



TYPICAL SUBMITTAL DATA

MODEL: 431PSL6222
BASE MODEL: 431PSL6222

Winding H-SG430625

5/27/2010

Voltage at -pf	1800 RPM		60 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
240-1	100 (100)	105 (105)	105 (105)	110 (110)	110 (110)	115 (115)	115 (115)	115 (115)	125 (125)
240-8	60 (75)	63 (79)	63 (79)	68 (85)	68 (85)	73 (91)	73 (91)	73 (91)	78 (98)

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

⊗ British Standard Rating per BS 5000

Submittal Data: 240 Volts, 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)	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	0.0248 Ohms	--	Amortisseur Windings	Full
	Rotor Resistance	0.516 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 240 Volts Line to Line	0.55 A DC	--	Cooling Air Volume	1100 CFM

