

Technical Data
2015 BMW4 Series Gran Coupe

		428i Gran Coupe	435i Gran Coupe	428i xDrive Gran Coupe	428i xDrive Gran Coupe
Engine type		N20B2000	N55B30M0	N20B2000	N26B2000
Transmission type		automatic transmission 8	automatic transmission 8	automatic transmission 8	automatic transmission 8
No of Doors / Seats	/	4 / 5	4 / 5	4 / 5	4 / 5
Veh. length	mm / inch	4639 / 182.6	4639 / 182.6	4639 / 182.6	4639 / 182.6
Veh. width	mm / inch	1825 / 71.9	1825 / 71.9	1825 / 71.9	1825 / 71.9
Veh. height	mm / inch	1389 / 54.7	1389 / 54.7	1404 / 55.3	1404 / 55.3
Wheelbase	mm / inch	2810 / 110.6	2810 / 110.6	2810 / 110.6	2810 / 110.6
Turning circle	m / ft	11.3 / 37.1	11.3 / 37.1	11.8 / 38.7	11.8 / 38.7
Ground clearance	mm / inch	130 / 5.1	130 / 5.1	145 / 5.7	145 / 5.7
Shoulder width front	mm / inch	1392 / 54.8	1392 / 54.8	1392 / 54.8	1392 / 54.8
Shoulder width rear	mm / inch	1380 / 54.3	1380 / 54.3	1380 / 54.3	1380 / 54.3
Legroom front	mm / inch	1073 / 42.2	1073 / 42.2	1073 / 42.2	1073 / 42.2
Legroom rear	mm / inch	857 / 33.7	857 / 33.7	857 / 33.7	857 / 33.7
Max. headroom front	mm / inch	1011 / 39.8	1011 / 39.8	1011 / 39.8	1011 / 39.8
Max. headroom rear	mm / inch	944 / 37.2	944 / 37.2	944 / 37.2	944 / 37.2
Luggage comp. capacity	m³ / ft³	0,480-1,300 / 17-45,9	0,480-1,300 / 17-45,9	0,480-1,300 / 17-45,9	0,480-1,300 / 17-45,9
Fuel tank capacity	liter / gal	60 / 15.8	60 / 15.8	60 / 15.8	60 / 15.8
Curb weight (US)	Kg / lbs	1637 / 3610	1696 / 3740	1696 / 3740	1701 / 3750
Weight distribution (empty car)	Front % / Rear %	48.5 / 51.5	49.9 / 50.1	49.6 / 50.4	49.7 / 50.3
Gross veh. weight	Kg / lbs	2089 / 4605	2145 / 4730	2155 / 4750	2159 / 4760
Payload	Kg / lbs	413 / 910	413 / 910	413 / 910	413 / 910
Axle load limit front	Kg / lbs	930 / 2050	984 / 2170	989 / 2180	993 / 2190
Axle load limit rear	Kg / lbs	1209 / 2665	1220 / 2690	1220 / 2690	1220 / 2690
Engine type / Cylinders / Valves p.cyl.		in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 6 / 4	in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 4 / 4
Engine management		MEVD 17.2.4	MEVD 17.2	MEVD 17.2.4	MEVD 17.2.4
Induction type		Twin scroll turbocharger	Twin scroll turbocharger	Twin scroll turbocharger	Twin scroll turbocharger
Injection type		High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection
Displacement	cm³ / inch³	1997 / 122	2979 / 182	1997 / 122	1997 / 122
Stroke	mm / inch	90.1 / 3.5	89.6 / 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
Engine power / at rpm	hp / RPM	240 / 5000-6000	300 / 5800-6000	240 / 5000-6000	240 / 5000-6000
Engine torque / at rpm	ft lbs (Nm) / RPM	255 (350) / 1250-4800	300 (400) / 1200-5000	255 (350) / 1250-4800	255 (350) / 1250-4800
Compression rate / Fuel type (recomm.)	/ /	10 / Premium	10.2 / Premium	10 / Premium	10 / Premium
Type of Transmission		8HP45	8HP45	8HP45	8HP45
Gear ratios 1st gear		4.714	4.714	4.714	4.714
2nd gear		3.143	3.143	3.143	3.143
3rd gear		2.106	2.106	2.106	2.106
4th gear		1.667	1.667	1.667	1.667
5th gear		1.285	1.285	1.285	1.285
6th gear		1	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	3.295	3.295	3.295
Final drive		3.154	3.154	3.154	3.154
Steering type / Steering ratio	/ : 1	rack-and-pinion / 15	rack-and-pinion / 15	rack-and-pinion / 15	rack-and-pinion / 15
Front brake // Diameter		disc ventilated / 13	disc ventilated / 13.4	disc ventilated / 13.4	disc ventilated / 13.4
Rear brake // Diameter		disc ventilated / 11.8	disc ventilated / 13	disc ventilated / 13	disc ventilated / 13
Cd // Frontal Area	// m² / ft²	0.29 // 2.16 / 23.25	0.29 // 2.16 / 23.25	0.3 // 2.16 / 23.25	0.3 // 2.16 / 23.25
Top speed	Kmh / mph	210 / 130	210 / 130	210 / 130	210 / 130
Top speed optional	Kmh / mph	250 / 155	250 / 155	240 / 149	240 / 149
Acceleration 0-60 mph	s	5.7	4.9	5.7	5.7
Acceleration 0-100Kmh	s	6	5.2	6	6
Acceleration 0-1000m	s	25.8	24.4	25.8	25.8
Fuel cons. city (preliminary EPA)	mpg	23	21	22	20
Fuel cons. highway (preliminary EPA)	mpg	34	32	32	31
Fuel cons. combined (preliminary EPA)	mpg	27	25	26	24
Range	miles	427	395	411	379
Front tires		225/50 R17 94V RSC	225/45 R18 91V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC
Rear tires		225/50 R17 94V RSC	225/45 R18 91V RSC	225/50 R17 94V RSC	225/50 R17 94V RSC
Front wheels		7.5J x 17 LM	8J x 18 LM	7.5J x 17 LM	7.5J x 17 LM
Rear wheels		7.5J x 17 LM	8J x 18 LM	7.5J x 17 LM	7.5J x 17 LM
Track front	mm / inch	1545 / 60.8	1551 / 61.1	1544 / 60.8	1544 / 60.8
Track rear	mm / inch	1594 / 62.8	1600 / 63	1590 / 62.6	1590 / 62.6