

# PANCAKE SINGLE PHASE GENERATORS

Basic Model 332CSA3020/332CSB3020

Test Report No. WC3020 Date: 8/15/11

## TYPICAL SUBMITTAL DATA

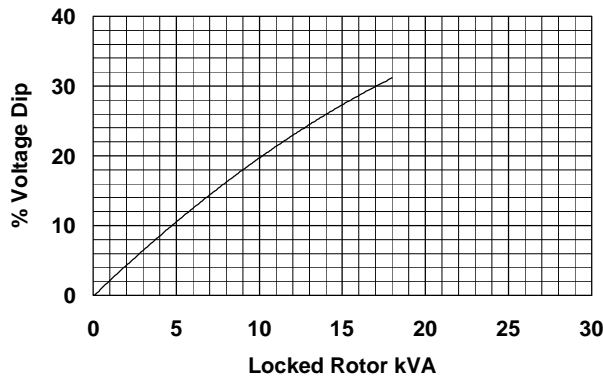
Kilowatt ratings at kW (kVA)	1800 RPM		60 Hertz		4 Leads	
	1 Phase		Dripproof or Open Enclosure			
	Class B	Class F				
P.F. Volts	80° C ① Continuous	95° C ① Lloyds	90° C ① ABS	105° C ② British Standard	105° C ① Continuous	130° C ① Standby
0.8 120V 120/240V	6 (7.5)	6 (7.5)	6 (7.5)	6.5 (8.1)	6.5 (8.1)	7 (8.8)
1.0 120V 120/240V	10 (10)	10 (10)	10 (10)	10.5 (10.5)	10.5 (10.5)	11 (11)

① Rise by resistance method, Mil-Std-705, Method 680.11.

② Rating per BS 5000.

Submittal Data: 240 Volts, 1800 RPM, 60Hz, 1 Phase					
Mil-Std-705B			Mil-Std-705B		
Method	Description	Value	Method	Description	Value
301.1b	Insulation Resistance	> 1.5 Meg	505.3b	Overspeed	2250 RPM
302.1a	High Potential Test		601.4a	L-L Harmonic Maximum - Total (Distortion Factor)	12.0%
	Main Stator	1500 volts	601.4a	L-L Harmonic Maximum - Single	11.0%
	Main Rotor	1500 volts	601.1c	Deviation Factor	13.0%
	Exciter Stator	1500 volts	--	Type	Ext. Voltage Regulated, Brushless
	Exciter Rotor	1500 volts	----	Insulation	Class F
401.1a	Stator Resistance, Line to Line		----	Coupling - Single Bearing	Flexible
	High Wye Connection	0.395 Ohms	----	Amortisseur Windings	Full
	Rotor Resistance	1.581 Ohms	----	Cooling Air Volume	250 CFM
	Exciter Stator	24.5 Ohms	----	Exciter	Rotating
	Exciter Rotor	0.49 Ohms	----	Voltage Regulator	SE350
410.1a	No Load Exciter Field Amps at 240 Volts Line to Line	0.59 A DC	----	Voltage Regulation	1%

TYPICAL MOTOR STARTING CHARACTERISTICS



TYPICAL GENERATOR EFFICIENCY

