



Technical Data			
THE NEW BMW 3 SERIES			
	320i	330i	M340i xDrive
Engine type	B48B2001	B48B2001	B48B2001
Transmission type	automatic	automatic	automatic
Seats	5	5	5
Number of Doors	5	5	5
Drive type	RWD	RWD	RWD
Dimensions			
Exterior			
Length, mm	4709.0	4709.0	4713.0
Width, mm	1827.0	1827.0	1827.0
Height, mm	1440.0	1440.0	1440.0
Width incl. mirrors, mm	2068.0	2068.0	2068.0
Width incl. mirror driver, mm	1040.0	1040.0	1040.0
Width incl. mirror passengers side, mm	1028.0	1028.0	1028.0
Wheelbase, mm	2851.0	2851.0	2851.0
Overhang front, mm	799.0	799.0	802.0
Rear overhang, mm	1059.0	1059.0	1060.0
Turning circle, m	11.4	11.4	12.0
Ground clearance, mm	141.0	141.0	130.0
Label height back, upper edge, mm	845.0	845.0	845.0
Label height back, lower edge, mm	738.0	738.0	738.0
Label angle rear, °	12.6	12.6	12.6
Interior			
Shoulder width front, mm	1422.0	1422.0	1422.0
Shoulder room rear, mm	1387.0	1387.0	1387.0
Elbow width front, mm	1456.0	1456.0	1456.0
Elbowroom rear, mm	1460.0	1460.0	1460.0
effective legroom front (L34), mm	1058.0	1058.0	1058.0
effective legroom rear second seating row (L51-2), mm	899.0	899.0	899.0
Max. headroom front, mm	1030.0	1030.0	1030.0
Headroom front/SR, mm	992.0	992.0	992.0
Maximum headroom second, mm	953.0	953.0	953.0
Maximum headroom rear, mm	980.0	980.0	980.0
Knee clearance, mm	57.0	57.0	57.0
Seats	5.0	5.0	5.0
seats second row	3.0	3.0	3.0
internal loading (H196), mm	619.0	619.0	619.0
Distance, front wheel middle to middle luggage compartment, mm	3173.0	3173.0	3173.0
Distance, front wheel middle to middle AHK, mm	3986.0	3986.0	3986.0
Distance, front wheel middle to SRP, mm	1574.0	1574.0	1574.0
Distance, front wheel middle to SRP 2. SR, mm	2402.0	2402.0	2402.0
Luggage volumes			
Luggage volume (V214-1), l	1510.0	1510.0	1510.0
Luggage volume (V211-2), l	500.0	500.0	500.0
Weight			
Vehicle weights			
Curb weight (without driver), kg	1570.0	1595.0	1770.0
Curb weight (with driver), kg	1645.0	1670.0	1845.0
vehicle curb weight without driver (front axle), kg	742.0	748.0	876.0
vehicle curb weight without driver (rear axle), kg	828.0	847.0	894.0
vehicle curb weight with driver (front axle), kg	776.0	782.0	910.0
vehicle curb weight with driver (rear axle), kg	869.0	888.0	935.0
Axle load limit front, kg	975.0	985.0	1095.0
rear axle load limit, kg	1260.0	1280.0	1345.0
rear Weight distribution (empty car), %	52.7	53.1	50.5
Gross veh. weight, kg	2135.0	2185.0	2365.0
Payload, kg	565.0	590.0	595.0
Roof load, kg	75.0	75.0	75.0
Trailer operation			
exceedance Gross veh. weight /w.trailer, kg	2210.0	2260.0	2440.0
Trailer load unbraked, kg	750.0	750.0	750.0
