MARATHON ELECTRIC GENERATORS

TYPICAL SUBMITTAL DATA

MODEL : 432PSL6210
BASE MODEL : 432PSL6210 **Winding WC- 1904S** **11/01/2001**

Kilowatt ratings at kW (kVA)	1500 RPM		50 Hertz		12 LEADS		Single phase connection Dripproof or Open Enclosure		
	Class B	Class F					Class H		
Voltage at - pf	80° C ① Continuous	90° C ① Lloyds	95° C ① ABS	105° C British Standard	105° C Continuous	130° C ① Standby	125° C British Standard	125° C Continuous	150° C ① Standby
440/220-1	131 (131)	135 (135)	135 (135)	150 (150)	150 (150)	168 (168)	154 (154)	165 (165)	170 (170)
440/220-.8	104 (130)	107 (134)	107 (134)	120 (150)	120 (150)	134 (168)	123 (154)	132 (165)	136 (170)
400/200-1	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
400/200-.8	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

①*Rise by resistance method, Mil-Std-705, Method 680.1b.* *British Standard Rating per BS 5000*

Submittal Data: 440 Volts*, 136 kW, 170 kVA, 0.8 P.F., 1500 RPM, 50 Hz, 1 Phase

Mil-Std-705B Method	Description	Value
301.1b	Insulation Resistance	>1.5 Meg
302.1a	High Potential Test	
	Main Stator	2000 Volts
	Main Rotor	1500 Volts
	Exciter Stator	1500 Volts
	Exciter Rotor	1500 Volts
401.1a	Stator resistance - Line to Line	
	Low-Zigzag = 0.008 Ohms, Hi-Zigzag =	0.032 Ohms
	Rotor Resistance	0.841 Ohms
	Exciter Stator	18.5 Ohms
	Exciter Rotor	0.116 Ohms
410.1a	No Load Exciter Field Amps	
	at 220/440 Volts Line to Line	#VALUE!

Mil-Std-705B Method	Description	Value
505.3b	Overspeed	1875 RPM
601.4a	L-L Harmonic Maximum - Total	5.0%
	(Distortion Factor)	
601.4a	L-L Harmonic Maximum - Single	5.0%
601.1c	Deviation Factor	6.0%
--	Type	MAGNAPLUS
--	Insulation	Class H
--	Coupling - Single Bearing	Flexible
--	Amortisseur Windings	Full
--	Exciter	Rotating
--	Voltage Regulator	SE350
--	Voltage Regulation	1.00%
	Cooling Air Volume	850 CFM