

# TECO Westinghouse

ISSUED <b>February 8, 2022</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHHGD</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>CDP1008R</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>100</b>	<b>74.6</b>	<b>8</b>	<b>445T</b>	<b>230/460</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>890</b>	<b>92.4</b>	<b>93.6</b>	<b>93.0</b>	<b>93.0</b>	<b>78.0</b>	<b>74.0</b>	<b>65.0</b>	<b>0.0 KVAR</b>

### CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	
230 VOLT	460 VOLT	230 VOLT	460 VOLT	230 VOLT	460 VOLT	
<b>94.0</b>	<b>47.0</b>	<b>259.8</b>	<b>129.9</b>	<b>1450.0</b>	<b>725.0</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>	NEMA LOAD WK <sup>2</sup> Sec
<b>589.94</b>	<b>230</b>	<b>180</b>	<b>250</b>	<b>72.80</b>	<b>2370</b>	<b>5.5</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD

HOT

COLD

HOT

**20**

**15**

**2**

**1**

**76**

APPROVED:

**K. Lo**

DRAWING NO.

**31057CDP1008R**

REVISION **1**