gross vehicle weight with trailer unbraked, kg	2885.0	2935.0	3115.0
Trailer load braked 12%, kg	1600.0	1600.0	1800.0
Trailer load braked 8%, kg	1600.0	1600.0	1800.0
max. towable trailer mass 12% category II, kg	1600.0	1600.0	1800.0
max. towable trailer mass 8% category II, kg	1600.0	1600.0	1800.0
gross vehicle weight with trailer 12% Kat1, kg	3735.0	3785.0	4165.0
gross vehicle weight with trailer 12% Kat2, kg	3735.0	3785.0	4165.0
gross vehicle weight with trailer 8% Kat1, kg	3735.0	3785.0	4165.0
gross vehicle weight with trailer 8% Kat2, kg	3735.0	3785.0	4165.0
Trailer nose weight, kg	75.0	75.0	75.0
Rear axle load w. trailer, kg	1380.0	1410.0	1475.0
Performance			
Final drive ratio	2.813	2.813	2.813
0-62mph, s	7.5	5.9	4.5
Top speed, mph	143	155	155
Top speed, km/h	230	250.0	250.0
Communication			
Power to weight ratio, kg/kW	11.6	9.3	6.4
Output per litre, kW/dm³	67.6	95.1	91.7
Motor			
Engine type	B48B20M1	B48B20O1	B58B30O1
Cylinders	4.0	4.0	6.0
Valves p.cyl.	4.0	4.0	4.0
Stroke, mm	94.6	94.6	94.6
Bore, mm	82.0	82.0	82.0
Displacement, cm³	1998.0	1998.0	2998.0
Compression ratio, :1	11.0	10.2	10.2
Rated engine power (kW), kW	135.0	190.0	275.0
Engine power (HP), PS	184.0	258.0	374.0
rpm at maximum power, 1/min	5000-6500	5000-6500	5500-6500
minimum Engine speed at maximum power, 1/min	5000.0	5000.0	5500.0
maximum Engine speed at maximum power, 1/min	6500.0	6500.0	6500.0
Engine torque, Nm	300.0	400.0	500.0
rpm at maximum torque, 1/min	1350-4000	1550-4400	1850-5000
minimum Engine speed at maximum torque, 1/min	1350.0	1550.0	1850.0
maximum Engine speed at maximum torque, 1/min	4000.0	4400.0	5000.0
Fuel type	gasoline	gasoline	gasoline
Useable Fuel quality	RON 91 MIN, E25 MAX	RON 91 MIN, E25 MAX	RON 91 MIN, E25 MAX
recomm.	RON 95	RON 95	RON 95
Engine oil (exchange quantity), l	5.25	5.25	6.5
Gearbox			
Combustion engine			
Transmission type V	GA8L51CZ	GA8L51CZ	GA8X51CZ
Transmission type	Automatic	Automatic	Automatic
Nr. of gears	8	8	8
Gear ratios 1st gear**	5.25	5.25	5.25
2nd**	3.36	3.36	3.36
3rd**	2.172	2.172	2.172
4th**	1.72	1.72	1.72
5th**	1.316	1.316	1.316
6th**	1.0	1.0	1.0
7th**	0.822	0.822	0.822
8th**	0.64	0.64	0.64
Reverse gear**	3.712	3.712	3.712
Aerodynamics			
Cx			
Cx Min	0.27	0.27	0.29
Cx Max	0.34	0.32	0.33
Cx Range, m²	0.27-0.34	0.27-0.32	0.29-0.33
Cx x A			
Cx x A Min, m²	0.6	0.6	0.64
Cx x A Max, m²	0.75	0.71	0.73
Facing surface, m²	2.22	2.22	2.22
Emission			
Emission classification (type-certified)***	Euro 6d-TEMP-EVAP-ISC	Euro 6d-TEMP-EVAP-ISC	Euro 6d-TEMP-EVAP-ISC
Steering			
Power-steering	EPS	EPS	EPS
Steering transmission, overall, :1	14.1	14.1	13.6
Tank			



Technical Data			
