

FULL LOAD AMPERE RATINGS

GENERATOR RATING

3 PHASE AMPERES - 80% POWER FACTOR

KVA	KW	208V	240V	480V	600V	2400V	4160V	13800V
50	40	139	120	60	48	12.1	7	2
62.5	50	173	152	76	61	15.1	8.7	3
75	60	208	181	91	72	18.1	10.5	3
93.8	75	261	226	113	90	22.6	13	4
100	80	278	240	120	96	24.1	13.9	4
125	100	347	301	150	120	30	17.5	5
156	125	433	375	188	150	38	22	7
187	150	520	450	225	180	45	26	8
219	175	608	527	264	211	53	31	9
250	200	694	601	301	241	60	35	10
312	250	866	751	376	300	75	43	13
375	300	1040	903	451	361	90	52	16
438	350	1220	1053	527	422	105	61	18
500	400	1390	1203	602	481	120	69	21
625	500	1735	1504	752	602	150	87	26
750	600	2080	1803	902	721	180	104	31
875	700	2430	2104	1052	842	210	121	37
1000	800	2780	2405	1203	962	241	139	42
1125	900	3120	2709	1354	1082	271	156	47
1250	1000	3470	3009	1504	1202	301	174	52
1563	1250	4350	3765	1885	1503	376	218	65
1875	1500	5205	4520	2260	1805	452	261	78
2188	1750		5280	2640	2106	528	304	92
2500	2000		6020	3015	2405	602	348	105
2812	2250		6780	3400	2710	678	392	118
3125	2500		7520	3765	3005	752	435	131
3750	3000		9040	4525	3610	904	522	157
4375	3500		10550	5285	4220	1055	610	183
5000	4000		12040	6035	4810	1204	695	209

SINGLE PHASE AMPERES - 80% POWER FACTOR

KVA	KW	115V	120V	230V	240V
6.3	5	54.4	52.4	27.2	26.2
9.4	7.5	81.6	78.4	40.8	39.2
12.5	10	108.8	104.8	54.4	52.4
18.7	15	163	157	81.6	78.4
25	20	218	210	108.8	104.8
31.3	25	272	262	136	131
37.5	30	326	314	163	157
50	40	435	419	218	210
62.5	50	544	524	272	262
75	60	652	628	326	314
93.8	75	816	784	408	392
100	80	870	838	435	420
125	100	1088	1048	544	524

LAKE SHORE ELECTRIC CORPORATION

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FULL LOAD AMPERE RATINGS

MOTOR RATING

THREE-PHASE AC MOTORS - 80% POWER FACTOR
 FULL LOAD CURRENT IN AMPERES
 INDUCTION-TYPE SQUIRREL CAGE AND WOUND ROTOR

HP	110-120V	220-240V	440-480V	550-600V	2300V
1/2	4.4	2.2	1.1	0.9	
3/4	6.4	3.2	1.6	1.3	
1	8.4	4.2	2.1	1.7	
1 1/2	12	6.0	3.0	2.4	
2	13.6	6.8	3.4	2.7	
3		9.6	4.8	3.9	
5		15.2	7.6	6.1	
7 1/2		22	11	9	
10		28	14	11	
15		42	21	17	
20		54	27	22	
25		68	34	27	
30		80	40	32	
40		104	52	41	
50		130	65	52	
60		154	77	62	16
75		192	96	77	20
100		248	124	99	26
125		312	156	125	31
150		360	180	144	37
200		480	240	192	49
250			302	242	60
300			361	289	72
350			414	336	83
400			477	382	95
450			515	412	103
500			590	472	118

AMPERES - DC

KW	115V	120V	125V	230V	240V	250V
1	8.7	8.4	8	4.4	4.2	4
3	26	25	24	13	12.5	12
5	43.4	41.6	40	21.7	20.8	20
10	87	84	80	43.5	42	40
20	174	168	160	87	84	80
25	217	210	200	108.5	105	100
30	260	250	240	130	125	120
40	348	336	320	174	168	160
50	434	420	400	217	210	200
60	520	500	480	260	250	240
75	651	630	600	325.5	315	300
100	870	840	800	435	420	400

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