TYPICAL SUBMITTAL DATA

Kilowatt ratings at **1800** RPM **60** Hertz **4** Leads

kW (kVA) **1** Phase **Dripproof or Open** Enclosure

		Class B	Class F				
	Voltage*	80°C① Continuous	90°C① Lloyds	95°C① ABS	105°C② British Standard	105°C① Continuous	130°C① Standby
0.8	120V 120/240V	5.0 (6.3)	5.0 (6.3)	5.0 (6.3)	5.5 (6.9)	5.5 (6.9)	6.0 (7.5)
1.0	120V 120/240V	8.3 (8.3)	8.3 (8.3)	8.3 (8.3)	9.0 (9.0)	9.0 (9.0)	9.2 (9.2)

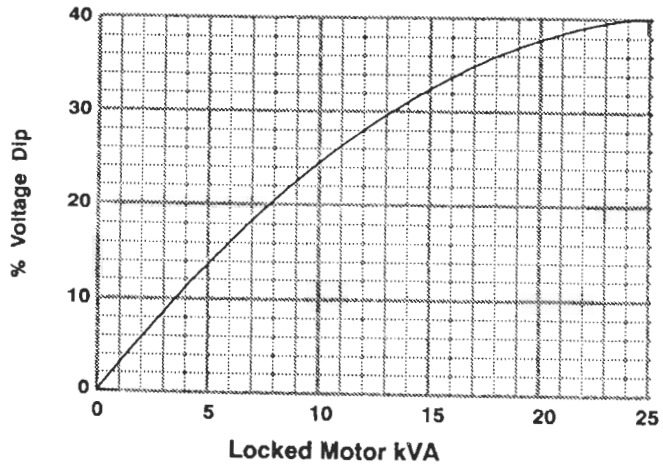
① Rise by resistance method, Mil-Std-705, Method 680.1b. *② Rating per BS 5000.*

Submittal Data: 240 Volts, 1800 RPM, 60Hz, 1 Phase

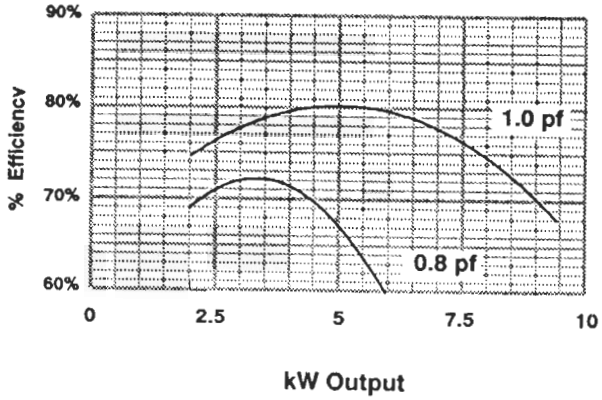
Mil-Std-705B Method	Description	Value
301.1b	Insulation Resistance	>1.5 Meg
302.1a	Hi Potential Test	
	Main Stator	1500 Volts
	Main Rotor	1500 Volts
	Exciter Stator	1500 Volts
	Exciter Rotor	1500 Volts
401.1a	Stator Resistance, Line to Line, High Wye Connection	0.627 Ohms
	Rotor Resistance	1.46 Ohms
	Exciter Stator	24.0 Ohms
	Exciter Rotor	0.56 Ohms
410.1a	No Load Exciter Field Amps at 240 V L-L	0.63 A DC

Mil-Std-705B Method	Description	Value
505.3b	Overspeed	2250 RPM
601.4a	L-L Harmonic Max. Total (Distortion Factor)	8.0%
601.4a	L-L Harmonic Max. Single	7.0%
601.1c	Deviation Factor	8.0%
--	Type	Ext. Voltage Regulated, Brushless
—	Insulation	Class F/H
—	Coupling-Single Bearing	Flexible
—	Amortisseur Windings	Full
—	Cooling Air Volume	250 CFM
—	Exciter	Rotating
—	Voltage Regulator	SE250
—	Voltage Regulation	1%

TYPICAL MOTOR STARTING CHARACTERISTICS



TYPICAL GENERATOR EFFICIENCY



**Voltage refers to wye (star) connection, unless otherwise specified.*

Prices and data subject to change without notice.