THE NEW BMW 3 SERIES			
	320i	330i	M340i xDrive
Engine type	B48B2001	B48B2001	B48B2001
Transmission type	automatic	automatic	automatic
Fuel tank capacity (approx.), l	59.0	59.0	59.0
Battery			
Battery Capacity (low voltage), Ah	90/105	70/105	90/105
System voltage (low voltage), V	12.0	12.0	12.0
SCR			
SCR (Yes/No)	No	No	No
SCR-Typ Activtank	N/A	N/A	N/A
AdBlue-Volume (Passivtank), l	N/A	N/A	N/A
SCR-Typ Passivtank	N/A	N/A	N/A
AdBlue-Volume (Activtank), l	N/A	N/A	N/A
Emissions and Electric Range			
Cluster 1	1S3		1PW, 1PP
CO2 Combined, g/km	130	-	165
Cluster 2	1UE, 1S6, 1PD, 1PT, 1PL, 1PP	1UE, 1S6, 1PD, 1PT, 1PL, 1PP	-
CO2 Combined, g/km	132	137	-
Cluster 3	1PK	1PK	-
CO2 Combined, g/km	-	143	-
WLTP Fuel Consumption (MIN/MAX)			
FC Phase Low (mpg)	31.4 - 30.7	29.4 - 28.8	22.8 - 22.6
FC Phase Mid (mpg)	42.2 - 40.4	39.8 - 38.7	33.2 - 32.8
FC Phase High (mpg)	49.6 - 47.1	46.9 - 45.6	39.8 - 39.2
FC Phase Ex-high (mpg)	40.9 - 39.8	40.9 - 39.8	35.8 - 35.3
FC Phase Combined (mpg)	41.5 - 39.8	40.4 - 39.2	33.6 - 33.2



Technical Data						
THE NEW BMW 3 SERIES TOURING						
	318d	320d		320d xDrive	330d	330d xDrive
Engine type	B47D2001	B47D2001	B47D2001	B47D2001	B47D2001	B57D3000
Transmission type	automatic	manual	automatic	automatic	automatic	automatic
Seats	5	5	5	5	5	5
Number of Doors	5	5	5	5	5	5
Drive type	RWD	RWD	RWD	AWD	AWD	AWD
Dimensions						
Exterior						
Length, mm	4709.0	4709.0	4709.0	4709.0	4709.0	4709.0
Width, mm	1827.0	1827.0	1827.0	1827.0	1827.0	1827.0
Height, mm	1440.0	1440.0	1445.0	1440.0	1445.0	1445.0
Width incl. mirrors, mm	2068.0	2068.0	2068.0	2068.0	2068.0	2068.0
Width incl. mirror driver, mm	1040.0	1040.0	1040.0	1040.0	1040.0	1040.0
Width incl. mirror passengers side, mm	1028.0	1028.0	1028.0	1028.0	1028.0	1028.0
Wheelbase, mm	2851.0	2851.0	2851.0	2851.0	2851.0	2851.0
Overhang front, mm	799.0	799.0	799.0	799.0	799.0	799.0
Rear overhang, mm	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0
Turning circle, m	11.4	11.4	12.0	11.4	12.0	12.0
Ground clearance, mm	141.0	141.0	135.0	141.0	135.0	135.0
Label height back, upper edge, mm	845.0	845.0	850.0	845.0	850.0	850.0
Label height back, lower edge, mm	738.0	738.0	743.0	738.0	743.0	743.0
Label angle rear, °	12.6	12.6	12.6	12.6	12.6	12.6
Interior						
Shoulder width front, mm	1422.0	1422.0	1422.0	1422.0	1422.0	1422.0
Shoulder room rear, mm	1387.0	1387.0	1387.0	1387.0	1387.0	1387.0
Elbow width front, mm	1456.0	1456.0	1456.0	1456.0	1456.0	1456.0
Elbowroom rear, mm	1460.0	1460.0	1460.0	1460.0	1460.0	1460.0
effective legroom front (L34), mm	1058.0	1058.0	1058.0	1058.0	1058.0	1058.0
effective legroom rear second seating row (L51-2), mm	899.0	899.0	899.0	899.0	899.0	899.0
