Passenger car specifications

	Country		Germany												
	Vehicle make / Model		Mercedes-Benz												
			190 E 1.8	190 E 2.5-16	190 D 2.5 Turbo	230 CE	250 D	260 E	300 E 4-Matic	300 SL-24	300 TD Turbo 4-Matic	400 SE	500 SL	600 SEL	
1	Body style		4 Li 5	4 Li 5	4 Li 5	2 Co 5	4 Li 5	4 Li 5	4 Li 5	2 Ro 2+2	5 KoLi 5	4 Li 5	2 Ro 2+2	4 Li 5	1
2	Net engine horsepower at engine speed	kW (HP) min⁻¹	80 (109) 5500	143 (195) 6750	93 (126) 4600	97 (132) 5100	69 (94) 4600	118 (160) 5600	132 (180) 5700	170 (231) 6300	108 (147) 4600	210 (286) 5700	240 (326) 5500	300 (408) 5200	2
3	Max. torque at engine speed	Nm min⁻¹	150 3700	235 5000-5500	231 2400	198 3500	158 2800	220 4500	255 4400	272 4600	273 2400	410 3900	450 4000	580 3800	3
4	Maximum speed	km/h	185	230	195	200	175	215	217	240	188	245	250	250	4
5	Acceleration from 0 to 100 km/h	s	12.7	7.7	11.5	10.6	16.2	9.0	8.5	8.1	11.8	7.9	6.2	6.3	5
6	Curb weight	kg	1160	1300	1300	1380	1390	1420	1580	1690	1710	1990	1770	2190	6
7	Gross vehicle weight	kg	1660	1800	1800	1870	1910	1940	2080	2080	2310	2510	2160	2650	7
8	Power-to-weight ratio	kg/kW	14.5	9.1	14.0	14.2	20.1	12.0	11.8	9.9	15.8	9.5	7.4	7.3	8
9	Fuel consumption	l/100 km	7.0/8.8/11.0	7.3/9.0/13.3	5.6/7.6/9.3	6.9/8.6/12.1	5.4/7.0/8.9	8.0/10.1/14.5	9.1/11.0/13.8	8.8/10.4/16.2	7.5/9.7/10.2	10.1/12.2/16.7	10.1/12.0/16.6	11.8/13.7/20.7	9
10	Type of fuel		Premium unleaded	Premium unleaded	Diesel	Premium unleaded	Diesel	Premium unleaded	Premium unleaded	Premium unleaded	Diesel	Premium unleaded	Premium unleaded	Premium unleaded	10
11	Fuel tank capacity	l	55	70	55	70	70	70	70	80	70	100	80	100	11
12	Engine swept volume	cm³	1797	2488	2497	2298	2497	2597	2960	2960	2996	4196	4973	5987	12
13	Bore/stroke	mm	89.0/72.2	95.5/87.2	87.0/84.0	95.5/80.2	87.0/84.0	92.9/80.2	88.5/80.2	88.5/80.2	87.0/84.0	92.0/78.9	96.5/85.0	89.9/80.2	13
14	Compression ratio		9.1	9.7	22	9.0	22.0	9.2	9.2	10.0	22.0	10.0	10.0	10.0	14
15	Specific power output	kW/l	44.5	57.2	37.2	42.2	27.6	45.4	44.6	57.4	36.0	50.0	48.3	50.1	15
16	Engine type		lä 4 R	lä 4 R 4 Ve	lä 5 R	lä 4 R	lä 5 R	lä 6 R	lä 6 R	lä 6 R 4 Ve	lä 6 R	lä 8 V, 4 Ve	lä 8 V, 4 Ve	lä 12 V, 4 Ve	16
17	Fuel management		KE-Jetronic	KE-Jetronic	EP/R	KE-Jetronic	EP/R	KE-Jetronic	KE-Jetronic	KE-Jetronic	EP/R, AT	LH-Jetronic	KE-Jetronic	LH-Jetronic	17
18	Alternator	V/A	14/55	14/55	14/55	14/55	14/55	14/70	14/70	14/100	14/70	14/120	14/110	14/120	18
19	Battery	V/Ah	12/42	12/62	12/72	12/62	12/72	12/62	12/62	12/92	12/72	12/100	12/92	12/100	19
20	Drive configuration		v-h	v-h	v-h	v-h	v-h	v-h	v-v+h	v-h	v-v+h	v-h	v-h	v-h	20
21	Transmission ratios	1st/2nd gear 3rd/4th gear 5th gear	3.91/2.17 1.37/1.00	4.08/2.52 1.77/1.26 1.00	3.86/2.18 1.38/1.00 0.75	3.91/2.17 1.37/1.00 0.81	3.91/2.17 1.37/1.00 0.81	3.86/2.18 1.38/1.00 0.80	3.87/2.25 1.44/1.00	4.15/2.52 1.69/1.24 1.00	3.68/2.41 1.44/1.00	3.87/2.25 1.44/1.00	3.87/2.25 1.44/1.00	3.87/2.25 1.44/1.00	21
22	Final-drive ratio		3.46	3.07	3.46	3.46	3.64	3.92	3.27	3.46	2.65	2.82	2.65	2.65	22
23	Gearshift		4 K (5 K, 4 A)	5 K (4 A)	5 K (4 A)	5 K (4 A)	5 K (4 A)	5 K (4 A)	4 A	5 K (4/5 A)	4 A	4 A	4 A	4 A	23
24	Cooling		W 8.5	W 8.0	W 8.5	W 8.5	W 8.5	W 8.5	W 8.5	W 9.0	W 11	W 16.5	W 13	W 20	24
25	Vehicle length	mm	4448	4430	4448	4655	4740	4740	4740	4470	4765	5115	4470	5115	25
26	Vehicle width	mm	1690	1706	1690	1740	1740	1740	1740	1812	1740	1885	1812	1885	26
27	Vehicle height	mm	1375	1361	1375	1395	1431	1431	1431	1293	1490	1500	1293	1500	27
28	Wheelbase	mm	2665	2665	2665	2715	2800	2800	2800	2515	2800	3040	2515	3040	28
29	Track, front/rear	mm	1437/1418	1446/1429	1437/1418	1501/1491	1501/1491	1501/1491	1501/1491	1535/1523	1497/1488	1600/1575	1535/1523	1600/1575	29
30	Turning circle diameter	m	10.6	10.6	10.6	10.9	11.2	11.2	12.15	10.75	12.15	12.2	10.75	12.5	30
31	Ground clearance	mm	155	125	155	160	160	160	160	124	160	150	124	150	31
32	Wheel suspension, front		Ea-DQl-Db-Sf	Ea-DQl-Db-Sf	Ea-DQl-Db-Sf	Ea-DQl-Db-Sf	Ea-DQl-Db-Sl	Ea-DQl-Db-Sf	Ea-DQl-Db-Sf	Ea-DQl-Db-Sf	Ea-DQl-Db-Sf	Ea-DQu-Sf	Ea-DQl-Sf	Ea-DQu-Sf	32
33	Wheel suspension, rear		Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	Ea-Ra-Sf	33
34	Tires		185/65 R 15 87 H	205/55 ZR 15	185/65 R 15 87 H	195/65 R 15 91 H	195/65 R 15 91 T	195/65 VR 15	195/65 VR 15	225/55 ZR 16	195/65 R 15 91 H	235/60 ZR 16	255/55 ZR 16	235/60 ZR 16	34
35	Braking system		Sb-Sb-Sv-Br	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	Sb-Sb-Sv-ABS	35