 / 3.5
Bore	mm / inch	84 / 3.3	84 / 3.3	84 / 3.3	84 / 3.3	84 / 3.3
Engine power / at rpm	hp / RPM	300 / 1300-1500	300 / 1300-1500	181 / 4000	181 / 4000	335 / 5800-6000
Engine torque / at rpm	ft lbs (Nm) / RPM	300 (400) / 1300-5000	300 (400) / 1300-5000	280 (380) / 1750-2750	280 (380) / 1750-2750	332 / 1300-5000
Compression rate / Fuel type (recomm.)	/	10.2 / Premium	10.2 / Premium	16.5 / Ultra Low Sulfur Diesel	16.5 / Ultra Low Sulfur Diesel	10.2 / Premium
Transmission Type		8-HP45	K	8-HP45	8-HP45	8P70H
Gear ratios 1st gear		4.714	4.11	4.714	4.714	4.714
2nd gear		3.143	2.315	3.143	3.143	3.143
3rd gear		2.106	1.542	2.106	2.106	2.106
4th gear		1.667	1.179	1.667	1.667	1.667
5th gear		1.285	1	1.285	1.285	1.285
6th gear		1	0.846	1	1	1
7th gear		0.839		0.839	0.839	0.839
8th gear		0.667		0.667	0.667	0.667
Reverse gear		3.295	3.727	3.295	3.295	3.317
Final drive		3.154	3.231	2.813	2.813	2.813
Steering type / Steering ratio		rack-and-pinion / 15.2	rack-and-pinion / 15.1	rack-and-pinion / 15.1	rack-and-pinion / 15.2	rack-and-pinion / 15.1
Front brake // Diameter		disc ventilated / 13.4	disc ventilated / 13.4	disc ventilated // 12.3	disc ventilated // 12.3	disc ventilated / 13.4
Rear brake // Diameter		disc ventilated / 13	disc ventilated / 13	disc ventilated // 11.8	disc ventilated // 11.8	disc ventilated / 13
Cd // Frontal		0.3 // 2.2 / 23.68	0.3 // 2.2 / 23.68	0.28 // 2.2 / 23.68	0.28 // 2.2 / 23.68	0.29 // 2.20 / 23.68
Top speed		210 / 130	210 / 130	210 / 130	210 / 130	210 / 130
Top speed optional		250 / 155	250 / 155	230 / 143	228 / 142	250 / 155
Acceleration 0-60 mph		4.8	5.1	7.4	7.4	5.2
Acceleration 0-100Km/h		5.1	5.4	7.4	7.4	5.5
Acceleration 0-1000m		24.5	24.5	27.7	27.8	24.7
Fuel cons. city (official EPA)		20	20	32	31	25
Fuel cons. highway (official EPA)		30	28	45	43	33
Fuel cons. combined (official EPA)		24	23	37	35	28
Range		379	363	555	525	420
Front tires		225/45 R18 91V RSC	225/45 R18 91V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC	225/45 R18 91V RSC
Rear tires		225/45 R18 91V RSC	225/45 R18 91V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC	225/45 R18 91V RSC
Front wheels		8J x 18 LM	8J x 18 LM	7.5J x 17 LM	7.5J x 17 LM	8J x 18 LM
Rear wheels		8J x 18 LM	8J x 18 LM	7.5J x 17 LM	7.5J x 17 LM	8J x 18 LM
Track front		1537 / 60.5	1537 / 60.5	1531 / 60.3	1531 / 60.3	1537 / 60.5
Track rear		1578 / 62.1	1578 / 62.1	1570 / 61.8	1570 / 61.8	1578 / 62.1