

## ISO/WG16 - Database L3 Vehicles- 31.5.2005

No	Class	Sub class	Engine	T/m	No Gear	Power		Mass	GVW	Payload	PMR	l veh m	F/M/R	l ref m
						kW	S	kg	kg	kg	kW/t			
1	L3	N/A	Petrol	manual	5	2.7	7500	80	N/A	N/A	18.0	2.00	N/A	2.00
2	L3	N/A	Petrol	manual	4	3.0	7500	89	N/A	N/A	18.3	2.00	N/A	2.00
3	L3	N/A	Petrol	CVT	Continuous	3.7	6500	100	N/A	N/A	21.0	2.00	N/A	2.00
4	L3	N/A	Petrol	manual	3	3.5	6500	76	N/A	N/A	23.2	2.00	N/A	2.00
5	L3	N/A	Petrol	CVT	Continuous	3.8	8000	79	N/A	N/A	24.7	2.00	N/A	2.00
6	L3	N/A	Petrol	manual	4	5.6	7800	110	N/A	N/A	30.3	2.00	N/A	2.00
7	L3	N/A	Petrol	CVT	Continuous	4.8	7000	76	N/A	N/A	31.8	2.00	N/A	2.00
8	L3	N/A	Petrol	manual	5	8.5	9500	148	N/A	N/A	38.1	2.00	N/A	2.00
9	L3	N/A	Petrol	CVT	Continuous	8.7	8500	149	N/A	N/A	38.8	2.00	N/A	2.00
10	L3	N/A	Petrol	CVT	Continuous	10.1	9000	149	N/A	N/A	45.1	2.00	N/A	2.00
11	L3	N/A	Petrol	CVT	Continuous	10.5	8000	149	N/A	N/A	46.9	2.00	N/A	2.00
12	L3	N/A	Petrol	manual	5	9.2	8250	116	N/A	N/A	46.9	2.00	N/A	2.00
13	L3	N/A	Petrol	manual	5	14.0	7500	144	N/A	N/A	63.9	2.00	N/A	2.00
14	L3	N/A	Petrol	manual	5	24.0	8500	253	N/A	N/A	73.2	2.00	N/A	2.00
15	L3	N/A	Petrol	CVT	Continuous	23.5	8000	195	N/A	N/A	87.0	2.00	N/A	2.00
16	L3	N/A	Petrol	CVT	Continuous	29.4	7000	217	N/A	N/A	100.7	2.00	N/A	2.00
17	L3	N/A	Petrol	manual	6	26.0	12000	170	N/A	N/A	106.1	2.00	N/A	2.00
18	L3	N/A	Petrol	manual	5	29.0	14000	168	N/A	N/A	119.3	2.00	N/A	2.00
19	L3	N/A	Petrol	manual	5	39.0	6500	222	N/A	N/A	131.3	2.00	N/A	2.00
20	L3	N/A	Petrol	manual	6	49.0	8800	213	N/A	N/A	170.1	2.00	N/A	2.00
21	L3	N/A	Petrol	manual	6	57.0	10500	230	N/A	N/A	186.9	2.00	N/A	2.00
22	L3	N/A	Petrol	manual	6	58.7	10500	228	N/A	N/A	193.7	2.00	N/A	2.00
23	L3	N/A	Petrol	manual	6	53.0	9000	187	N/A	N/A	202.3	2.00	N/A	2.00
24	L3	N/A	Petrol	manual	6	72.0	12000	221	N/A	N/A	243.2	2.00	N/A	2.00
25	L3	N/A	Petrol	manual	5	90.0	8500	246	N/A	N/A	280.4	2.00	N/A	2.00
26	L3	N/A	Petrol	manual	6	105.2	10000	231	N/A	N/A	343.8	2.00	N/A	2.00

