

Technical Data
2015 BMW Z4 Roadster

	Z4 sDrive28i Roadster	Z4 sDrive28i Roadster	Z4 sDrive35i Roadster	Z4 sDrive35is Roadster
	N20B2000	N20B2000	N54B3000	N54B3070
Engine type	-			
Transmission type	-			
No. of Doors / Seats	2 / 2			
Veh. length	mm / inch	4239 / 166.9	4239 / 166.9	4244 / 167.1
Veh. width	mm / inch	1790 / 70.5	1790 / 70.5	1790 / 70.5
Veh. height	mm / inch	1291 / 50.8	1291 / 50.8	1284 / 50.6
Wheelbase	mm / inch	2496 / 98.3	2496 / 98.3	2496 / 98.3
Turning circle	m / ft	10.7 / 35.1	10.7 / 35.1	10.7 / 35.1
Ground clearance	mm / inch	130 / 5.1	130 / 5.1	124 / 4.9
Shoulder width front	mm / inch	1354 / 53.3	1354 / 53.3	1354 / 53.3
Shoulder width rear	mm / inch	-	-	-
Lagroom front	mm / inch	1069 / 42.1	1069 / 42.1	1069 / 42.1
Lagroom rear	mm / inch	-	-	-
Max. headroom front	mm / inch	992 / 39.1	992 / 39.1	992 / 39.1
Max. headroom rear	mm / inch	-	-	-
Trunk volume (SAE)	ft ³	6.4-10.9	6.4-10.9	6.4-10.9
Fuel tank capacity	liter / gal	55 / 14.5	55 / 14.5	55 / 14.5
Curb weight (US)	kg / lbs	1500 / 3307	1480 / 3263	1600 / 3527
Wgt. dist. (empty car)	%	47.7 / 82.3	47.6 / 82.7	49.1 / 80.9
Gross veh. weight	kg / lbs	1790 / 3924	1790 / 3958	1895 / 4178
Payload	kg / lbs	255 / 562	255 / 562	255 / 562
Axle load limit front	kg / lbs	790 / 1742	790 / 1742	870 / 1918
Axle load limit rear	kg / lbs	1010 / 2227	1010 / 2227	1040 / 2293
Engine type (Cylinders / Valves p.c.v.)		in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 4 / 4	in line / 6 / 4 / VANOS / Valvetronic
Engine management		MEVD 17.2.4	MEVD 17.2.4	MSD 80
Induction type		Twin scroll turbocharger	Twin scroll turbocharger	Twin scroll turbochargers
Displacement	cm ³ / inch ³	1997 / 122	1997 / 122	2979 / 182
Stroke	mm / inch	90.1 / 3.5	90.1 / 3.5	89.6 / 3.5
Bore	mm / inch	84 / 3.3	84 / 3.3	84 / 3.3
Engine power / at rpm	hp / kW	240 / 176	240 / 176	335 / 245
Engine torque / at rpm	ft lbs (Nm) / RPM	255 (350) / 1250-4800	255 (350) / 1250-4800	300 (407) / 1400-5000
Compression ratio / Fuel type (recomm.)		10 / Premium	10 / Premium	10.2 / Premium
Transmission type		8HP45	8HP45	DKG 436
Gear ratios 1st gear		4.714	3.683	4.78
2nd gear		3.143	2.062	3.056
3rd gear		2.106	1.313	2.153
4th gear		1.667	1	1.678
5th gear		1.285	0.809	1.39
6th gear		1	0.677	1.203
7th gear	- / - / -	0.839	N/A	1
8th gear	- / - / -	0.667	N/A	N/A
Reverse gear		3.295	3.348	4.454
Final drive		3.727	3.077	2.563
Steering type / Steering ratio		rack-and-pinion / 14.4	rack-and-pinion / 14.4	rack-and-pinion / 14.4
Front brake / diameter		disc ventilated / 330 / 13	disc ventilated / 330 / 13	disc ventilated / 348 / 13.7
Rear brake / diameter		disc ventilated / 300 / 11.8	disc ventilated / 300 / 11.8	disc ventilated / 334 / 12.8
CD / A	- / m ² / ft ²	0.34 / 1.36 / 21.1	0.34 / 1.36 / 21.1	0.35 / 1.36 / 21.1
Air resistance	mi ² / ft ²	0.67 / 7.17	0.67 / 7.17	0.69 / 7.39
Top speed	kmh / mph	210 / 130	210 / 130	250 / 155
Top speed optional	kmh / mph	250 / 155	250 / 155	-
Acceleration 0-60 mph	s	5.4	5.3	4.8
Acceleration 0-100 km/h	s	5.7	5.8	5
Acceleration 0-1000m	s	25.6	25.4	24
Fuel cons. city (official EPA)	mpg	22	22	19
Fuel cons. highway (official EPA)	mpg	33	34	26
Fuel cons. combined (official EPA)	mpg	26	26	21
Range	miles	377	377	290
Front tires		225/45 R17 91V RSC	225/45 R17 91V RSC	225/45 R17 91V RSC
Rear tires		225/45 R17 91V RSC	225/45 R17 91V RSC	255/35R18 90W RSC
Front wheels		8J x 17 LM	8J x 17 LM	8J x 18 LM
Rear wheels		8J x 17 LM	8J x 17 LM	8.5 x 18 LM
Track front	mm / inch	1511 / 59.5	1511 / 59.5	1511 / 59.5
Track rear	mm / inch	1562 / 61.5	1562 / 61.5	1540 / 60.6