

# TECO Westinghouse

ISSUED <b>March 18, 2011</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEUH8NDC</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>EPV0302C-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>30</b>	<b>22.4</b>	<b>2</b>	<b>286TSC</b>	<b>190/380</b>	<b>50</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.0</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>2925</b>	<b>89.5</b>	<b>91</b>	<b>91.7</b>	<b>91</b>	<b>91.5</b>	<b>90</b>	<b>90</b>	<b>5.47 KVAR</b>

### CURRENTS

NO LOAD		FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT		AT	AT	AT	AT	AT		
190 VOLT		380 VOLT	190 VOLT	380 VOLT	190 VOLT	380 VOLT		
<b>13.72</b>		<b>6.86</b>	<b>81.60</b>		<b>40.80</b>	<b>578.00</b>		<b>H</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>53.85</b>	<b>135</b>	<b>110</b>	<b>205</b>	<b>2.831</b>	<b>47.3678</b>	<b>104.2857143</b>	<b>5.39</b>	<b>11.51</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>24</b>	<b>17</b>	<b>2</b>	<b>1</b>	<b>77</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057EPV0302C-50</b>	REVISION	<b>0</b>
-----------	------------------	-------------	-------------------------	----------	----------