

Note: The frequencies are theoretical and may vary from the unit. Use this sheet to choose a different set point that is above or below an existing setting.

E277B	Freq	RPM @ Teeth			8 Pos DIP Switch 1 on 0 off								Setting	Freq	RPM @ Teeth			8 Pos DIP Switch 1 on 0 off								
Setting	Hz	126	159	110	1	2	3	4	5	6	7	8	Setting	Hz	126	159	110	1	2	3	4	5	6	7	8	
0	759.29	362	287	414	0	0	0	0	0	0	0	0	67	998.18	475	377	544	1	1	0	0	0	0	1	0	
1	761.97	363	288	416	1	0	0	0	0	0	0	0	68	1002.87	478	378	547	0	0	1	0	0	0	1	0	
2	764.69	364	289	417	0	1	0	0	0	0	0	0	69	1007.54	480	380	550	1	0	1	0	0	0	0	1	0
3	767.41	365	290	419	1	1	0	0	0	0	0	0	70	1012.32	482	382	552	0	1	1	0	0	0	0	1	0
4	770.18	367	291	420	0	0	1	0	0	0	0	0	71	1017.09	484	384	555	1	1	1	0	0	0	0	1	0
5	772.93	368	292	422	1	0	1	0	0	0	0	0	72	1022.24	487	386	558	0	0	0	1	0	0	0	1	0
6	775.74	369	293	423	0	1	1	0	0	0	0	0	73	1027.10	489	388	560	1	0	0	1	0	0	0	1	0
7	778.54	371	294	425	1	1	1	0	0	0	0	0	74	1032.06	491	389	563	0	1	0	1	0	0	0	1	0
8	781.55	372	295	426	0	0	0	1	0	0	0	0	75	1037.02	494	391	566	1	1	0	1	0	0	0	1	0
9	784.39	374	296	428	1	0	0	1	0	0	0	0	76	1042.08	496	393	568	0	0	1	1	0	0	0	1	0
10	787.28	375	297	429	0	1	0	1	0	0	0	0	77	1047.13	499	395	571	1	0	1	1	0	0	0	1	0
11	790.16	376	298	431	1	1	0	1	0	0	0	0	78	1052.29	501	397	574	0	1	1	1	0	0	0	1	0
12	793.10	378	299	433	0	0	1	1	0	0	0	0	79	1057.44	504	399	577	1	1	1	1	0	0	0	1	0
13	796.02	379	300	434	1	0	1	1	0	0	0	0	80	1063.01	506	401	580	0	0	0	0	1	0	0	1	0
14	799.00	380	302	436	0	1	1	1	0	0	0	0	81	1068.27	509	403	583	1	0	0	0	1	0	0	1	0
15	801.96	382	303	437	1	1	1	1	0	0	0	0	82	1073.64	511	405	586	0	1	0	0	1	0	0	1	0
16	805.16	383	304	439	0	0	0	0	1	0	0	0	83	1079.00	514	407	589	1	1	0	0	1	0	0	1	0
17	808.18	385	305	441	1	0	0	0	1	0	0	0	84	1084.48	516	409	592	0	0	1	0	1	0	0	1	0
18	811.25	386	306	442	0	1	0	0	1	0	0	0	85	1089.95	519	411	595	1	0	1	0	1	0	0	1	0
19	814.30	388	307	444	1	1	0	0	1	0	0	0	86	1095.54	522	413	598	0	1	1	0	1	0	0	1	0
20	817.42	389	308	446	0	0	1	0	1	0	0	0	87	1101.13	524	416	601	1	1	1	0	1	0	0	1	0
21	820.53	391	310	448	1	0	1	0	1	0	0	0	88	1107.17	527	418	604	0	0	0	1	1	0	0	1	0
22	823.69	392	311	449	0	1	1	0	1	0	0	0	89	1112.87	530	420	607	1	0	0	1	1	0	0	1	0
