

## POWERTECH 200L IP23 rev.5.3 4/2005

<b>200L.1 6p</b>													
Tmax/Tn=2.2		J=0.55Kgm <sup>2</sup>		<b>S1</b>					<b>S6/40%</b>				
std bearing max.speed: 5200rpm													
VOLT	HZ	RPM	slip	I_arm	KW	Nm	cos $\phi$	const. power max RPM	I_arm	KW	Nm	const. power max RPM	Rend S1
380	44,5	870	20	131,0	66,0	725	0,860	1350	183,4	92,4	1014	1050	0,891
316	44,5	870	20	158,0	66,0	725	0,860	1350	221,2	92,4	1014	1050	0,888
380	59,5	1170	20	172,0	88,0	718	0,850	1850	240,8	123,2	1006	1400	0,916
343	59,5	1170	20	190,0	88,0	718	0,850	1850	266,0	123,2	1006	1400	0,918
380	68	1340	20	190,0	98,0	699	0,850	2100	266,0	137,2	978	1600	0,923
380	83,8	1655	21	227,0	118,0	681	0,850	2600	317,8	165,2	953	1950	0,930
342	83,8	1655	21	252,0	118,0	681	0,850	2600	352,8	165,2	953	1950	0,931
380	95,5	1890	20	248,0	130,0	657	0,843	2950	347,2	182,0	920	2200	0,946
380	116,5	2310	20	290,0	150,0	620	0,835	3600	406,0	210,0	868	2700	0,942
350	116,5	2310	20	315,0	150,0	620	0,835	3600	441,0	210,0	868	2700	0,942
380	129	2560	20	309,0	160,0	597	0,833	4000	432,6	224,0	836	3000	0,946
380	141	2800	20	323,0	170,0	580	0,845	4350	452,2	238,0	812	3250	0,947
345	141	2800	20	357,0	170,0	580	0,845	4350	499,8	238,0	812	3250	0,944
380	156	3100	20	345,0	180,0	555	0,842	4850	483,0	252,0	776	3600	0,943

<b>200L.2 6p</b>													
Tmax/Tn=2.2		J=0.63Kgm <sup>2</sup>		<b>S1</b>					<b>S6/40%</b>				
std bearing max.speed: 5200rpm													
VOLT	HZ	RPM	slip	I_arm	KW	Nm	cos $\phi$	const. power max RPM	I_arm	KW	Nm	const. power max RPM	Rend S1
380	45,5	880	30	155,0	77,0	836	0,840	1450	217,0	107,8	1170	1100	0,900
330	45,5	880	30	180,0	77,0	836	0,840	1450	252,0	107,8	1170	1100	0,892
380	62,5	1230	20	206,0	105,0	815	0,845	2000	288,4	147,0	1141	1500	0,918
345	62,5	1230	20	227,0	105,0	815	0,845	2000	317,8	147,0	1141	1500	0,917
380	70	1380	20	225,0	115,0	796	0,847	2250	315,0	161,0	1114	1700	0,918
380	82	1620	20	254,0	132,0	778	0,845	2600	355,6	184,8	1090	1950	0,936
350	82	1620	20	275,0	132,0	778	0,845	2600	385,0	184,8	1090	1950	0,938
380	90,8	1800	16	273,0	143,0	759	0,845	2900	382,2	200,2	1062	2200	0,943
380	118	2340	20	335,0	175,0	714	0,840	3750	469,0	245,0	1000	2850	0,946
345	118	2340	20	368,0	175,0	714	0,840	3750	515,2	245,0	1000	2850	0,949
380	131	2600	20	360,0	186,0	683	0,840	4200	504,0	260,4	957	3150	0,936
380	146	2900	20	385,0	200,0	659	0,835	4650	539,0	280,0	922	3500	0,946
338	146	2900	20	433,0	200,0	659	0,835	4650	606,2	280,0	922	3500	0,946
380	166	3300	20	415,0	215,0	622	0,830	5300	581,0	301,0	871	4000	0,949

