

BMW

U.S. Media Information

Technical Data

2018 BMW M3 Sedan

		M3	M3 DCT
Transmission type		manual transmission	DCT
Body			
Seats	--	5	5
Number of Doors	--	4	4
drive type	--	RWD	RWD
Veh. length	inch	184.5	184.5
Veh. width	inch	73.9	73.9
Width incl mirrors	inch	80.2	80.2
Veh. height	inch	56.1	56.1
Wheelbase	inch	110.7	110.7
Overhang front	inch	32.6	32.6
Rear overhang	inch	41.3	41.3
Ground clearance	inch	4.7	4.7
Turning circle	ft	40	40
Legroom front	inch	42	42
Legroom 2nd row	inch	35.1	35.1
Shoulder room front	inch	55.1	55.1
Shoulder room rear	inch	55.1	55.1
Headroom front	inch	40.3	40.3
Maximum headroom 2nd row	inch	37.7	37.7
Headroom front with Sunroof	inch	39.1	39.1
Maximum headroom 2st row with sunroof	inch	37.4	37.4
Front Seat Volume	ft ³	54	54
Rear Seat Volume	ft ³	42.2	42.2
Press Trunk volume (SAE)	ft ³	17.0	17.0
US Tank capacity - series	gal	15.8	15.8
rear Weight distribution (empty car)	%	48.4	48.1
US Curb weight	lbs	3575	3630
Engine			
Engine type	--	S55B30T0	S55B30T0
Cylinders	--	6	6
Valves p.cyl.	--	4	4
Stroke	mm	89.6	89.6
Bore	mm	84	84
Displacement	cm ³	2979	2979
Compression rate	:1	10.2	10.2
Engine power	hp@rpm	425@5500-7300	425@5500-7300
Engine torque	lb-ft@rpm	406@1850-5500	406@1850-5500
Fuel type	--	gasoline	gasoline
Useable Fuel quality	--	ROZ95-98	ROZ95-98
recomm.	--	AKI 93	AKI 93
Engine oil (filling quantity)	liter	6.5	6.5
Transmission			
Transmission designation	--	K	M DKG 436
Transmission type	--	manual transmission	DCT
Gear ratios			
1st gear	--	4.11	4.806
2nd	--	2.315	2.593
3rd	--	1.542	1.701
4th	--	1.179	1.277
5th	--	1	1
6th	--	0.846	0.844
7th	--	-	0.671

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Reverse gear	--	-3.727	-4.172
Final drive ratio	--	3.462	3.462
Chassis and Suspension			
Power-steering	--	EPS	EPS
Steering transmission, overall	:1	15	15
Front tires	--	255/40 ZR18 95Y	255/40 ZR18 95Y
Front rims	--	9J x 18 EH2+ LM	9J x 18 EH2+ LM
Rear tires	--	275/40 ZR18 99Y	275/40 ZR18 99Y
Rear rims	--	10J x 18 EH2+ LM	10J x 18 EH2+ LM
Track front	inch	62.2	62.2
Rear track	inch	63.1	63.1
Performance			
Top speed	mph	155	155
0-60 mph	s	4.1	3.9
0-400 m	s	12.3	12.1
A	m ²	2.29	2.29
Cx	--	0.34	0.34
Battery Capacity (low voltage)	Ah	69	69
System voltage (low voltage)	V	12	12
Fuel economy			
Fuel cons. city (official EPA)	mpg	17	17
Fuel cons. highway (official EPA)	mpg	26	24
Fuel cons. combined (official EPA)	mpg	20	19