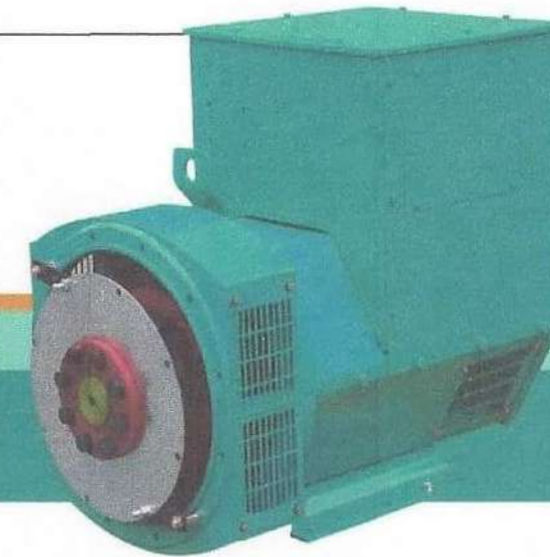


Central Georgia Generator

CGG 274

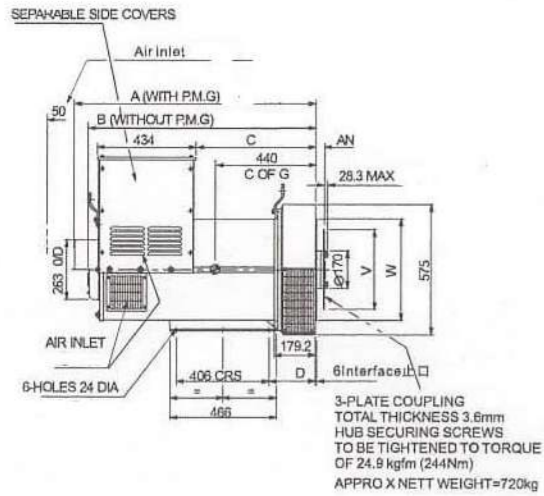
SERIES THREE-PHASE BRUSHLESS SYNCHRONOUS ALTERNATOR



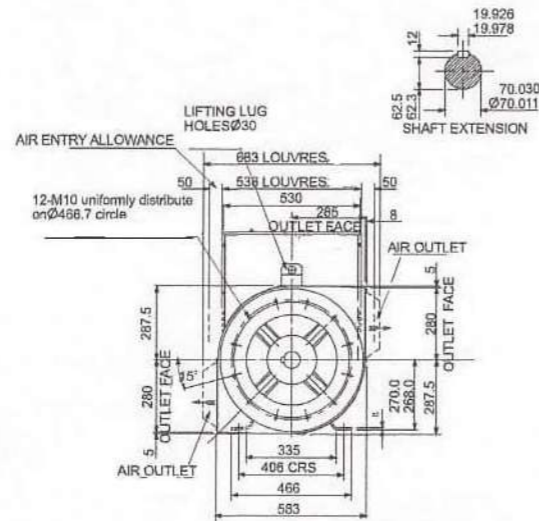
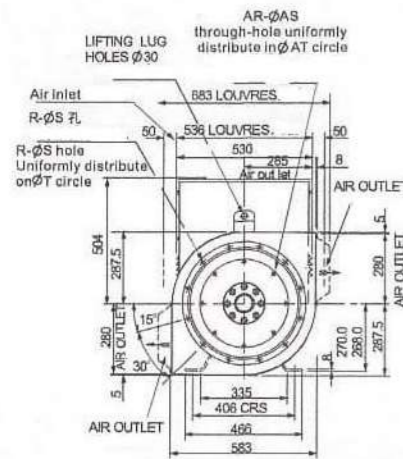
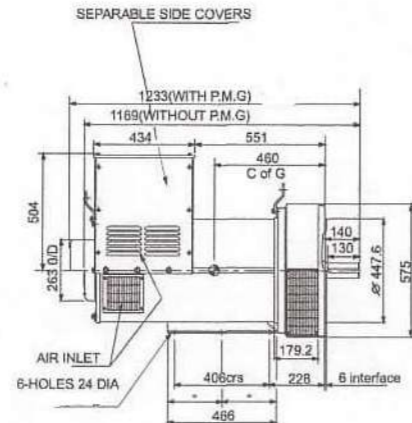
CGG274 TECHNICAL DATA SHEET

SLG274J/K External dimension

SINGLE BEARING



DOUBLE BEARING



FLANGE (mm)								
S.A.E.NO.	A	B	C	D	R	S	T	W
1	1063	1000	525	202	12	12.7	530.2	511.1
2	1063	1000	525	202	12	11	466.7	447.6
3	1088.5	1023.5	548.5	225.5	12	11	428.6	409.5

DISC COUPLING (mm)					
S.A.E.NO.	AN	AR	AS	AT	V
11.5	39.68	8	11	333.3	352.3
14	25.40	8	13.5	438.2	466.6

SAE NO SELECTOR CHOWT			
	SAE10	SAE11.5	SAE14
SAE 1		•	•
SAE 2		•	
SAE 3	•		

50Hz CLASS "H"

RATINGS	Winding 311 / 0.8 Power Factor											
	Cont./125K/40°C						Cont./125K/40°C					
	3 PHASE						1 PHASE					
Duty / Temp Rise / Ambient T												
PHASE												
SERIES STAR	380	400	415									
PARALLEL STAR	190	200	208									
SERIES DELTA	220	230	240									
DOUBLE DELTA							220	230	240			
	KVA	KW	KVA	KW	KVA	KW	KVA	KW	KVA	KW	KVA	KW
SLG274C	100	80	100	80	100	80	60	48	60	48	60	48
SLG274D	114	91.2	120	96	114	91.2	68	54.4	68	54.4	68	54.4
SLG274E	140	112	140	112	140	112	85	68	85	68	85	68
SLG274F	160	128	160	128	160	128	96	76.8	96	76.8	96	76.8
SLG274G	180	144	180	144	180	144	108	86.4	108	86.4	108	86.4
SLG274H	200	160	200	160	200	160	120	96	120	96	120	96
SLG274J	230	184	230	184	230	184	138	110.4	138	110.4	138	110.4
SLG274K	250	200	250	200	250	200	150	120	150	120	150	120

60Hz CLASS "H"

RATINGS	Winding 311 / 0.8 Power Factor											
	Cont./125K/40°C						Cont./125K/40°C					
	3 PHASE						1 PHASE					
Duty / Temp Rise / Ambient T												
PHASE												
SERIES STAR	416	440	460	480								
PARALLEL STAR	208	220	230	240								
SERIES DELTA	240	254	266	277								
DOUBLE DELTA							220	230	240			
	KVA	KW	KVA	KW	KVA	KW	KVA	KW	KVA	KW	KVA	KW
SLG274C	112.5	90	117.5	94	117.5	94	125	100	61.3	49	64.4	51.5
SLG274D	131.3	105	137.5	110	137.5	110	146.3	117	72	57.6	75	60
SLG274E	160	128	167.5	134	167.5	134	178.8	143	84	67.2	90	72
SLG274F	181.3	145	190	152	190	152	206.3	165	97.5	78	103.1	82.5
SLG274G	205	164.5	218.5	174.8	218.5	174.8	231.4	185.1	110.5	88.4	115.7	92.6
SLG274H	237.5	190	245	196	245	196	255	204	127.5	102	135	108
SLG274J	296	215.2	281	224.8	294	312.5	300	240	150	120	157	125.6
SLG274K	291	232.8	299	239.2	235.2	250	312.5	250	155	124	166	132.8

1533 Industrial Drive
Griffin, GA 30224

678-603-5852