

BMW

U.S. Media Information

Technical Data

2018 BMW 5 Series Sedan

540d xDrive

Transmission type		automatic
Body		
Seats	--	5
Number of Doors	--	4
Drive type	--	AWD
Vehicle length	inch	194.6
Vehicle width	inch	73.5
Width including mirrors	inch	83.7
Vehicle height	inch	58.2
Wheelbase	inch	117.1
Overhang front	inch	34.2
Rear overhang	inch	43.3
Ground clearance	inch	5.5
Turning circle	ft	40.1
Legroom front	inch	41.4
Legroom 2nd row	inch	36.5
Shoulder room front	inch	58.7
Shoulder room rear	inch	55.9
Headroom front with Moonroof	inch	38.8
Maximum headroom 2nd row with	inch	37.5
Press Trunk volume (SAE)	ft ³	18.7
US Fuel Tank capacity	gal	18
rear Weight distribution (empty car)	%	46.2
US Curb weight	lbs	4019
Engine		
Engine type	--	B57D30O0
Cylinders	--	6
Valves per cylinder	--	4
Stroke	mm	90
Bore	mm	84
Displacement	cm ³	2993
Compression rate	:1	16.5
Engine power	hp@rpm	261@4000-4000
Engine torque	lb-ft@rpm	457@2000-2500
Engine power (total system)	hp@rpm	--

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Engine torque (total system)	lb-ft@rpm	--
Fuel type	--	diesel
Useable Fuel quality	--	diesel
Recommended Fuel quality	--	diesel
Engine oil (filling quantity)	liter	6.5
Transmission		
Transmission designation	--	8HP75
Transmission type	--	automatic transmission
Gear ratios		
1st gear	--	5
2nd	--	3.2
3rd	--	2.143
4th	--	1.72
5th	--	1.313
6th	--	1
7th	--	0.823
8th	--	0.64
Reverse gear	--	3.478
Final drive ratio	--	2.563
Power-steering	--	EPS
Steering transmission, overall	:1	16.3
Chassis and Suspension		
Front tires	--	245/45 R18 100H XL AS
Front rims	--	8J x 18 LM
Rear tires	--	245/45 R18 100H XL AS
Rear rims	--	8J x 18 LM
Track front	inch	63
Rear track	inch	63.9
Performance		
Top speed	mph	130
Top speed (Optional)	mph	155
0-60 mph	s	5.1
Air resistance	m ²	0.61
A	m ²	2.34

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Cx	--	0.26
Battery Capacity (low voltage)	Ah	105
System voltage (low voltage)	V	12
Fuel Economy		
Fuel cons. city (official EPA)	mpg	26
Fuel cons. highway (official EPA)	mpg	36
Fuel cons. combined (official EPA)	mpg	30
Fuel economy combined	MPGe	--