Max. headroom front, mm	1030.0	1030.0	1030.0	1030.0	1030.0	1030.0
Headroom front/SR, mm	992.0	992.0	992.0	992.0	992.0	992.0
Maximum headroom second, mm	953.0	953.0	953.0	953.0	953.0	953.0
Maximum headroom rear, mm	980.0	980.0	980.0	980.0	980.0	980.0
Knee clearance, mm	57.0	57.0	57.0	57.0	57.0	57.0
Seats	5.0	5.0	5.0	5.0	5.0	5.0
seats second row	3.0	3.0	3.0	3.0	3.0	3.0
internal loading (H196), mm	619.0	619.0	624.0	619.0	624.0	624.0
Distance, front wheel middle to middle luggage compa	3173.0	3173.0	3173.0	3173.0	3173.0	3173.0
Distance, front wheel middle to middle AHK, mm	3986.0	3986.0	3986.0	3986.0	3986.0	3986.0
Distance, front wheel middle to SRP, mm	1574.0	1574.0	1574.0	1574.0	1574.0	1574.0
Distance, front wheel middle to SRP 2. SR, mm	2402.0	2402.0	2402.0	2402.0	2402.0	2402.0
Luggage volumes						
Luggage volume (V214-1), l	1510	1510.0	1510.0	1510.0	1510.0	1510.0
Luggage volume (V211-2), l	500	500.0	500.0	500.0	500.0	500.0
Weight						
Vehicle weights						
Curb weight (without driver), kg	1585.0	1580.0	1660.0	1715.0	1760.0	1760.0
Curb weight (with driver), kg	1660.0	1655.0	1735.0	1790.0	1835.0	1835.0
vehicle curb weight without driver (front axle), kg	751.0	741.0	799.0	822.0	858.0	858.0
vehicle curb weight without driver (rear axle), kg	834.0	839.0	861.0	893.0	902.0	902.0
vehicle curb weight with driver (front axle), kg	785.0	775.0	833.0	856.0	892.0	892.0
vehicle curb weight with driver (rear axle), kg	875.0	880.0	902.0	934.0	943.0	943.0
Axle load limit front, kg	985.0	985.0	1055.0	1075.0	1105.0	1105.0
rear axle load limit, kg	1280.0	1280.0	1300.0	1325.0	1340.0	1340.0
rear Weight distribution (empty car), %	52.6	53.1	51.9	52.1	51.3	51.3
Gross veh. weight, kg	2180.0	2180.0	2255.0	2305.0	2350.0	2350.0
Payload, kg	595.0	600.0	595.0	590.0	590.0	590.0
Roof load, kg	75	75.0	75.0	75.0	75.0	75.0
Trailer operation						
exceedance Gross veh. weight /w.trailer, kg	2255.0	2255.0	2330.0	2380.0	2425.0	2425.0
Trailer load unbraked, kg	750.0	750.0	750.0	750.0	750.0	750.0
gross vehicle weight with trailer unbraked, kg	2930.0	2930.0	3005.0	3055.0	3100.0	3100.0
Trailer load braked 12%, kg	1800.0	1600.0	1800.0	1800.0	1800.0	1800.0
Trailer load braked 8%, kg	1800.0	1600.0	1800.0	1800.0	1800.0	1800.0
max. towable trailer mass 12% category II, kg	1800.0	1600.0	1800.0	1800.0	1800.0	1800.0
max. towable trailer mass 8% category II, kg	1800.0	1600.0	1800.0	1800.0	1800.0	1800.0
gross vehicle weight with trailer 12% Kat1, kg	3980.0	3780.0	4055.0	4105.0	4150.0	4150.0
gross vehicle weight with trailer 12% Kat2, kg	3980.0	3780.0	4055.0	4105.0	4150.0	4150.0
