

POWERTECH 250L IP23 rev.2.2 4/2005

250L.1 6p													
Tmax/Tn=2.1		J=1.8Kgm ²		S1					S6/40%				
std bearing max.speed: 4000rpm													
VOLT	HZ	RPM	slip	I_arm	KW	Nm	cos φ	const. power max RPM	I_arm	KW	Nm	const. power max RPM	Rend S1
380	48,9	960	18	275	140,0	1393	0,860	1450	385,0	196,0	1950	1100	0,900
332	48,9	960	18	315	140,0	1393	0,860	1450	441,0	196,0	1950	1100	0,900
380	66,5	1320	10	370	190,0	1375	0,850	2000	518,0	266,0	1925	1500	0,919
348	66,5	1320	10	405	190,0	1375	0,850	2000	567,0	266,0	1925	1500	0,917
380	80,3	1590	16	445	230,0	1382	0,850	2400	623,0	322,0	1934	1800	0,925
342	80,3	1590	16	495	230,0	1382	0,850	2400	693,0	322,0	1934	1800	0,924
380	101	2010	10	536	280,0	1331	0,850	3050	750,4	392,0	1863	2300	0,935
333	101	2010	10	618	280,0	1331	0,843	2850	865,2	392,0	1863	2250	0,933
380	118	2350	10	622	320,0	1301	0,835	3300	870,8	448,0	1821	2600	0,937
348	118	2350	10	680	320,0	1301	0,835	3300	952,0	448,0	1821	2600	0,936
380	130,5	2600	10	670	345,0	1267	0,830	3650	938,0	483,0	1774	2900	0,944
345	130,5	2600	10	738	345,0	1267	0,830	3650	1033,2	483,0	1774	2900	0,944
380	145	2890	10	725	375,0	1239	0,830	4050	1015,0	525,0	1735	3200	0,948
342	145	2890	10	805	375,0	1239	0,830	4050	1127,0	525,0	1735	3200	0,949

250L.2 6p													
Tmax/Tn=2.2		J=2.3Kgm ²		S1					S6/40%				
std bearing max.speed: 4000rpm													
VOLT	HZ	RPM	slip	I_arm	KW	Nm	cos φ	const. power max RPM	I_arm	KW	Nm	const. power max RPM	Rend S1
380	47,3	930	16	330	165,0	1695	0,840	1500	462,0	231,0	2373	1150	0,905
351	47,3	930	16	358	165,0	1695	0,840	1500	501,2	231,0	2372	1150	0,904
380	63,1	1250	12	430	220,0	1681	0,845	2000	602,0	308,0	2353	1500	0,921
342	63,1	1250	12	478	220,0	1681	0,845	2000	669,2	308,0	2353	1500	0,921
380	80,4	1590	18	545	280,0	1682	0,845	2550	763,0	392,0	2355	1950	0,925
333	80,4	1590	18	620	280,0	1682	0,845	2550	868,0	392,0	2355	1950	0,928
380	93,2	1850	14	611	315,0	1626	0,840	3000	855,4	441,0	2277	2250	0,934
317	93,2	1850	14	732	315,0	1626	0,840	3000	1024,8	441,0	2277	2250	0,934
380	112,3	2230	16	715	370,0	1585	0,840	3350	1001,0	518,0	2219	2600	0,937
342	112,3	2230	16	795	370,0	1585	0,840	3350	1113,0	518,0	2219	2600	0,936
380	127	2530	10	791	410,0	1548	0,835	3800	1107,4	574,0	2167	2950	0,944
337	127	2530	10	892	410,0	1548	0,835	3800	1248,8	574,0	2167	2950	0,944
380	144,4	2870	18	870	450,0	1498	0,830	4350	1218,0	630,0	2097	3350	0,948
333	144,4	2870	18	993	450,0	1498	0,830	4350	1390,2	630,0	2097	3350	0,948

