

BMW

U.S. Press Information

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Technical Data.

2009 BMW 5 Series Sports Wagon.

		535i xDrive Sports Wagon Manual 6 Speed	535i xDrive Sports Wagon Auto 6 Speed
Body			
No. of Doors / Seating Capacity	-	5 / 5	5 / 5
Vehicle Length	mm / inch	4856 / 191.2	4856 / 191.2
Vehicle Width	mm / inch	1846 / 72.7	1846 / 72.7
Vehicle Height, Unloaded	mm / inch	1491 / 58.7	1491 / 58.7
Wheelbase	mm / inch	2886 / 113.6	2886 / 113.6
Turning Circle	m / ft	11.9 / 39	11.9 / 39
Track, Front	mm / inch	1558 / 61.3	1558 / 61.3
Track, Rear	mm / inch	1581 / 62.2	1581 / 62.2
Width at Shoulderheight, Front	mm / inch	1456 / 57.3	1456 / 57.3
Width at Shoulderheight, Rear	mm / inch	1454 / 57.2	1454 / 57.2
Effective Leg Room, Front	mm / inch	1054 / 41.5	1054 / 41.5
Effective Leg Room, Rear	mm / inch	914 / 36	914 / 36
Effective Head Room, Front	mm / inch	992 / 39.1	992 / 39.1
Effective Head Room, Rear	mm / inch	994 / 39.1	994 / 39.1
Trunk Volume acc DIN	m³ / ft³	0.500-1.650 / 17.7-58.3	0.500-1.650 / 17.7-58.3
Trunk Volume acc SAE1100	ft³	0	0
Fuel Capacity	L / gal	70 / 18.5	70 / 18.5
Curb Weight	kg / lbs	1860 / 4101	1880 / 4145
Weight Distribution Front/Rear	%	49.2 / 50.8	49.2 / 50.8
Gross Vehicle Weight Rating (GVWR)	kg / lbs	2400 / 5291	2420 / 5335
Payload	kg / lbs	540 / 1190	540 / 1190
Axle Load Limit, front	kg / lbs	1080 / 2381	1080 / 2381
Axle Load Limit, rear	kg / lbs	1300 / 2866	1300 / 2866
Roof Load Limit	kg / lbs	100 / 220	100 / 220
Drag Coefficient	Cd	0.33	0.33
Drag Cd x A	m² / ft²	0.75 / 8.06	0.75 / 8.06
Engine			
Engine Type / Cylinder / Valves per Cylinder	-	In line / 6 / 4	In line / 6 / 4
Engine Management System	-	MSD80	MSD80
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	300 / 5800	300 / 5800
Torque	ft lbs / rpm	300 (407) / 1400	300 (407) / 1400
Compression Ratio / Fuel type	-	10.2 / Premium	10.2 / Premium
Chassis and Suspension			
Codification of Reference Gearbox	-	G	6HP19 Tü
Gear Ratios I	-	4.055	4.171
II	-	2.396	2.34
III	-	1.582	1.521
IV	-	1.192	1.143
V	-	1	0.867
VI	-	0.872	0.691
Reverse Ratio	-	3.677	3.403
Final Drive Ratio	-	3.08	3.46
Steering Type / Ratio	-	Rack-and-pinion / 13.7	Rack-and-pinion / 13.7
Front Brakes / Diameter	- / mm / inch	Vent. Disc / 348 / 13.7	Vent. Disc / 348 / 13.7
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 345 / 13.6	Vent. Disc / 345 / 13.6
Tire Type, Front	-	225/50 R17 94W AS	225/50 R17 94W AS
Tire Type, Rear	-	225/50 R17 94W AS	225/50 R17 94W AS
Wheels, Front	-	7.5J x 17 Light alloy	7.5J x 17 Light alloy
Wheels, Rear	-	7.5J x 17 Light alloy	7.5J x 17 Light alloy
Performance			
Top Speed	km/h / mph	240 / 150	240 / 150
Top speed w. Sport Package	km/h / mph	- / -	- / -
Acceleration, 0-60 mph	s	5.7	5.8
Acceleration, 0-100 Km/h	s	6	6.1
Fuel Economy, EPA Estimate - City	mpg	16	16
Fuel Economy, EPA Estimate - Highway	mpg	23	24
Fuel Economy, EPA Estimate - Combined	mpg	18	19
Approximate Range	km / miles	710 / 440	775 / 460