

SINGLE PHASE TYPICAL SUBMITTAL DATA

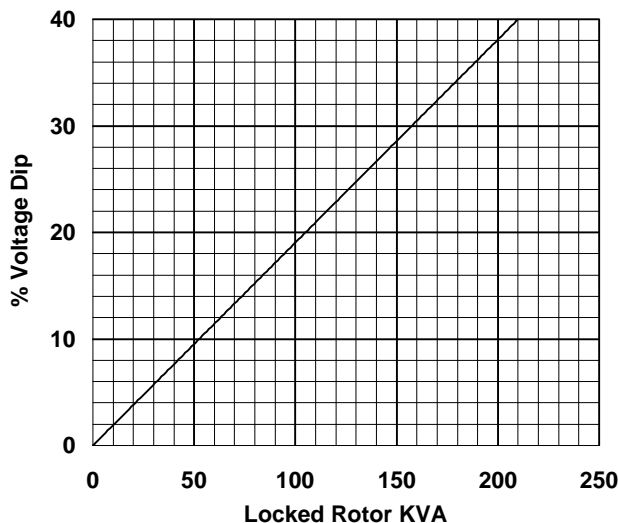
Kilowatt ratings at		1800 RPM		60 Hertz		12 Leads			
kW (kVA)		1 Phase		Dripproof or Open Enclosure					
P.F. Volts	Class B	Class F					Class H		
	80° C ① Continuous	90° C ① Lloyds	95° C ① ABS	105° C † British Standard	105° C ① Continuous	130° C ① Standby	125° C † British Standard	125° C ① Continuous	150° C ① Standby
0.8 120V 120/240V	60 (75)	63 (79)	64 (80)	66 (83)	66 (83)	73 (91)	72 (90)	72 (90)	78 (98)
1.0 120V 120/240V	80 (80)	85 (85)	86 (86)	90 (90)	90 (90)	97 (97)	95 (95)	95 (95)	100 (100)

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

† 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)	3.5%
	Main Stator	2000 volts	601.4a	L-L Harmonic Maximum - Single	2.5%
	Main Rotor	1500 volts	601.1c	Deviation Factor	7.0%
	Exciter Stator	1500 volts	--	Type	Ext. Voltage Regulated, Brushless
401.1a	Exciter Rotor	1500 volts	----	Insulation	Class H
	Stator Resistance, Line to Line High Wye Connection	0.0692 Ohms	----	Coupling - Single Bearing	Flexible
	Rotor Resistance	1.365 Ohms	----	Amortisseur Windings	Full
	Exciter Stator	23.5 Ohms	----	Cooling Air Volume	700 CFM
	Exciter Rotor	0.12 Ohms	----	Exciter	Rotating
410.1a	No Load Exciter Field Amps at 240 Volts Line to Line	0.52 A DC	----	Voltage Regulator	SE350
			----	Voltage Regulation	1%

TYPICAL MOTOR STARTING CHARACTERISTICS



TYPICAL GENERATOR EFFICIENCY

