

BMW

U.S. Media Information

Technical Data

2015 BMW M3 Sedan

		M3 Sedan	M3 Sedan
Engine type		S55B30T0	S55B30T0
Transmission type		DKG 7	manual transmission 6
No of Doors / Seats	/	4 / 5	4 / 5
Veh. length	mm / inch	4687 / 184.5	4687 / 184.5
Veh. width	mm / inch	1877 / 73.9	1877 / 73.9
Veh. height	mm / inch	1424 / 56.1	1424 / 56.1
Wheelbase	mm / inch	2812 / 110.7	2812 / 110.7
Turning circle	m / ft	12.2 / 40	12.2 / 40
Ground clearance	mm / inch	120 / 4.7	120 / 4.7
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	892 / 35.1	892 / 35.1
Max. headroom front	mm / inch	1023 / 40.3	1023 / 40.3
Max. headroom rear	mm / inch	957 / 37.7	957 / 37.7
Luggage comp. capacity	m³ / ft³	0,480 / 12.0	0,480 / 12.0
Fuel tank capacity	liter / gal	60 / 15.8	60 / 15.8
Curb weight (US)	Kg / lbs	1631 / 3595	1606 / 3540
Weight distribution (empty car)	front % / rear %	52.2 / 47.8	51.6 / 48.4
Gross veh. weight	Kg / lbs	2121 / 4675	2100 / 4630
Payload	Kg / lbs	445 / 980	445 / 980
Axle load limit front	Kg / lbs	991 / 2185	991 / 2185
Axle load limit rear	Kg / lbs	1170 / 2580	1170 / 2580
Engine type / Cylinders / Valves p.cyl.		in line, VANOS, Valvetronic / 6 / 4	in line, VANOS, Valvetronic / 6 / 4
Induction type		Two single scroll turbochargers	Two single scroll turbochargers
Injection type / Injection technique		High precision direct injection	High precision direct injection
Displacement	cm³ / inch³	2979 / 182	2979 / 182
Stroke	mm / inch	89.6 / 3.5	89.6 / 3.5
Bore	mm / inch	84 / 3.3	84 / 3.3
Engine power / at rpm	bHP / 1min	425 / 5500-7300	425 / 5500-7300
Engine torque / at rpm	ft.lbs (Nm) / 1min	406 (550) / 1850-5500	406 (550) / 1850-5500
Compression rate / Fuel type (recomm.)	:/	10.2 / Premium	10.2 / Premium
Type of gearbox		M-DKG 436	K
1st gear		4.806	4.11
2nd		2.593	2.315
3rd		1.701	1.542
4th		1.277	1.179
5th		1	1
6th		0.844	0.846
7th		0.671	
Reverse gear		4.172	3.727
Final drive		3.462	3.462
Steering type / Steering ratio		rack-and-pinion / 15	rack-and-pinion / 15
Front brake (Compound) / diameter	/ in	disc ventilated / 15	disc ventilated / 15
Front brake (Carbon Ceramic) / diameter	/ in	disc ventilated / 15.75	disc ventilated / 15.75
Rear brake (Compound) / diameter	/ in	disc ventilated / 14.6	disc ventilated / 14.6
Rear brake (Carbon Ceramic) / diameter	/ in	disc ventilated / 15	disc ventilated / 15
Cx // A	// m² / ft²	0.34 // 2.29 / 24.65	0.34 // 2.29 / 24.65
Top speed	Kmh / mph	250 / 155	250 / 155
Top speed optional	Kmh / mph	/	/
Acceleration 0-60 mph	s	3.9	4.1
Acceleration 0-100Kmh	s	4.1	4.3
Acceleration 0-1000m	s	21.9	22.2
Fuel cons. city (official EPA)	mpg	17	17
Fuel cons. highway (official EPA)	mpg	24	26
Fuel cons. combined (official EPA)	mpg	19	20
Range	miles	300	316
Front tires		255/40 ZR18 95Y	255/40 ZR18 95Y
Rear tires		275/40 ZR18 99Y	275/40 ZR18 99Y
Front wheels		9J x 18	9J x 18
Rear wheels		10J x 18	10J x 18
Track front		1579 / 62.2	1579 / 62.2
Track rear	mm / inch	1603 / 63.1	1603 / 63.1
Wheel offset front / rear	mm / mm	29 / 40	29 / 40