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PANCAKE GENERATORS

Basic Model 332RSA3004 Test Report No. 2547

TYPICAL SUBMITTAL DATA

Kilowatt ratings at 1800 RPM 60 Hertz 4 Leads

kW (kVA) 1 Phase **Dripproof or Open** Enclosure

		Class B	Class F				
	Voltage*	80°C① Continuous	90°C① Lloyds	95°C① ABS	105°C② British Standard	105°C① Continuous	130°C① Standby
0.8	120V 120/240V	6.0 (7.5)	6.0 (7.5)	6.0 (7.5)	6.5 (8.1)	6.5 (8.1)	7.0 (8.8)
1.0	120V 120/240V	10 (10)	10 (10)	10 (10)	10.5 (10.5)	10.5 (10.5)	11.0 (11.0)

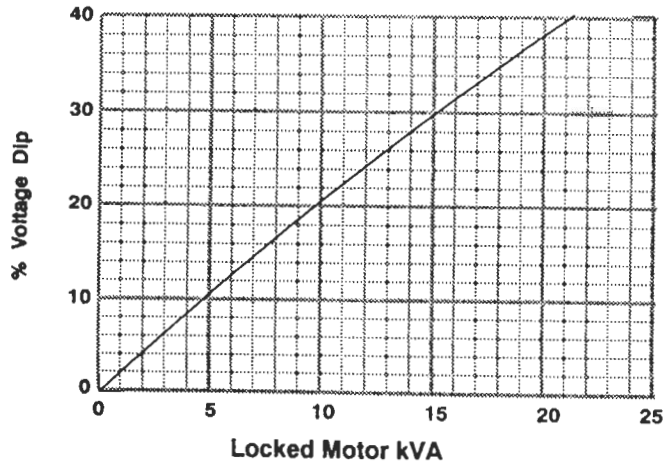
① Rise by resistance method, Mil-Std-705, Method 680.1b. *② Rating per BS 5000.*

Submittal Data: 240 Volts, 1800 RPM, 60Hz, 1 Phase

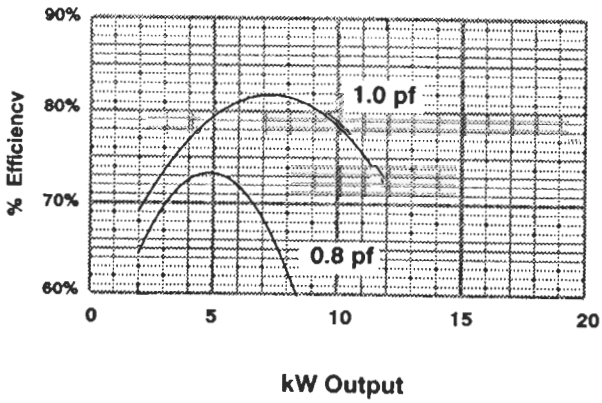
Mil-Std-705B Method	Description	Value
301.1b	Insulation Resistance	>1.5 Meg
302.1a	Hi Potential Test	
	Main Stator	1500 Volts
	Main Rotor	1500 Volts
	Exciter Stator	1500 Volts
	Exciter Rotor	1500 Volts
401.1a	Stator Resistance, Line to Line, High Wye Connection	0.419 Ohms
	Rotor Resistance	1.57 Ohms
	Exciter Stator	24.0 Ohms
	Exciter Rotor	0.56 Ohms
410.1a	No Load Exciter Field Amps at 240 V L-L	0.66 A DC

Mil-Std-705B Method	Description	Value
505.3b	Overspeed	2250 RPM
601.4a	L-L Harmonic Max. Total (Distortion Factor)	8.0%
601.4a	L-L Harmonic Max. Single	7.0%
601.1c	Deviation Factor	8.0%
--	Type	Ext. Voltage Regulated, Brushless
—	Insulation	Class F/H
—	Coupling-Single Bearing	Flexible
—	Amortisseur Windings	Full
—	Cooling Air Volume	250 CFM
—	Exciter	Rotating
—	Voltage Regulator	SE250
—	Voltage Regulation	1%

TYPICAL MOTOR STARTING CHARACTERISTICS



TYPICAL GENERATOR EFFICIENCY



Voltage refers to wye (star) connection, unless otherwise specified.