23	826.84	394	312	451	1	1	1	0	1	0	0	0	90	1118.70	533	422	610	0	1	0	1	1	0	0	1	0
24	830.25	395	313	453	0	0	0	1	1	0	0	0	91	1124.53	535	424	613	1	1	0	1	1	0	0	1	0
25	833.45	397	315	455	1	0	0	1	1	0	0	0	92	1130.48	538	427	617	0	0	1	1	1	0	0	1	0
26	836.71	398	316	456	0	1	0	1	1	0	0	0	93	1136.43	541	429	620	1	0	1	1	1	0	0	1	0
27	839.97	400	317	458	1	1	0	1	1	0	0	0	94	1142.51	544	431	623	0	1	1	1	1	0	0	1	0
28	843.29	402	318	460	0	0	1	1	1	0	0	0	95	1148.58	547	433	626	1	1	1	1	1	0	0	1	0
29	846.59	403	319	462	1	0	1	1	1	0	0	0	96	1155.52	550	436	630	0	0	0	0	0	1	0	1	0
30	849.96	405	321	464	0	1	1	1	1	0	0	0	97	1161.74	553	438	634	1	0	0	0	0	0	1	1	0
31	853.32	406	322	465	1	1	1	1	1	0	0	0	98	1168.09	556	441	637	0	1	0	0	0	0	1	1	0
32	857.14	408	323	468	0	0	0	0	0	1	0	0	99	1174.44	559	443	641	1	1	0	0	0	0	1	1	0
33	860.56	410	325	469	1	0	0	0	0	1	0	0	100	1180.94	562	446	644	0	0	1	0	0	0	1	1	0
34	864.04	411	326	471	0	1	0	0	0	1	0	0	101	1187.43	565	448	648	1	0	1	0	0	0	1	1	0
35	867.51	413	327	473	1	1	0	0	0	1	0	0	102	1194.07	569	451	651	0	1	1	0	0	0	1	1	0
36	871.05	415	329	475	0	0	1	0	0	1	0	0	103	1200.70	572	453	655	1	1	1	0	0	0	1	1	0
37	874.57	416	330	477	1	0	1	0	0	1	0	0	104	1207.89	575	456	659	0	0	0	1	0	0	1	1	0
38	878.17	418	331	479	0	1	1	0	0	1	0	0	105	1214.68	578	458	663	1	0	0	1	0	0	1	1	0
39	881.75	420	333	481	1	1	1	0	0	1	0	0	106	1221.63	582	461	666	0	1	0	1	0	0	1	1	0
40	885.62	422	334	483	0	0	0	1	0	1	0	0	107	1228.58	585	464	670	1	1	0	1	0	0	1	1	0
41	889.27	423	336	485	1	0	0	1	0	1	0	0	108	1235.69	588	466	674	0	0	1	1	0	0	1	1	0
42	892.99	425	337	487	0	1	0	1	0	1	0	0	109	1242.80	592	469	678	1	0	1	1	0	0	1	1	0
43	896.69	427	338	489	1	1	0	1	0	1	0	0	110	1250.07	595	472	682	0	1	1	1	0	0	1	1	0
44	900.48	429	340	491	0	0	1	1	0	1	0	0	111	1257.35	599	474	686	1	1	1	1	0	0	1	1	0
45	904.24	431	341	493	1	0	1	1	0	1	0	0	112	1265.23	602	477	690	0	0	0	0	0	1	1	1	0
46	908.09	432	343	495	0	1	1	1	0	1	0	0	113	1272.69	606	480	694	1	0	0	0	0	1	1	1	0
47	911.92	434	344	497	1	1	1	1	0	1	0	0	114	1280.32	610	483	698	0	1	0	0	0	1	1	1	0
48	916.06	436	346	500	0	0	0	0	1	1	0	0	115	1287.95	613	486	703	1	1	0	0	0	1	1	1	0