gross vehicle weight with trailer 8% Kat1, kg	3980.0	3780.0	4055.0	4105.0	4150.0	4150.0
gross vehicle weight with trailer 8% Kat2, kg	3980.0	3780.0	4055.0	4105.0	4150.0	4150.0
Trailer nose weight, kg	75.0	75.0	75.0	75.0	75.0	75.0
Rear axle load w. trailer, kg	1405.0	1405.0	1420.0	1450.0	1460.0	1460.0



Technical Data						
THE NEW BMW 3 SERIES TOURING						
	318d	320d		320d xDrive	330d	330d xDrive
Engine type	B47D2001	B47D2001	B47D2001	B47D2001	B47D2001	B57D3000
Transmission type	automatic	manual	automatic	automatic	automatic	automatic
Performance						
Final drive ratio	3.154	3.154	2.813	2.813	2.813	2.471
0-62mph, s	8.8	7.5	7.1	7.4	5.6	5.4
Top speed, mph	133	142	143	140	140	155
Top speed, km/h	215	229.0	230.0	225.0	225.0	250.0
Communication						
Output per litre, kW/dm ³	55.1	70.2	70.2	70.2	70.2	65.2
Power to weight ratio, kg/kW	14.4	11.2	11.3	11.7	11.7	8.9
Motor						
Engine type	B47D20U1	B47D20U1	B47D20U1	B57D3000	B57D3000	B57D3000
Cylinders	4.0	4.0	4.0	6.0	6.0	6.0
Valves p.cyl.	4.0	4.0	4.0	4.0	4.0	4.0
Stroke, mm	90.0	90.0	90.0	90.0	90.0	90.0
Bore, mm	84.0	84.0	84.0	84.0	84.0	84.0
Displacement, cm ³	1995.0	1995.0	1995.0	2993.0	2993.0	2993.0
Compression rate, :1	16.5	16.5	16.5	16.5	16.5	16.5
Rated engine power (kW), kW	110.0	140.0	140.0	195.0	195.0	195.0
Engine power (HP), PS	150.0	190.0	190.0	265.0	265.0	265.0
rpm at maximum power, 1/min	4000-4000	4000-4000	4000-4000	4000-4000	4000-4000	4000-4000
minimum Engine speed at maximum power, 1/min	4000.0	4000.0	4000.0	4000.0	4000.0	4000.0
maximum Engine speed at maximum power, 1/min	4000.0	4000.0	4000.0	4000.0	4000.0	4000.0
Engine torque, Nm	320.0	400.0	400.0	580.0	580.0	580.0
rpm at maximum torque, 1/min	1500-3000	1750-2500	1750-2500	1750-2750	1750-2750	1750-2750
minimum Engine speed at maximum torque, 1/min	1500.0	1750.0	1750.0	1750.0	1750.0	1750.0
maximum Engine speed at maximum torque, 1/min	3000.0	2500.0	2500.0	2750.0	2750.0	2750.0
Fuel type	diesel	diesel	diesel	diesel	diesel	diesel
Useable Fuel quality	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
recomm.	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Engine oil (exchange quantity), l	5.5	5.5	5.5	6.5	6.5	6.5
Gearbox						
Combustion engine						
Transmission type V	GA8L51CZ	GS6L40LZ	GA8X51CZ	GA8L76DZ	GA8X76DZ	GA8X76DZ
Transmission type	Automatic	Manual	Automatic	Automatic	Automatic	Automatic
Nr. of gears	8	6	8	8	8	8
Gear ratios 1st gear**	5.25	4.11	5.25	5.5	5.5	5.5
2nd**	3.36	2.248	3.36	3.52	3.52	3.52
3rd**	2.172	1.403	2.172	2.2	2.2	2.2
4th**	1.72	1.0	1.72	1.72	1.72	1.72
5th**	1.316	0.786	1.316	1.317	1.317	1.317
6th**	1.0	0.601	1.0	1.0	1.0	1.0
7th**	0.822	N/A	0.822	0.823	0.823	0.823