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TYPICAL SUBMITTAL DATA

Kilowatt ratings at 1800 RPM 60 Hertz 4 Leads

kW (kVA) 1 Phase **Dripproof or Open** Enclosure

		Class B	Class F				
	Voltage*	80°C① Continuous	90°C① Lloyds	95°C① ABS	105°C② British Standard	105°C① Continuous	130°C① Standby
0.8	120V 120/240V	8.0 (10.0)	8.0 (10.0)	8.0 (10.0)	9.0 (11.3)	9.0 (11.3)	9.5 (11.9)
1.0	120V 120/240V	12.0 (12.0)	12.0 (12.0)	12.0 (12.0)	13.5 (13.5)	13.5 (13.5)	14.5 (14.5)

① Rise by resistance method, Mil-Std-705, Method 680.1b. *② Rating per BS 5000.*

Submittal Data: 240 Volts, 1800 RPM, 60Hz, 1 Phase

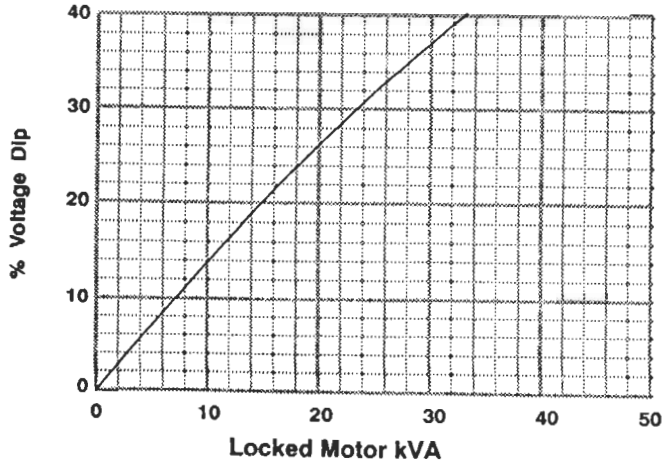
Mil-Std-705B

Method	Description	Value
301.1b	Insulation Resistance	>1.5 Meg
302.1a	Hi Potential Test	
	Main Stator	1500 Volts
	Main Rotor	1500 Volts
	Exciter Stator	1500 Volts
	Exciter Rotor	1500 Volts
401.1a	Stator Resistance, Line to Line, High Wye Connection	0.286 Ohms
	Rotor Resistance	1.69 Ohms
	Exciter Stator	27.0 Ohms
	Exciter Rotor	0.64 Ohms
410.1a	No Load Exciter Field Amps at 240 V L-L	0.57 A DC

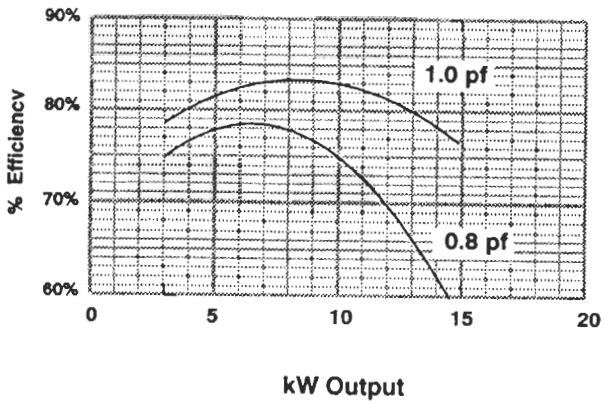
Mil-Std-705B

Method	Description	Value
505.3b	Overspeed	2250 RPM
601.4a	L-L Harmonic Max. Total (Distortion Factor)	8.0%
601.4a	L-L Harmonic Max. Single	7.0%
601.1c	Deviation Factor	8.0%
--	Type	Ext. Voltage Regulated, Brushless
—	Insulation	Class F/H
—	Coupling-Single Bearing	Flexible
—	Amortisseur Windings	Full
—	Cooling Air Volume	250 CFM
—	Exciter	Rotating
—	Voltage Regulator	SE250
—	Voltage Regulation	1%

