

# TECO Westinghouse

ISSUED <b>November 3, 2015</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEEAFP</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>QT1006R</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>6</b>	<b>445T</b>	<b>230/460</b>	<b>60</b>	<b>40°C</b>	<b>F</b>	<b>D</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>1140</b>	<b>88.2</b>	<b>90.0</b>	<b>89.0</b>	<b>84.0</b>	<b>86.0</b>	<b>83.0</b>	<b>74.5</b>	<b>29.0 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>72.8</b>		<b>36.4</b>	<b>242</b>	<b>121</b>	<b>1460</b>	<b>730</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>460</b>	<b>280</b>	<b>260</b>	<b>280</b>	<b>95</b>	<b>1181</b>	<b>1838</b>	<b>4.11</b>	<b>6.22</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>28</b>	<b>18</b>	<b>2</b>	<b>1</b>	<b>79</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31045QT1006R</b>	REVISION <b>0</b>
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