

# TECO Westinghouse

ISSUED <b>11/12/18</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHAGD</b>		CATALOG# <b>KD2004</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>200</b>	<b>149</b>	<b>4</b>	<b>5007</b>	<b>2300/4000</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>1782</b>	<b>94.1</b>	<b>95</b>	<b>94</b>	<b>92.8</b>	<b>82.6</b>	<b>79.9</b>	<b>69.6</b>	<b>71 KVAR</b>

### CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	
2300 VOLT	4000 VOLT	2300 VOLT	4000 VOLT	2300 VOLT	4000 VOLT	
<b>17.8</b>	<b>10.2</b>	<b>48.0</b>	<b>27.6</b>	<b>360.0</b>	<b>207.0</b>	<b>J</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>589</b>	<b>200</b>	<b>210</b>	<b>250</b>	<b>96</b>	<b>846</b>	<b>1246</b>	<b>4</b>	<b>6</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

COLD	HOT	COLD	HOT
<b>11</b>	<b>8</b>	<b>2</b>	<b>1</b>

APPROVED:	<b>K. Lo</b>	DRAWING NO.	<b>3A057KD2004</b>	REV	<b>0A</b>
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