49	919.96	438	347	502	1	0	0	0	1	1	0	0	116	1295.77	617	489	707	0	0	1	0	0	1	1	1	0
50	923.95	440	349	504	0	1	0	0	1	1	0	0	117	1303.58	621	492	711	1	0	1	0	0	1	1	1	0
51	927.91	442	350	506	1	1	0	0	1	1	0	0	118	1311.59	625	495	715	0	1	1	0	0	1	1	1	0
52	931.96	444	352	508	0	0	1	0	1	1	0	0	119	1319.60	628	498	720	1	1	1	0	0	1	1	1	0
53	936.00	446	353	511	1	0	1	0	1	1	0	0	120	1328.29	633	501	725	0	0	0	1	1	1	1	1	0
54	940.12	448	355	513	0	1	1	0	1	1	0	0	121	1336.51	636	504	729	1	0	0	1	1	1	1	1	0
55	944.23	450	356	515	1	1	1	0	1	1	0	0	122	1344.93	640	508	734	0	1	0	1	1	1	1	1	0
56	948.67	452	358	517	0	0	0	1	1	1	0	0	123	1353.35	644	511	738	1	1	0	1	1	1	1	1	0
57	952.85	454	360	520	1	0	0	1	1	1	0	0	124	1361.98	649	514	743	0	0	1	1	1	1	1	1	0
58	957.13	456	361	522	0	1	0	1	1	1	0	0	125	1370.62	653	517	748	1	0	1	1	1	1	1	1	0
59	961.38	458	363	524	1	1	0	1	1	1	0	0	126	1379.48	657	521	752	0	1	1	1	1	1	1	1	0
60	965.73	460	364	527	0	0	1	1	1	1	0	0	127	1388.34	661	524	757	1	1	1	1	1	1	1	1	0
61	970.07	462	366	529	1	0	1	1	1	1	0	0	128	1404.96	669	530	766	0	0	0	0	0	0	0	0	1
62	974.50	464	368	532	0	1	1																			

E277B Setting	Freq Hz	RPM @ Teeth			8 Pos DIP Switch 1 on 0 off								Setting	Freq Hz	RPM @ Teeth			8 Pos DIP Switch 1 on 0 off							
		126	159	110	1	2	3	4	5	6	7	8			126	159	110	1	2	3	4	5	6	7	8
134	1462.35	696	552	798	0	1	1	0	0	0	0	1	201	2714.75	1293	1024	1481	1	0	0	1	0	0	1	1
135	1472.31	701	556	803	1	1	1	0	0	0	0	1	202	2749.71	1309	1038	1500	0	1	0	1	0	0	1	1
136	1483.14	706	560	809	0	0	0	1	0	0	0	1	203	2785.16	1326	1051	1519	1	1	0	1	0	0	1	1
137	1493.39	711	564	815	1	0	0	1	0	0	0	1	204	2821.96	1344	1065	1539	0	0	1	1	0	0	1	1
138	1503.91	716	568	820	0	1	0	1	0	0	0	1	205	2859.31	1362	1079	1560	1	0	1	1	0	0	1	1
139	1514.45	721	571	826	1	1	0	1	0	0	0	1	206	2898.12	1380	1094	1581	0	1	1	1	0	0	1	1
140	1525.27	726	576	832	0	0	1	1	0	0	0	1	207	2937.52	1399	1108	1602	1	1	1	1	0	0	1	1
141	1536.11	731	580	838	1	0	1	1	0	0	0	1	208	2980.93	1419	1125	1626	0	0	0	0	1	0	1	1
142	1547.24	737	584	844	0	1	1	1	0	0	0	1	209	3022.63	1439	1141	1649	1	0	0	0	1	0	1	1
143	1558.40	742	588	850	1	1	1	1	0	0	0	1	210	3066.03	1460	1157	1672	0	1	0	0	1	0	1	1
144	1570.54	748	593	857	0	0	0	0	1	0	0	1	211	3110.17	1481	1174	1696	1	1	0	0	1	0	1	1
