

WOSPerformance Ltd



LMDBEN001 Output comparisons.

low cut-in' refers to a new way WOSP has managed to reduce the turn on speed of an alternator by up to 50%

Engine Idle Rpm	600
Engine Max Rpm	5000
Unit turn on speed	

RPM	RPM	Output	Output	Output	Output	Output
Engine	Dynamo	Smiths dynamo	LMDBEN001	LMDBEN001-LS	LMDBEN001-HO	LMDBEN001-HO-LS
120	60	0	-3.3	-3.3	0	-0.2
240	120	0	-3.3	-3.3	0	-0.2
360	180	0	-3.3	-3.3	0	-0.2
480	240	0	-3.3	-3.3	0	-0.3
600	300	1	-3.3	-3.2	0	-0.3
720	360	3	-3.1	-3.2	0	-0.3
840	420	5	-3.1	-3.2	0	-0.3
960	480	7	-3.1	-3.2	0	-0.3
1080	540	9	-3.1	-3.2	0	-0.2
1200	600	10	-3.1	-3	0	-0.2
1320	660	10	-3.1	-1.9	0	-0.2
1440	720	10	-3.1	-0.6	0	-0.2
1560	780	10	-3.1	0.7	0	4.3
1680	840	10	-3.1	2.1	0	15.1
1800	900	10	-2.8	3.4	0	22.5
1920	960	10	-2.8	4.6	0	28
2040	1020	10	-2.8	7.2	-5.2	32
2160	1080	10	-2.7	8.1	-1.5	45.3
2280	1140	10	-1.5	9	2.3	49
2400	1200	10	2.7	10	8	51
2520	1260	10	4.5	11	25.2	57.3
2640	1320	10	6.3	12	31.5	63
2760	1380	10	8	13	43.4	65
2880	1440	10	10.6	15	50.3	67.1
3000	1500	10	17.2	16	58.8	68.7
3120	1560	10	19.2	16.3	64.7	70.3
3240	1620	10	21.6	17	71.1	71.4
3360	1680	10	23.5	18	78.3	72.3
3480	1740	10	25.8	19	83.7	73.7
3600	1800	10	27.5	19.8	86.6	75.6
3720	1860	10	29	20	88.2	76.4
3840	1920	10	30.3	21	89	77.3
3960	1980	10	31.7	21	107	78
4080	2040	10	33	21.8	111.5	78.6
4200	2100	10	36.8	22	114.4	79.1
4320	2160	10	37.9	22.8	121.6	79.7
4400	2200	10	39	23.8	124.6	80.1
4560	2280	10	40.4	24.2	126.6	80.3
4680	2340	10	41.2	24.5	131.2	80.7
4800	2400	10	42	24.7	133.5	81
4920	2460	10	42.7	25	135.6	81.8
5040	2520	10	43.3	25.2	137.2	82.1