

Technical Data - Europe.

BMW 7 Series (E65/E66).

		730d	730Ld	745d
		Sedan	Sedan	Sedan
Engine platform		M57D30O2	M57D30 TÜ2	M67D44 TÜ
Transmission		A6	A6	A6
No of doors / seats	-	4 / 5	4 / 5	4 / 5
Vehicle length / width / height -unloaded-	mm	5039 / 1902 / 1491	5179 / 1902 / 1484	5039 / 1902 / 1491
Wheelbase / Turning circle	mm / m	2990 / 12,1	3128 / 12,6	2990 / 12,1
Track front / rear	mm	1578 / 1596	1578 / 1596	1578 / 1596
Overhang rear	mm	1136	1138	1136
Ground clearance -empty-	mm	151	140	151
Shoulder width front / rear	mm	1507 / 1491	1506 / 1491	1507 / 1491
Elbow width front / rear	mm	1539 / 1550	1539 / 1541	1539 / 1550
Eff. head room front / rear	mm	996 / 979	996 / 979	996 / 979
Luggage capacity	m³	0,500	0,500	0,500
Fuel tank capacity	ltr	88	88	88
Curb weight -acc DIN-	kg	1900 / 1975	1940 / 2015	2040 / 2115
Axle load ratio -unloaded DIN-	%	49,4	50,0	47,9
Gross vehicle weight / Payload	kg	2480 / 580	2520 / 580	2620 / 580
Axle load limit front / rear	kg	1190 / 1360	1190 / 1390	1275 / 1400
Trailer load braked -12% / 8%-	kg	2100 / 2100	2100 / 2100	2100 / 2100
Trailer load unbraked / roof load	kg	750 / 100	750 / 100	750 / 100
Engine type / cylinder / valves p cyl	-	In line / 6 / 4	In line / 6 / 4	V 90 / 8 / 4
Fuel management	-	DDE6	DDE6	DDE6
Effective displacement	cm³	2993	2993	4423
Stroke / Bore	mm	90 / 84	90 / 84	93 / 87
Nom power output / Engine speed	kW(hp) / 1/min	170 (231) / 4000	170 (231) / 4000	242 (330) / 3800
Max torque / Engine speed	Nm / 1/min	520 / 2000	520 / 2000	750 / 1900
RPM at max torque -range-	1/min	2000-2750	2000-2750	1900-2500
Compression ratio / Fuel type	-	17 / Diesel	17 / Diesel	17 / Diesel
Exhaust emissions classification	-	EU4	EU4	EU4
Codification of reference gearbox	-	ZF 6HP26	ZF 6HP19	ZF 6HP32
Gear ratio 1st/2nd/3rd	-	4,171 / 2,34 / 1,521	4,171 / 2,34 / 1,521	4,171 / 2,34 / 1,521
Gear ratio 4th/5th/6th/7th	-	1,143 / 0,867 / 0,691 / -	1,143 / 0,867 / 0,691 / -	1,143 / 0,867 / 0,691 / -
Reverse ratio	-	3,403	3,403	3,403
Final drive ratio	-	2,81	2,81	2,93
Steering type / ratio	-	Rack-and-pinion / 13,1	Rack-and-pinion / 13,1	Rack-and-pinion / 13,1
Brake front / diameter	-/mm	Ventilated Disc / 348	Ventilated Disc / 348	Ventilated Disc / 374
Brake rear / diameter	-/mm	Ventilated Disc / 345	Ventilated Disc / 345	Ventilated Disc / 370
Drag Cd / A / Cd x A	- / m² / m²	0,29 / 2,38 / 0,69	0,29 / 2,38 / 0,69	0,29 / 2,38 / 0,69
Top speed	km/h	238	238	250
Acceleration 0-100 Km/h	s	7,8	7,9	6,6
Acceleration 0-1000 m	s	28,0	28,1	26,0
Accel 80-120 Km/h 4/5 Gear	s	- / - / -	- / - / -	- / - / -
Weight ratio	kg/kW	11,2	11,4	8,4
Output per litre	kW/ltr	56,8	56,8	54,8
Fuel consumption -EU urban-	ltr/100km	11,3	11,3	13,5
Fuel consumption -EU extra-urban-	ltr/100km	6,4	6,4	7,2
Fuel consumption KV01 / Range	ltr/100km / km	8,2 / 1075	8,2 / 1075	9,5 / 925
CO2-emission -EU-	g/km	216	216	251
Tyre type -front-	-	245/55 R17 102W	245/55 R17 102W	245/50 R18 100W
Tyre type -rear-	-	245/55 R17 102W	245/55 R17 102W	245/50 R18 100W
Front rim	-	8 J x 17 Light alloy	8 J x 17 Light alloy	8 J x 18 Light alloy
Rear rim	-	8 J x 17 Light alloy	8 J x 17 Light alloy	8 J x 18 Light alloy
Wheel offset -front/rear-	mm	24 / 24	24 / 24	24 / 24
Radiator incl. heater / Engine oil exchange quantity	ltr	9,7 / 8,3	9,7 / 8,3	10,5 / 10,8
Transmission fluid -exchange quantity-	ltr	Permanent filling	Permanent filling	Permanent filling
Battery capacity / installed position	Ah/-	90 / Luggage comp.	90 / Luggage comp.	90 / Luggage comp.
Alternator output rating	A/W	180 / 2520	180 / 2520	180 / 2520