

Sr. NO	kW @ rpm	Kerb Weight (kg)	PMR = 1000*kW/(kg+75)	Awotref (m/s2)	Aurban (m/s2)	Kp	Awot test (m/s2)		Gear Selection			Reported SPL, dB(A)			
							At Gear (i)	At Gear (i+1)	Existing R 41	Revised R 41		Existing R 41	Revised R 41		
										Gear (i)	Gear i+1		Lwot rep (Accn test)	Lcrs urban (const speed test)	Lurban
1	3.68 @6500	95	21.65	-	-	-	Automatic Transmission					73.8	72.5	*-	72.5
2	5.59 @ 7500	119	28.81	1.085	0.968	0.079	1.052	-	2	2	-	74.6	74.6	69.7	74.2
3	5.51 @8000	116	28.85	1.0866	0.968	0.115	1.094	-	2	2	_	74.6	76.5	72.2	76
4	5.5 @7500	108	30.05	1.13	0.982	0.199	1.227	-	2	2	-	73.2	74.2	68.3	73
5	6.26 @ 7500	117	32.6	1.22	1.01	0.172	1.97	1.09	3	2	3	74.2	71	65.4	72
6	6.5 @ 7000	124	32.66	1.22	1.011	0.15	1.19	-	3	3	-	72.1	73.1	64.6	71.8
7	6.03 @ 7500rpm	109	32.77	1.22	1.01	0.172	1.22		2	2		76.5	77.4	70.5	76.2
8	6.72 @7000	129	32.9	1.229	1.014	0.1889	1.247	_	2	2	_	71.4	72.2	67.6	71.3
9	6.77 @7000	117	35.26	1.302	1.038	0.163	1.24	-	2	2	-	73.8	75.1	66.2	73.6
19	8.5@ 9000 rpm	136	41.67	1.48	1.096	0.3	1.55		3	2		74.6	78.9	69.9	76.1
11	9.94 @8500	143	45.6	1.57	1.13	0.28	1.57	-	3	3	-	76.9	77	65.7	73.8
12	9.95 @8500	136	47.16	1.613	1.139	0.34	1.727	-	3	3	-	76.9	73.7	65.7	71
13	12.15 @8000	152	53.52	1.61	1.14	0	1.11	-	3	3	-	77.8	78.8	71.8	78.8
14	13.5 @5500	175	54	1.617	1.144	0.29	2.22	1.39	2 / 3	2	3	78.1	76.3	72.8	75.3
15	12.68 @7000	150	56.35	1.654	1.1635	0.253	1.558	_	2 / 3	4	_	75.1	72.5	66.2	70.9