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Technical Data
2014 BMW4 Series Convertible

		428i Convertible	428i Convertible SULEV	435i Convertible
Engine type		N20B2000	N26B2000	N55B30M0
Transmission type		automatic transmission 8	automatic transmission 8	automatic transmission 8
No of Doors / Seats		2 / 4	2 / 4	2 / 4
Veh. length	mm / inch	4638 / 182.6	4638 / 182.6	4638 / 182.6
Veh. width	mm / inch	1825 / 71.9	1825 / 71.9	1825 / 71.9
Veh. height	mm / inch	1384 / 54.5	1384 / 54.5	1384 / 54.5
Wheelbase	mm / inch	2810 / 110.6	2810 / 110.6	2810 / 110.6
Turning circle	m / ft	11.3 / 37.1	11.3 / 37.1	11.3 / 37.1
Ground clearance	mm / inch	130 / 5.1	130 / 5.1	130 / 5.1
Shoulder width front	mm / inch	1405 / 55.3	1405 / 55.3	1405 / 55.3
Shoulder width rear	mm / inch	1265 / 49.8	1265 / 49.8	1265 / 49.8
Legroom front	mm / inch	1071 / 42.2	1071 / 42.2	1071 / 42.2
Legroom rear	mm / inch	842 / 33.1	842 / 33.1	842 / 33.1
Max. headroom front	mm / inch	1025 / 40.4	1025 / 40.4	1025 / 40.4
Max. headroom rear	mm / inch	942 / 37.1	942 / 37.1	942 / 37.1
Luggage comp. capacity	m³ / ft³	0.370-0.220 / 13.06-7.78	0.370-0.220 / 13.06-7.78	0.370-0.220 / 13.06-7.78
Fuel tank capacity	liter / gal	60 / 15.8	60 / 15.8	60 / 15.8
Curb weight (US)	Kg / lbs	1798 / 3965	1803 / 3975	1857 / 4095
Weight distribution (empty car)	Front % / Rear%	53.6 / 46.4	53.5 / 46.5	52 / 48
Gross veh. weight	Kg / lbs	2159 / 4760	2164 / 4770	2209 / 4870
Payload	Kg / lbs	327 / 720	327 / 720	327 / 720
Axle load limit front	Kg / lbs	959 / 2115	964 / 2125	1014 / 2235
Axle load limit rear	Kg / lbs	1229 / 2710	1229 / 2710	1229 / 2710
Engine type / Cylinders / Valves p.cyl.		in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 4 / 4	in line, VANOS, Valvetronic / 6 / 4
Engine management		MEVD 17.2.4	MEVD 17.2.4	MEVD 17.2
Induction type		Twin scroll turbocharger	Twin scroll turbocharger	Twin scroll turbocharger
Injection type		High precision direct injection	High precision direct injection	High precision direct injection
Displacement	cm³ / inch³	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 / RPM	240 / 5000-6000	240 / 5000-6500	300 / 5800-6000
Engine torque / at rpm	ft.lbs (Nm) / RPM	255 (350) / 1250-4800	255 (350) / 1250-4800	300 (400) / 1300-5000
Compression rate / Fuel type (recomm.)	- /	10 / Premium	10 / Premium	10.2 / Premium
Type of Transmission		8HP45	8HP45	8HP45
Gear ratios 1st gear		4.714	4.714	4.714
2nd gear		3.143	3.143	3.143
3rd gear		2.106	2.106	2.106
4th gear		1.667	1.667	1.667
5th gear		1.285	1.285	1.285
6th gear		1	1	1
7th gear		0.839	0.839	0.839
8th gear		0.667	0.667	0.667
Reverse gear		3.295	3.295	3.295
Final drive		3.154	3.154	3.154
Steering type / Steering ratio	- / :1	rack-and-pinion / 15	rack-and-pinion / 15	rack-and-pinion / 15
Front brake // Diameter	inch	disc ventilated / 13	disc ventilated / 13	disc ventilated / 13.4
Rear brake // Diameter	inch	disc ventilated / 11.8	disc ventilated / 11.8	disc ventilated / 13
Cd // Frontal	- / m² / ft²	0.30 // 2.16 / 23.25	0.30 // 2.16 / 23.25	0.31 // 2.16 / 23.25
Top speed	Kmh / mph	210 / 130	210 / 130	210 / 130
Top speed optional	Kmh / mph	250 / 155	250 / 155	250 / 155
Acceleration 0-60 mph	s	6.2	6.2	5.4
Acceleration 0-100 Km/h	s	6.5	6.5	5.7
Acceleration 0-1000m	s	26.7	26.7	25.1
Fuel cons. city (preliminary EPA)	mpg			
Fuel cons. highway (preliminary EPA)	mpg			
Fuel cons. combined (preliminary EPA)	mpg			
Range	miles			
Front tires		225/50 R17 94W RSC	225/50 R17 94W RSC	225/45 R18 91W RSC
Rear tires		225/50 R17 94W RSC	225/50 R17 94W RSC	225/45 R18 91W RSC
Front wheels		7.5J x 17 LM	7.5J x 17 LM	8J x 18 LM
Rear wheels		7.5J x 17 LM	7.5J x 17 LM	8J x 18 LM
Track front	mm / inch	1545 / 60.8	1545 / 60.8	1545 / 60.8
Track rear	mm / inch	1594 / 62.8	1594 / 62.8	1594 / 62.8