

Technical Data - Europe.

BMW Z4 Coupé (E86).

	Z4 3.0si Coupé	Z4 3.0si Coupé	Z4 M Coupé Coupé
Engine platform	N52B30O0	N52B30O0	S54B33
Transmission	M6	A6	M6
No of doors / seats	- / 2	2 / 2	2 / 2
Vehicle length / width / height -unloaded-	4091 / 1781 / 1268	4091 / 1781 / 1268	4113 / 1781 / 1287
Weelbase / Turning circle	2495 / 9,8	2495 / 9,8	2497 / 10,5
Track front / rear	1473 / 1523	1473 / 1523	1486 / 1516
Overhang rear	772	772	-
Ground clearance -empty-	128	128	-
Shoulder width front / rear	1334 / -	1334 / -	1334 / -
Elbow width front / rear	1396 / -	1396 / -	1396 / -
Eff. head room front / rear	948 / -	948 / -	948 / -
Luggage capacity	0,285-0,340	0,285-0,340	0,245-0,300
Fuel tank capacity	55	55	55
Curb weight -acc DIN-	1320 / 1395	1440 / 1515	1420 / 1495
Axle load ratio -unloaded DIN-	49,2	48,6	49,3
Gross vehicle weight / Payload	1650 / 330	1680 / 330	1730 / 310
Axle load limit front / rear	790 / 890	790 / 890	855 / 935
Trailer load braked -12% / 8%-	- / -	- / -	- / -
Trailer load unbraked / roof load	- / -	- / -	- / -
Engine type / cylinder / valves p cyl	-	In line / 6 / 4	In line / 6 / 4
Fuel management	-	MSV70	MSS70
Effective displacement	2996	2996	3246
Stroke / Bore	88 / 85	88 / 85	91 / 87
Nom power output / Engine speed	195 (265) / 6600	195 (265) / 6600	252 (343) / 7900
Max torque / Engine speed	315 / 2750	315 / 2750	365 / 4900
RPM at max torque -range-	see 'Tor./Engine speed'	see 'Tor./Engine speed'	see 'Tor./Engine speed'
Compression ratio / Fuel type	-	10,7 / ROZ91-98	11,5 / ROZ95-98
Exhaust emissions classification	-	EU4	EU4
Codification of reference gearbox	-	ZF H	ZF H
Gear ratio 1st/2nd/3rd	-	4,35 / 2,496 / 1,665	4,171 / 2,34 / 1,521
Gear ratio 4th/5th/6th/7th	-	1,23 / 1 / 0,851 / -	1,143 / 0,867 / 0,691 / -
Reverse ratio	-	3,926	3,403
Final drive ratio	-	3,46	3,62
Steering type / ratio	-	Rack-and-pinion / 14,2	Rack-and-pinion / 15,4
Brake front / diameter	-/mm	Ventilated Disc / 325	Ventilated Disc / 345
Brake rear / diameter	-/mm	Ventilated Disc / 294	Ventilated Disc / 328
Drag Cd / A / Cd x A	- / m ² / m ²	0,34 / 1,91 / 0,65	0,34 / 1,91 / 0,65
Top speed	km/h	250	250
Acceleration 0-100 Km/h	s	5,7	6,0
Acceleration 0-1000 m	s	25,2	23,7
Accel 80-120 Km/h 4/5 Gear	s	5,2 / 6,2 / -	- / - / -
Weight ratio	kg/kW	6,8	7,4
Output per litre	kW/ltr	65,1	65,1
Fuel consumption -EU urban-	ltr/100km	13,0	12,8
Fuel consumption -EU extra-urban-	ltr/100km	6,5	6,8
Fuel consumption KV01 / Range	ltr/100km / km	8,9 / 620	9 / 610
CO2-emission -EU-	g/km	213	216
Tyre type -front-	-	225/45 R17 91W RSC	225/45 R17 91W RSC
Tyre type -rear-	-	225/45 R17 91W RSC	225/45 R17 91W RSC
Front rim	-	8 J x 17 Light alloy	8 J x 18 Light alloy
Rear rim	-	8 J x 17 Light alloy	9 J x 18 Light alloy
Wheel offset -front/rear-	mm	47 / 47	42 / 30
Radiator incl. heater / Engine oil exchange quantity	ltr	7,6 / 6,5	8,4 / 6,5
Transmission fluid -exchange quantity-	ltr	Permanent filling	Permanent filling
Battery capacity / installed position	Ah/-	55 / Luggage comp.	55 / Luggage comp.
Alternator output rating	A/W	155 / 2170	155 / 2170
			147 / 2058