

BMW

U.S. Media Information

Technical Data

2014 BMW 3 Series Sports Wagon

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		328i xDrive Sports Wagon	328d xDrive Sports Wagon
Engine type		N20B2000	N47D2001
Transmission type		automatic transmission 8	automatic transmission 8
No of Doors / Seats	/	5 / 5	5 / 5
Veh. length	mm / inch	4627 / 182.1	4627 / 182.1
Veh. width	mm / inch	1811 / 71.3	1811 / 71.3
Veh. height	mm / inch	1434 / 56.5	1429 / 56.3
Wheelbase	mm / inch	2810 / 110.6	2810 / 110.6
Turning circle	m / ft	11.7 / 38.4	11.7 / 38.4
Ground clearance	mm / inch	145 / 5.7	145 / 5.7
Shoulder width front	mm / inch	1400 / 55.1	1400 / 55.1
Shoulder width rear	mm / inch	1400 / 55.1	1400 / 55.1
Legroom front	mm / inch	1068 / 42	1068 / 42
Legroom rear	mm / inch	888 / 35	888 / 35
Max. headroom front	mm / inch	1026 / 40.4	1026 / 40.4
Max. headroom rear	mm / inch	973 / 38.3	973 / 38.3
Luggage comp. capacity	m³ / ft³	0.495-1.500 / 17.5 - 53	0.495-1.500 / 17.5 - 53
Fuel tank capacity	liter / gal	60 / 15.8	57 / 15
Curb weight (US)	Kg / lbs	1715 / 3780	1719 / 3790
Weight distribution (empty car)	% front / % rear	49.1 / 50.9	48.7 / 51.3
Gross veh. weight	Kg / lbs	2159 / 4760	2134 / 4705
Payload	Kg / lbs	408 / 900	408 / 900
Axle load limit front	Kg / lbs	980 / 2160	975 / 2150
Axle load limit rear	Kg / lbs	1225 / 2700	1209 / 2665
Engine type / Cylinders / Valves p.cyl.		in line, VANOS, Valvetronic / 4 / 4	in line / 4 / 4
Fuel management		MEVD 17.2.4	DDE 7.01
Induction type		Single, Twin Scroll Turbocharger	Variable Geometry Turbocharger
Injection type		High precision direct injection	Common rail direct injection
Displacement	cm³ / inch³	1997 / 122	1995 / 122
Stroke	mm / inch	90.1 / 3.5	90 / 3.5
Bore	mm / inch	84 / 3.3	84 / 3.3
Engine power / at rpm	HP / RPM	240 / 5000-6000	181 / 4000
Engine torque / at rpm	ft lbs (Nm) / RPM	255 (350) / 1250-4800	280 (380) / 1750-2750
Compression rate / Fuel type (recomm.)	:1 /	10 / Premium	16.5 / Ultra Low Sulfur Diesel
Transmission		8HP45	8HP45
Gear ratios 1st gear		4.714	4.714
2nd gear		3.143	3.143
3rd gear		2.106	2.106
4th gear		1.667	1.667
5th gear		1.285	1.285
6th gear		1	1
7th gear		0.839	0.839
8th gear		0.667	0.667
Reverse gear		3.295	3.295
Final drive		3.154	2.81
Steering type / Steering ratio	:1:1	rack-and-pinion / 15.2	rack-and-pinion / 15.2
Front brake // Diameter	inch	disc ventilated / 13	disc ventilated / 13
Rear brake // Diameter	inch	disc ventilated / 11.8	disc ventilated / 11.8
Cd // Frontal	// m² / ft²	0.33 // 2.2 / 23.68	0.31 // 2.2 / 23.68
Top speed	Kmh / mph	210 / 130	210 / 130
Top speed optional	Kmh / mph	240 / 149	222 / 138
Acceleration 0-60 mph	s	6	7.7
Acceleration 0-100Kmh	s	6.3	7.7
Acceleration 0-1000m	s	26.6	
Fuel cons. city (official EPA)	mpg	22	31
Fuel cons. highway (official EPA)	mpg	33	43
Fuel cons. combined (official EPA)	mpg	26	35
Range	miles	411	525.00
Front tires		225/50 R17 94V RSC	225/50 R17 94V RSC
Rear tires		225/50 R17 94V RSC	225/50 R17 94V RSC
Front wheels		7.5J x 17 LM	7.5J x 17 LM
Rear wheels		7.5J x 17 LM	7.5J x 17 LM
Track front	mm / inch	1531 / 60.3	1531 / 60.3
Track rear	mm / inch	1570 / 61.8	1570 / 61.8