TYPICAL MOTOR STARTING CHARACTERISTICS



TYPICAL GENERATOR EFFICIENCY



**Voltage refers to wye (star) connection, unless otherwise specified.*

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PANCAKE GENERATORS

Basic Model **333RSA3008** Test Report No. **3547**

TYPICAL SUBMITTAL DATA

Kilowatt ratings at **1800** RPM **60** Hertz **4** Leads

kW (kVA) **1** Phase **Dripproof or Open** Enclosure

		Class B	Class F				
	Voltage*	80°C① Continuous	90°C① Lloyds	95°C① ABS	105°C② British Standard	105°C① Continuous	130°C① Standby
0.8	120V 120/240V	9.0 (11.3)	9.0 (11.3)	9.0 (11.3)	10 (12.5)	10 (12.5)	10 (12.5)
1.0	120V 120/240V	12.5 (12.5)	12.5 (12.5)	12.5 (12.5)	15 (15)	15 (15)	16.5 (16.5)

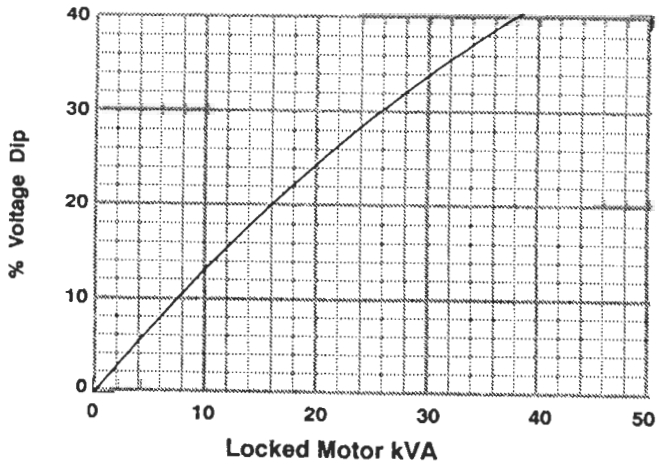
① Rise by resistance method, Mil-Std-705, Method 680.1b. *② Rating per BS 5000.*

Submittal Data: 240 Volts, 1800 RPM, 60Hz, 1 Phase

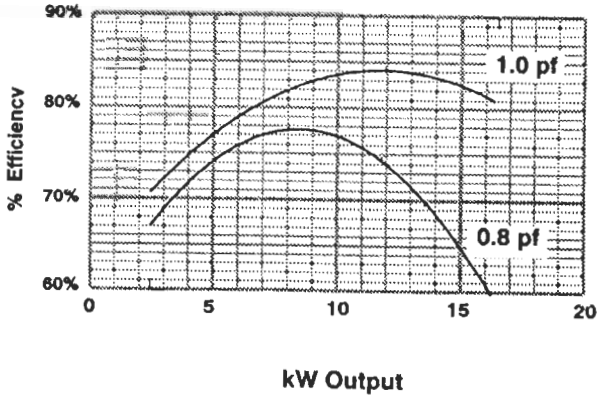
Mil-Std-705B Method	Description	Value
301.1b	Insulation Resistance	>1.5 Meg
302.1a	Hi Potential Test	
	Main Stator	1500 Volts
	Main Rotor	1500 Volts
	Exciter Stator	1500 Volts
	Exciter Rotor	1500 Volts
401.1a	Stator Resistance, Line to Line, High Wye Connection	0.207 Ohms
	Rotor Resistance	1.82 Ohms
	Exciter Stator	27.0 Ohms
	Exciter Rotor	0.64 Ohms
410.1a	No Load Exciter Field Amps at 240 V L-L	0.64 A DC

Mil-Std-705B Method	Description	Value
505.3b	Overspeed	2250 RPM
601.4a	L-L Harmonic Max. Total (Distortion Factor)	8.0%
601.4a	L-L Harmonic Max. Single	7.0%
601.1c	Deviation Factor	8.0%
--	Type	Ext. Voltage Regulated, Brushless
—	Insulation	Class F/H
—	Coupling-Single Bearing	Flexible
—	Amortisseur Windings	Full
—	Cooling Air Volume	250 CFM
—	Exciter	Rotating
—	Voltage Regulator	SE250
—	Voltage Regulation	1%

TYPICAL MOTOR STARTING CHARACTERISTICS



TYPICAL GENERATOR EFFICIENCY



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