

# TECO Westinghouse

ISSUED <b>11/15/06</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AECA</b>	<b>3-PHASE INDUCTION MOTOR 2 SPEED 1 WINDING, VARIABLE TORQUE</b>	CATALOG# <b>CP1004/8</b>

### NAMEPLATE INFORMATION

OUTPUT HP	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
<b>100 / 25</b>	<b>4/8</b>	<b>444T</b>	<b>460</b>	<b>60</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.15</b>

### TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			KVA CODE LETTER
	FULL LOAD		3/4 LOAD	1/2 LOAD	F. L.	3/4 LOAD	1/2 LOAD	
	MIN. %	NOM. %	%	%	%	%	%	
<b>1770 / 880</b>	<b>91.6 / 87.1</b>	<b>92.5 / 88.0</b>	<b>91.8 / 86.5</b>	<b>89.0 / 82.0</b>	<b>90.0 / 62.0</b>	<b>87.0 / 55.0</b>	<b>74.0 / 42.0</b>	<b>G / H</b>

CURRENTS		
NO LOAD	FULL LOAD	LOCKED ROTOR
AT 460 VOLT	AT 460 VOLT	AT 460 VOLT
<b>26.4 / 22.1</b>	<b>112 / 42.9</b>	<b>790 / 240</b>

TORQUE				INERTIA		
FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR <sup>2</sup> lb-ft <sup>2</sup>	NEMA LOAD WK <sup>2</sup> lb-ft <sup>2</sup>	MAX ALLOWABLE WK <sup>2</sup> lb-ft <sup>2</sup>
<b>297 / 149</b>	<b>120 / 130</b>	<b>108 / 117</b>	<b>220 / 230</b>	<b>42.6</b>	<b>441 / 647</b>	<b>662 / 1294</b>

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>28 / 40</b>	<b>20 / 30</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057CP1004/8</b>	REVISION	<b>0</b>
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