Size front	Size rear	a wot ref	a urb	gears		a i	a i+1	Gear	k	Gear mix	N/S	kp	Lwot_i	Lwot_i+1
		m/s <sup>2</sup>	m/s <sup>2</sup>	i	i+1	m/s <sup>2</sup>	m/s <sup>2</sup>						dB(A)	dB(A)
120/80-12	120/80-12	-	-	4	-	0.68		i	0.00	4.0	0.95	0.00	71.5	-
2.25-17	2.50-17	-	-	4	-	0.74		i	0.00	4.0	0.85	0.00	69.2	-
90/90-12	110/90-10	-	-	D	-	0.85		-	0.00	-	1.00	0.00	71.4	-
2.25-17	2.25-17	-	-	3	-	0.58		i	0.00	3.0	0.97	0.00	74.4	-
90/90-10	90/90-10	-	-	D	-	0.67		-	0.00	-	0.89	0.00	71.3	-
2.50-17	2.75-17	1.14	0.99	3	-	1.04		i	0.00	3.0	0.64	0.14	73.7	-
90/90-10	90/90-10	1.19	1.00	D	-	1.09		-	0.00	-	0.92	0.16	71.1	-
90/90-17	130/90-15	1.38	1.06	2	-	1.53	1.03	both	0.00	2.0	0.67	0.23	77.5	72.0
110/90-12	130/70-12	1.40	1.07	D	-	1.69		-	0.00	-	0.84	0.24	78.1	-
110/90-13	130/70-12	1.57	1.12	D	-	1.44		-	0.00	-	0.72	0.28	74.1	-
110/90-12	130/70-12	1.61	1.14	D	-	2.13		-	0.00	-	0.87	0.29	78.6	-
2.75-18	90/90-18	1.61	1.14	3	-	1.56		i	0.00	3.0	0.73	0.29	71.9	-
90/90-19	110/90-18	1.76	1.22	3	4	1.95	1.35	both	0.69	3.3	0.64	0.31	76.1	72.4
130/90-16	140/90-16	1.88	1.28	3	-	1.98		i	0.00	3.0	0.49	0.32	76.8	-
110/90-13	130/70-13	2.03	1.36	D	-	1.83		-	0.00	-	0.55	0.33	77.0	-
120/70-14	150/70-14	2.16	1.42	D	-	3.24		D	0.00	-	0.71	0.34	78.9	-
100/80-16	130/80-16	2.20	1.45	2	3	2.80	1.89	both	0.35	2.7	0.60	0.34	79.2	75.4
130/70 ZR16	180/55 ZR17	2.30	1.50	4	-	2.16		i	0.00	4.0	0.45	0.35	75.4	-
130/90-16	150/90-15	2.39	1.54	4	-	2.18		i	0.00	4.0	0.42	0.35	78.3	-
110/80 R19	150/70 R17	2.61	1.66	4	-	2.65		i	0.00	4.0	0.43	0.36	78.9	-
120/60 ZR17	160/60 ZR17	2.69	1.70	3	4	3.07	2.28	both	0.52	3.5	0.40	0.37	77.4	76.0
120/70 ZR17	150/70 ZR17	2.72	1.72	3	4	3.06	2.04	both	0.67	3.3	0.41	0.37	75.4	73.7
120/60 ZR17	160/60 ZR17	2.76	1.74	4	-	2.57		i	0.00	4.0	0.40	0.37	77.2	-
120/60 ZR17	160/60 ZR17	2.92	1.82	3	4	3.60	2.45	both	0.41	-	0.35	0.38	76.4	76.6
120/70 ZR17	180/55 ZR17	3.04	1.88	5	-	2.84		i	0.00	5.0	0.25	0.38	75.4	-
120/70 ZR17	180/55 ZR17	3.22	1.97	4	-	3.46		i	0.00	4.0	0.29	0.39	74.8	-

Lcrs_i	Lcrs_i+1	Lwot	Lcrs	L urb	L typ	Ltr50	%pt	%tr
dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)		
-	-	71.5	-	71.5	-	N/A	N/A	N/A
65.2	-	69.2	65.2	69.2	-	N/A	N/A	N/A
-	-	71.4	-	71.4	-	N/A	N/A	N/A
-	-	74.4	-	74.4	-	N/A	N/A	N/A
67.5	-	71.3	67.5	71.3	-	N/A	N/A	N/A
67.2	-	73.7	67.2	72.8	-	N/A	N/A	N/A
-	-	71.1	-	71.1	-	N/A	N/A	N/A
74.2	67.0	72.0	67.0	70.8	-	N/A	N/A	N/A
68.9	-	78.1	68.9	75.9	-	N/A	N/A	N/A
70.3	-	74.1	70.3	73.0	-	N/A	N/A	N/A
68.2	-	78.6	68.2	75.5	-	N/A	N/A	N/A
65.2	-	71.9	65.2	69.9	-	N/A	N/A	N/A
69.1	68.1	75.0	68.8	73.1	-	N/A	N/A	N/A
70.5	-	76.8	70.5	74.6	-	N/A	N/A	N/A
69.1	-	77.0	69.1	74.3	-	N/A	N/A	N/A
69.0	-	78.9	69.0	73.3	-	N/A	N/A	N/A
76.5	71.1	76.7	73.0	75.4	-	N/A	N/A	N/A
71.5	-	75.4	71.5	74.2	-	N/A	N/A	N/A
69.7	-	78.3	69.7	75.3	-	N/A	N/A	N/A
69.7	-	78.9	69.7	75.5	-	N/A	N/A	N/A
72.9	71.0	76.7	72.0	75.0	-	N/A	N/A	N/A
70.7	68.6	74.8	70.0	73.0	-	N/A	N/A	N/A
70.5	-	77.2	70.5	74.7	-	N/A	N/A	N/A
69.8	70.1	76.5	70.0	74.1	-	N/A	N/A	N/A
66.3	-	75.4	66.3	72.3	-	N/A	N/A	N/A
69.4	-	74.8	69.4	72.4	-	N/A	N/A	N/A

L old	L typ
dB(A)	dB(A)
72.5	71.4
70.0	68.6
73.9	71.5
70.8	69.8
72.3	69.8
75.2	73.9
72.7	70.4
74.1	72.7
78.2	76.8
75.5	74.3
78.2	76.4
76.8	75.3
78.4	77.1
78.8	76.7
78.9	76.8
79.5	77.8
78.4	77.1
81.1	79.8
78.7	77.3
80.8	79.5
80.2	79.0
79.1	77.5
80.2	79.2
79.8	78.5
80.8	79.1
79.3	78.0