250L.3 6p

Tmax/Tn=2.3		J=2.9Kgm ²		S1					S6/40%						
std bearing max.speed: 4000rpm															
VOLT	HZ	RPM	slip	I_arm	KW	Nm	cos φ	const. power max RPM	I_arm	KW	Nm	const. power max RPM	Rend S1		
380	40,4	790	18	360	180,0	2176	0,845	1300	504,0	252,0	3047	950	0,900		
317	40,4	790	18	430	180,0	2176	0,845	1300	602,0	252,0	3047	950	0,903		
380	61,7	1220	14	526	270,0	2114	0,845	2000	736,4	378,0	2959	1500	0,924		
333	61,7	1220	14	600	270,0	2114	0,845	2000	840,0	378,0	2959	1500	0,924		
380	73,8	1460	16	620	320,0	2093	0,845	2350	868,0	448,0	2931	1800	0,929		
349	73,8	1460	16	675	320,0	2093	0,845	2350	945,0	448,0	2931	1800	0,929		
380	80,5	1600	10	680	350,0	2089	0,840	2600	952,0	490,0	2925	1950	0,932		
346	80,5	1600	10	746	350,0	2089	0,840	2600	1044,4	490,0	2925	1950	0,933		
380	89	1770	10	735	380,0	2051	0,840	2850	1029,0	532,0	2871	2150	0,936		
342	89	1770	10	815	380,0	2051	0,840	2850	1141,0	532,0	2871	2150	0,938		
380	112,1	2230	12	900	460,0	1970	0,830	3500	1260,0	644,0	2758	2600	0,937		
332	112,1	2230	12	1030	460,0	1970	0,830	3500	1442,0	644,0	2758	2600	0,937		
380	130,6	2600	12	1020	525,0	1929	0,830	3900	1428,0	735,0	2700	3000	0,943		
326	130,6	2600	12	1190	525,0	1929	0,830	3900	1666,0	735,0	2700	3000	0,942		

250L.4 6p

Tmax/Tn=2.4		J=3.7Kgm ²		S1					S6/40%						
std bearing max.speed: 4000rpm															
VOLT	HZ	RPM	slip	I_arm	KW	Nm	cos φ	const. power max RPM	I_arm	KW	Nm	const. power max RPM	Rend S1		
380	38,6	760	12	415	210,0	2639	0,850	1300	581,0	294,0	3695	950	0,906		
342	38,6	760	12	460	210,0	2639	0,850	1300	644,0	294,0	3695	950	0,908		
380	56,9	1120	18	600	308,0	2627	0,850	1850	840,0	431,2	3677	1400	0,919		
348	56,9	1120	18	655	308,0	2627	0,850	1850	917,0	431,2	3677	1400	0,919		
380	69,3	1370	16	730	375,0	2614	0,850	2300	1022,0	525,0	3660	1700	0,919		
342	69,3	1370	16	800	375,0	2614	0,850	2300	1120,0	525,0	3660	1700	0,932		
380	77,2	1530	14	800	415,0	2591	0,845	2550	1120,0	581,0	3627	1900	0,934		
337	77,2	1530	14	900	415,0	2591	0,845	2550	1260,0	581,0	3627	1900	0,936		
380	87	1730	10	885	460,0	2540	0,840	2900	1239,0	644,0	3555	2150	0,941		
333	87	1730	10	1010	460,0	2540	0,840	2900	1414,0	644,0	3555	2150	0,941		
380	100	1990	10	970	500,0	2400	0,830	3200	1358,0	700,0	3360	2400	0,945		
325	100	1990	10	1140	500,0	2400	0,830	3200	1596,0	700,0	3360	2400	0,940		
380	119	2370	10	1110	570,0	2297	0,830	3700	1554,0	798,0	3216	2850	0,941		

250L.5 6p

Tmax/Tn=2.4		J=4.6Kgm ²		S1					S6/40%						
std bearing max.speed: 4000rpm															
VOLT	HZ	RPM	slip	I_arm	KW	Nm	cos ϕ	const. power max RPM	I_arm	KW	Nm	const. power max RPM	Rend S1		
380	25,4	500	8	355	180,0	3438	0,855	850	497,0	252,0	4814	650	0,902		
348	25,4	500	8	387	180,0	3438	0,855	850	541,8	252,0	4814	650	0,904		
380	33,9	670	8	465	240,0	3421	0,855	1150	651,0	336,0	4790	850	0,918		
338	33,9	670	8	520	240,0	3421	0,855	1150	728,0	336,0	4790	850	0,923		
380	44,7	880	14	595	310,0	3365	0,855	1500	833,0	434,0	4710	1100	0,927		
348	44,7	880	14	650	310,0	3365	0,855	1500	910,0	434,0	4710	1100	0,927		
380	60,7	1200	14	785	410,0	3263	0,850	2000	1099,0	574,0	4569	1500	0,935		
338	60,7	1200	14	885	410,0	3263	0,850	2000	1239,0	574,0	4569	1500	0,932		
380	69,5	1380	10	880	460,0	3184	0,845	2300	1232,0	644,0	4457	1750	0,941		
332	69,5	1380	10	1010	460,0	3184	0,845	2300	1414,0	644,0	4457	1750	0,938		
380	79,5	1580	10	1000	520,0	3143	0,840	2650	1400,0	728,0	4401	2000	0,942		
326	79,5	1580	10	1165	520,0	3143	0,840	2650	1631,0	728,0	4401	2000	0,942		
380	93,5	1860	10	1145	600,0	3081	0,840	3000	1603,0	840,0	4313	2350	0,949		