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**THE FOLLOWING BRAND NEW ELECTRIC MOTORS ARE AVAILABLE FOR SALE WITH IMMEDIATE DELIVERY:**

**3 Nos. - 11400 HP, NEW SIEMENS make Electric Motors Having the Following Technical Specifications:**

**SPECIFIED REQUIREMENTS**

Horsepower : 11400  
Service Factor : 1.10  
Voltage : 6600  
Number of Phases : 3  
Frequency, hertz : 60  
Ambient, deg C : 40  
Enclosure : TEWAC  
Synchronous Speed, RPM : 1800  
Percent Starting Voltage : 60  
Elevation (ft) : 3300

**FRAME DATA**

Frame : 636  
Type : 1RN4  
Rotor Construction: Fabricated Copper Bar  
Load Inertia (wk2), lb-ft2 : 1430  
Rotor Inertia (wk2), lb-ft2 : 4627  
Rotor Weight, lbs : 8140  
Motor Weight, lbs : 34140  
Temp. Rise : 120 by DET @ 1.1 SF  
Sound Pressure Level : 82dBA @ 3ft, unloaded  
Insulation Class : F-VPI  
Bearing Type : Sleeve

**PERFORMANCE DATA**

Full Load Speed, RPM : 1793  
Current, Amps : 858  
Locked Rotor Current, % FLA : 647  
kVA/HP : 5.57  
Code : F  
Full Load Torque, lb-ft : 33393  
Starting Torque, %FLT : 72  
Breakdown Torque, %FLT : 238  
NEMA Design : -

	0.25 <u>Load</u>	0.50 <u>Load</u>	0.75 <u>Load</u>	Full <u>Load</u>	No <u>Load</u>	Locked <u>Rotor</u>
Percent Efficiency :	95.5	96.9	97.1	97.0	N/A	N/A
Percent Power Factor :	71.3	85.7	89.0	89.4	4.3	11.3
Current, Amps :	273.1	447.9	645.6	857.9	172.1	5551

	<u>100</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>% Voltage</u>
Safe Stalled Time, Motor Hot :	5	19	12	9	Seconds
Safe Stalled Time, Motor Cold :	6	22	15	10	Seconds
Acceleration Time :	1.4	7.8	4.1	2.7	Seconds

Time Constants :	3.179 Seconds Open Circuit	<u>RTD Settings (°C):</u>	<u>Alarm</u>	<u>Shutdown</u>
	0.115 Seconds Short Circuit (AC)	<u>Stator:</u>	155	170
X/R Ratio :	36.605	<u>Bearings:</u>	100	105

Please Note:

1. All values are typical.
2. Guaranteed values are indicated in (GUAR)
3. CSA Label
4. Suitable for Class 1, Zone 2, GRP IIB, Temp. Code T3.
5. 10,700 HP @ 1.00 SF with Class B rise (85 °C rise by DET)

PHOTOGRAPHS:



