

# TECO Westinghouse

ISSUED <b>02/03/12</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEEAGD</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>CD2508R</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>250</b>	<b>187</b>	<b>8</b>	<b>5009C</b>	<b>460</b>	<b>60</b>	<b>40°C</b>	<b>F</b>	<b>C</b>	<b>CONT.</b>	<b>1.15</b>

### TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			MAXIMUM POWER FACTOR CORRECTION
	FULL LOAD		3/4 LOAD %	1/2 LOAD %	F. L. %	3/4 LOAD %	1/2 LOAD %	
	MIN. %	NOM. %						
<b>885</b>	<b>93.5</b>	<b>94.1</b>	<b>92.4</b>	<b>91</b>	<b>80</b>	<b>76</b>	<b>66</b>	<b>82 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
<b>103</b>	<b>311</b>	<b>1825</b>	<b>G</b>

### TORQUE

### INERTIA

### ACCEL TIME

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>	NEMA LOAD WK <sup>2</sup> Sec	MAX ALLOWABLE WK <sup>2</sup> Sec
<b>1485</b>	<b>200</b>	<b>160</b>	<b>250</b>	<b>275</b>	<b>5540</b>	<b>13850</b>	<b>5.40</b>	<b>13.12</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	80
<b>20</b>	<b>14</b>	<b>1</b>	<b>2</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>3A057CD2508R</b>	REVISION <b>0</b>
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