8th**	0.64	N/A	0.64	0.64	0.64	0.64
Reverse gear**	3.712	3.727	3.712	3.993	3.993	3.993
Aerodynamics						
Cx						
Cx Min	0.27	0.27	0.27	0.28	0.27	0.27
Cx Max	0.34	0.32	0.32	0.33	0.32	0.32
Cx Range, m ²	0.27-0.34	0.27-0.32	0.27-0.32	0.28-0.33	0.27-0.32	0.27-0.32
Cx x A						
Cx x A Min, m ²	0.6	0.6	0.6	0.62	0.6	0.6
Cx x A Max, m ²	0.75	0.71	0.71	0.73	0.71	0.71
Facing surface, m ²	2.22	2.22	2.22	2.22	2.22	2.22
Emission						
Emission classification (type-certified)***	Euro 6d-TEMP-EVAP-ISC	Euro 6d-TEMP-EVAP-ISC	Euro 6d-TEMP-EVAP-ISC	Euro 6d-TEMP-EVAP-ISC	Euro 6d-TEMP-EVAP-ISC	Euro 6d-TEMP-EVAP-ISC
Chassis						
Steering						
Power-steering	EPS	EPS	EPS	EPS	EPS	EPS
Steering transmission, overall, :1	14.1	14.1	14.9	14.1	14.9	14.9
Tank						
Fuel tank capacity (approx.) , l	40.0/59.0	40.0/59.0	40.0/59.0	40.0/59.0	40.0/59.0	59.0
Battery						
Battery Capacity (low voltage), Ah	90/105	70/105	70/105	70/105	70/105	70/105
System voltage (low voltage), V	12.0	12.0	12.0	12.0	12.0	12.0



Technical Data						
THE NEW BMW 3 SERIES TOURING						
	318d	320d		320d xDrive	330d	330d xDrive
Engine type	B47D2001 automatic	B47D2001 manual	B47D2001 automatic	B47D2001 automatic	B47D2001 automatic	B57D3000 automatic
Transmission type						
SCR						
SCR (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes
SCR-Typ Activtank	P_Tank refillable by truck nozzle	P_Tank refillable by truck nozzle	P_Tank refillable by truck nozzle	P_Tank refillable by truck nozzle	P_Tank refillable by truck nozzle	P_Tank refillable by truck nozzle
AdBlue-Volume (Passivtank), l	10.4	N/A 8.5	N/A 8.5	8.5 N/A	8.5 N/A	8.5
SCR-Typ Passivtank	N/A	N/A P_Tank refillable with truck noz	N/A P_Tank refillable with truck nozzle	P_Tank refillable with truck nozzle N/A	P_Tank refillable with truck nozzle N/A	P_Tank refillable with truck nozzle
AdBlue-Volume (Activtank), l	N/A	10.4	10.4	10.4	10.4	10.4
Emissions and Electric Range						
Cluster 1 (1S3)						
CO2 Combined, g/km	114	119	114	121	-	-
Cluster 2 (1UE, 1S6, 1PD, 1PT, 1PL, 1PP)						
CO2 Combined, g/km	117	121	117	124	139	141
Cluster 3 (1PK)						
CO2 Combined, g/km	-	-	-	-	-	146
WLTP Fuel Consumption (MIN/MAX)						
FC Phase Low (mpg)	43.5-41.5	44.8 - 42.8	42.2 - 40.4	42.2 - 40.9	34.9 - 34.9	33.2 - 32.5
FC Phase Mid (mpg)	54.3-51.4	56.5 - 52.3	54.3 - 50.4	52.3 - 48.7	44.1 - 43.5	42.2 - 40.9
FC Phase High (mpg)	60.1 - 57.6	61.4 - 58.9	58.9 - 56.5	57.6 - 55.4	53.3 - 52.3	49.6 - 48.7
FC Phase Ex-high (mpg)	51.4 - 50.4	53.3 - 52.3	52.3 - 51.4	50.4 - 48.7	47.1 - 45.6	45.6 - 44.1
FC Phase Combined (mpg)	53.3 - 51.4	55.4 - 52.3	53.3 - 50.4	51.4 - 49.6	45.6 - 44.8	43.5 - 42.8