

PANCAKE SINGLE PHASE GENERATORS

Date: 8/15/11

Basic Model 333CSA3024/333CSB3024

Test Report No. WC3024

TYPICAL SUBMITTAL DATA

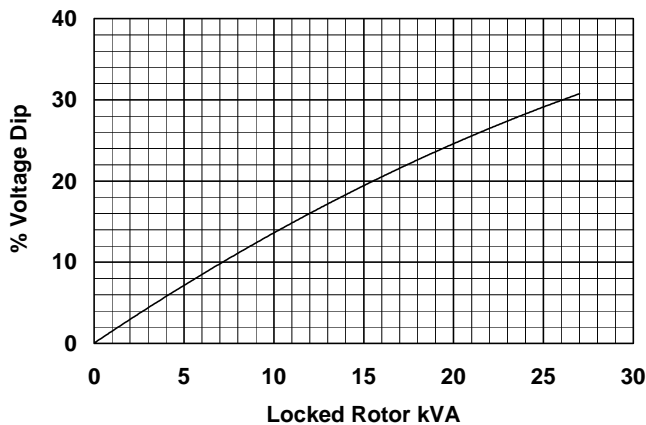
Kilowatt ratings at kW (kVA)		1800 RPM 1 Phase		60 Hertz Dripproof or Open Enclosure		4 Leads	
P.F. Volts	Class B			Class F			
	80° C ① Continuous	95° C ① Lloyds	90° C ① ABS	105° C ② British Standard	105° C ① Continuous	130° C ① Standby	
0.8 120V 120/240V	9 (11.3)	9 (11.3)	9 (11.3)	10 (12.5)	10 (12.5)	10 (12.5)	
1.0 120V 120/240V	12.5 (12.5)	12.5 (12.5)	12.5 (12.5)	15 (15)	15 (15)	16.5 (16.5)	

① Rise by resistance method, Mil-Std-705, Method 680.1b.

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	0.2 Ohms	----	Amortisseur Windings	Full	
	Rotor Resistance	1.88 Ohms	----	Cooling Air Volume	250 CFM	
	Exciter Stator	28 Ohms	----	Exciter	Rotating	
	Exciter Rotor	0.55 Ohms	----	Voltage Regulator	SE350	
410.1a	No Load Exciter Field Amps at 240 Volts Line to Line	0.5 A DC	----	Voltage Regulation	1%	

TYPICAL MOTOR STARTING CHARACTERISTICS



TYPICAL GENERATOR EFFICIENCY

