

SINGLE PHASE TYPICAL SUBMITTAL DATA

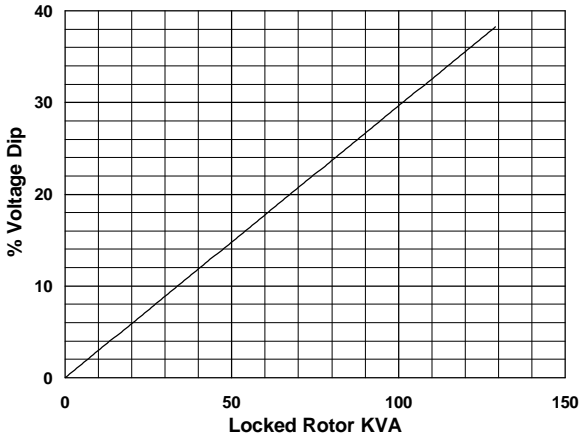
Kilowatt ratings at		1800 RPM			60 Hertz			4 Leads		
kW (kVA)		1 Phase			Dripproof or Open Enclosure					
P.F. Volts	Class B	Class F					Class H			
	80° C ① Continuous	90° C ① Lloyds	95° C ① ABS	105° C † British Standard	105° C ① Continuous	130° C ① Standby	125° C † British Standard	125° C ① Continuous	150° C ① Standby	
0.8 120V 120/240V	21 (26.3)	22 (27.5)	23 (28.8)	24 (30)	24 (30)	27 (33.8)	26 (32.5)	26 (32.5)	28 (35)	
1.0 120V 120/240V	30 (30)	32 (32)	34 (34)	37 (37)	37 (37)	41 (41)	40 (40)	40 (40)	42 (42)	

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

† Rating per BS 5000.

Submittal Data: 240 Volts, 20 kVA, 1800 RPM, 60 Hz, 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)	8.0%
	Main Stator	1500 volts	601.4a	L-L Harmonic Maximum - Single	7.0%
	Main Rotor	1500 volts	601.1c	Deviation Factor	8.0%
	Exciter Stator	1500 volts	--	Type	Ext. Voltage Regulated, Brushless
401.1a	Exciter Rotor	1500 volts	----	Insulation	Class H
	Stator Resistance, Line to Line		----	Coupling - Single Bearing	Flexible
	High Wye Connection	0.046 Ohms	----	Amortisseur Windings	Full
	Rotor Resistance	1.482 Ohms	----	Cooling Air Volume	250 CFM
	Exciter Stator	18 Ohms	----	Exciter	Rotating
	Exciter Rotor	0.145 Ohms	----	Voltage Regulator	SE350
410.1a	No Load Exciter Field Amps at 240 Volts Line to Line	0.89 A DC	----	Voltage Regulation	1%

TYPICAL MOTOR STARTING CHARACTERISTICS



TYPICAL GENERATOR EFFICIENCY