145	1582.04	753	597	863	1	0	0	0	1	0	0	1	212	3156.14	1503	1191	1722	0	0	1	0	1	0	1	1
146	1593.85	759	601	869	0	1	0	0	1	0	0	1	213	3202.93	1525	1209	1747	1	0	1	0	1	0	1	1
147	1605.69	765	606	876	1	1	0	0	1	0	0	1	214	3251.71	1548	1227	1774	0	1	1	0	1	0	1	1
148	1617.86	770	611	882	0	0	1	0	1	0	0	1	215	3301.39	1572	1246	1801	1	1	1	0	1	0	1	1
149	1630.06	776	615	889	1	0	1	0	1	0	0	1	216	3356.32	1598	1267	1831	0	0	0	1	1	0	1	1
150	1642.60	782	620	896	0	1	1	0	1	0	0	1	217	3409.28	1623	1287	1860	1	0	0	1	1	0	1	1
151	1655.19	788	625	903	1	1	1	0	1	0	0	1	218	3464.60	1650	1307	1890	0	1	0	1	1	0	1	1
152	1668.88	795	630	910	0	0	0	1	1	0	0	1	219	3521.06	1677	1329	1921	1	1	0	1	1	0	1	1
153	1681.87	801	635	917	1	0	0	1	1	0	0	1	220	3580.10	1705	1351	1953	0	0	1	1	1	0	1	1
154	1695.22	807	640	925	0	1	0	1	1	0	0	1	221	3640.42	1734	1374	1986	1	0	1	1	1	0	1	1
155	1708.63	814	645	932	1	1	0	1	1	0	0	1	222	3703.56	1764	1398	2020	0	1	1	1	1	0	1	1
156	1722.41	820	650	939	0	0	1	1	1	0	0	1	223	3768.15	1794	1422	2055	1	1	1	1	1	0	1	1
157	1736.25	827	655	947	1	0	1	1	1	0	0	1	224	3843.92	1830	1451	2097	0	0	0	0	0	1	1	1
158	1750.49	834	661	955	0	1	1	1	1	0	0	1	225	3913.55	1864	1477	2135	1	0	0	0	0	1	1	1
159	1764.78	840	666	963	1	1	1	1	1	0	0	1	226	3986.61	1898	1504	2175	0	1	0	0	0	1	1	1
160	1781.23	848	672	972	0	0	0	0	0	1	0	1	227	4061.56	1934	1533	2215	1	1	0	0	0	1	1	1
161	1796.04	855	678	980	1	0	0	0	0	1	0	1	228	4140.31	1972	1562	2258	0	0	1	0	0	1	1	1
162	1811.27	863	683	988	0	1	0	0	0	1	0	1	229	4221.20	2010	1593	2302	1	0	1	0	0	1	1	1
163	1826.58	870	689	996	1	1	0	0	0	1	0	1	230	4306.33	2051	1625	2349	0	1	1	0	0	1	1	1
164	1842.34	877	695	1005	0	0	1	0	0	1	0	1	231	4393.91	2092	1658	2397	1	1	1	0	0	1	1	1
165	1858.19	885	701	1014	1	0	1	0	0	1	0	1	232	4491.75	2139	1695	2450	0	0	0	1	0	1	1	1
166	1874.50	893	707	1022	0	1	1	0	0	1	0	1	233	4587.11	2184	1731	2502	1	0	0	1	0	1	1	1
167	1890.91	900	714	1031	1	1	1	0	0	1	0	1	234	4687.82	2232	1769	2557	0	1	0	1	0	1	1	1
168	1908.80	909	720	1041	0	0	0	1	0	1	0	1	235	4791.78	2282	1808	2614	1	1	0	1	0	1	1	1
169	1925.81	917	727	1050	1	0	0	1	0	1	0	1	236	4901.79	2334	1850	2674	0	0	1	1	0	1	1	1