<b>200L.3 6p</b>													
Tmax/Tn=2.2		J=0.75Kgm <sup>2</sup>		<b>S1</b>					<b>S6/40%</b>				
std bearing max.speed: 5200rpm													
VOLT	HZ	RPM	slip	I_arm	KW	Nm	cos $\phi$	const. power max RPM	I_arm	KW	Nm	const. power max RPM	Rend S1
380	38,2	745	19	153,0	75,0	962	0,845	1200	214,2	105,0	1346	900	0,882
330	38,2	745	19	176,0	75,0	962	0,845	1200	246,4	105,0	1346	900	0,883
380	57,3	1120	26	225,0	112,0	955	0,830	1800	315,0	156,8	1337	1350	0,912
342	57,3	1120	26	250,0	112,0	955	0,830	1800	350,0	156,8	1337	1350	0,912
380	65	1280	20	250,0	125,0	933	0,830	2050	350,0	175,0	1306	1550	0,916
380	76,2	1500	24	284,0	145,0	923	0,835	2400	397,6	203,0	1293	1800	0,930
330	76,2	1500	24	326,0	145,0	923	0,835	2400	456,4	203,0	1293	1800	0,933
380	87,4	1725	23	314,0	160,0	886	0,834	2800	439,6	224,0	1240	2100	0,929
380	108	2140	20	365,0	190,0	848	0,840	3450	511,0	266,0	1187	2600	0,943
342	108	2140	20	406,0	190,0	848	0,840	3450	568,4	266,0	1187	2600	0,942
380	121,5	2410	20	396,0	205,0	812	0,835	3900	554,4	287,0	1137	2900	0,943
380	138	2740	20	434,0	225,0	784	0,835	4400	607,6	315,0	1098	3300	0,944
333	138	2740	20	495,0	225,0	784	0,835	4400	693,0	315,0	1098	3300	0,945
380	161	3200	20	475,0	245,0	731	0,830	5150	665,0	343,0	1024	3850	0,945

<b>200L.4 6p</b>													
Tmax/Tn=2.3		J=0.90Kgm <sup>2</sup>		<b>S1</b>					<b>S6/40%</b>				
std bearing max.speed: 4500rpm													
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	39,4	760	28	187,0	91,0	1144	0,837	1300	261,8	127,4	1601	950	0,884
348	39,4	760	28	204,0	91,0	1144	0,837	1300	285,6	127,4	1601	950	0,885
380	60,5	1180	30	282,0	141,0	1141	0,825	1950	394,8	197,4	1598	1500	0,922
330	60,5	1180	30	324,0	141,0	1141	0,825	1950	453,6	197,4	1598	1500	0,924
380	70	1370	30	316,0	158,0	1102	0,825	2300	442,4	221,2	1542	1700	0,922
380	77	1520	20	347,0	176,0	1106	0,829	2550	485,8	246,4	1548	1900	0,931
345	77	1520	20	382,0	176,0	1106	0,829	2550	534,8	246,4	1548	1900	0,931
380	87,5	1730	20	382,0	195,0	1077	0,835	2900	534,8	273,0	1507	2150	0,930
342	87,5	1730	20	425,0	195,0	1077	0,835	2900	595,0	273,0	1507	2150	0,929
380	99	1960	20	400,0	205,0	999	0,826	3250	560,0	287,0	1399	2450	0,944
380	113,5	2250	20	437,0	223,0	947	0,828	3750	611,8	312,2	1325	2800	0,937
332	113,5	2250	20	500,0	223,0	947	0,828	3750	700,0	312,2	1325	2800	0,938
380	131,5	2610	20	492,0	250,0	915	0,820	4350	688,8	350,0	1281	3250	0,943

<b>200L.5 6p</b>													
Tmax/Tn=2.4		J=1.14Kgm <sup>2</sup>		<b>S1</b>					<b>S6/40%</b>				
std bearing max.speed: 4500rpm													
VOLT	HZ	RPM	slip	I_arm	KW	Nm	cos $\phi$	const. power max RPM	I_arm	KW	Nm	const. power max RPM	Rend S1
380	38,5	740	30	212,0	103,0	1329	0,837	1300	296,8	144,2	1861	950	0,883
342	38,5	740	30	235,0	103,0	1329	0,837	1300	329,0	144,2	1861	950	0,885
380	48,5	950	20	262,0	130,0	1307	0,825	1650	366,8	182,0	1830	1200	0,915
330	48,5	950	20	300,0	130,0	1307	0,825	1650	420,0	182,0	1830	1200	0,920
380	56,5	1100	30	300,0	150,0	1302	0,825	1900	420,0	210,0	1823	1400	0,922
380	68,5	1350	20	360,0	180,0	1273	0,829	2300	504,0	252,0	1783	1700	0,917
342	68,5	1350	20	400,0	180,0	1273	0,829	2300	560,0	252,0	1783	1700	0,917
380	86	1700	20	444,0	225,0	1264	0,835	2900	621,6	315,0	1770	2150	0,923
330	86	1700	20	512,0	225,0	1264	0,835	2900	716,8	315,0	1770	2150	0,922
380	103	2040	20	487,0	245,0	1147	0,826	3500	681,8	343,0	1606	2550	0,926