

MARATHON ELECTRIC GENERATORS TYPICAL SUBMITTAL DATA

Section 0

Page

MODEL : 432PSL6228
BASE MODEL : 432PSL6228

Winding H-SG 430627

11/01/2001

Kilowatt ratings at kW (kVA)	1500 RPM		50 Hertz			4 LEADS		Dedicated single phase Dripproof or Open Enclosure		
	Class B		Class F					Class H		
	80° C ∅ Continuous	90° C ∅ Lloyds	95° C ∅ ABS	105° C British Standard	105° C Continuous	130° C ∅ Standby	125° C British Standard	125° C Continuous	150° C ∅ Standby	
220-1	145 (145)	155 (155)	155 (155)	170 (170)	170 (170)	185 (185)	185 (185)	185 (185)	195 (195)	
220-8	100 (125)	105 (131)	105 (131)	116 (145)	116 (145)	125 (156)	125 (156)	125 (156)	136 (170)	
200-1	140 (140)	145 (145)	145 (145)	155 (155)	155 (155)	170 (170)	170 (170)	170 (170)	180 (180)	
200-8	100 (125)	105 (131)	105 (131)	115 (144)	115 (144)	125 (156)	125 (156)	125 (156)	135 (169)	

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

British Standard Rating per BS 5000

Mil-Std-705B			Mil-Std-705B		
Method	Description	Value	Method	Description	Value
301.1b	Insulation Resistance	>1.5 Meg	505.3b	Overspeed	1875 RPM
302.1a	High Potential Test		601.4a	L-L Harmonic Maximum - Total (Distortion Factor)	5.0%
	Main Stator	1500 Volts	601.4a	L-L Harmonic Maximum - Single	5.0%
	Main Rotor	1500 Volts	601.1c	Deviation Factor	6.0%
	Exciter Stator	1500 Volts	--	Type	MAGNAPLUS
	Exciter Rotor	1500 Volts	--	Insulation	Class H
401.1a	Stator resistance - Line to Line		--	Coupling - Single Bearing	Flexible
	Dedicated connection	0.0072 Ohms	--	Amortisseur Windings	Full
	Rotor Resistance	0.852 Ohms	--	Exciter	Rotating
	Exciter Stator	18 Ohms	--	Voltage Regulator	SE350
	Exciter Rotor	0.105 Ohms	--	Voltage Regulation	1.00%
410.1a	No Load Exciter Field Amps at 220 Volts Line to Line	0.62 A DC	--	Cooling Air Volume	870 CFM