170	1943.34	925	733	1060	0	1	0	1	0	1	0	1	237	5015.58	2388	1893	2736	1	0	1	1	0	1	1	1
171	1960.98	934	740	1070	1	1	0	1	0	1	0	1	238	5136.22	2446	1938	2802	0	1	1	1	0	1	1	1
172	1979.15	942	747	1080	0	0	1	1	0	1	0	1	239	5261.30	2505	1985	2870	1	1	1	1	0	1	1	1
173	1997.45	951	754	1090	1	0	1	1	0	1	0	1	240	5402.19	2572	2039	2947	0	0	0	0	1	1	1	1
174	2016.31	960	761	1100	0	1	1	1	0	1	0	1	241	5540.73	2638	2091	3022	1	0	0	0	1	1	1	1
175	2035.31	969	768	1110	1	1	1	1	0	1	0	1	242	5688.33	2709	2147	3103	0	1	0	0	1	1	1	1
176	2056.05	979	776	1121	0	0	0	0	1	1	0	1	243	5842.14	2782	2205	3187	1	1	0	0	1	1	1	1
177	2075.80	988	783	1132	1	0	0	0	1	1	0	1	244	6006.48	2860	2267	3276	0	0	1	0	1	1	1	1
178	2096.18	998	791	1143	0	1	0	0	1	1	0	1	245	6178.24	2942	2331	3370	1	0	1	0	1	1	1	1
179	2116.72	1008	799	1155	1	1	0	0	1	1	0	1	246	6362.33	3030	2401	3470	0	1	1	0	1	1	1	1
180	2137.91	1018	807	1166	0	0	1	0	1	1	0	1	247	6555.37	3122	2474	3576	1	1	1	0	1	1	1	1
181	2159.28	1028	815	1178	1	0	1	0	1	1	0	1	248	6775.54	3226	2557	3696	0	0	0	1	1	1	1	1
182	2181.34	1039	823	1190	0	1	1	0	1	1	0	1	249	6994.90	3331	2640	3815	1	0	0	1	1	1	1	1
183	2203.58	1049	832	1202	1	1	1	0	1	1	0	1	250	7231.81	3444	2729	3945	0	1	0	1	1	1	1	1
184	2227.92	1061	841	1215	0	0	0	1	1	1	0	1	251	7482.25	3563	2823	4081	1	1	0	1	1	1	1	1
185	2251.13	1072	849	1228	1	0	0	1	1	1	0	1	252	7753.96	3692	2926	4229	0	0	1	1	1	1	1	1
186	2275.12	1083	859	1241	0	1	0	1	1	1	0	1	253	8042.60	3830	3035	4387	1	0	1	1	1	1	1	1
187	2299.33	1095	868	1254	1	1	0	1	1	1	0	1	254	8357.38	3980	3154	4559	0	1	1	1	1	1	1	1
188	2324.36	1107	877	1268	0	0	1	1	1	1	0	1	255	8693.67	4140	3281	4742	1	1	1	1	1	1	1	1
189	2349.64	1119	887	1282	1	0	1	1	1	1	0	1													
190	2375.78	1131	897	1296	0	1	1	1	1	1	0	1													
191	2402.20	1144	906	1310	1	1	1	1	1	1	0	1													
192	2436.01	1160	919	1329	0	0	0	0	0	0	1	1													
193	2463.79	1173	930	1344	1	0	0	0	0	0	1	1													
194	2492.55	1187	941	1360	0	1	0	0	0	0	1	1													
195	2521.64	1201	952	1375	1	1	0	0	0	0	1	1													
196	2551.78	1215	963	1392	0	0	1	0	0	0	1	1													
197	2582.28	1230	974	1409	1	0	1	0	0	0	1	1													
198	2613.89	1245	986	1426	0	1	1	0	0	0	1	1</													