

TECO Westinghouse

ISSUED November 3, 2015	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEEAFP		CATALOG# QT1006R

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
100	74.6	6	445T	230/460	60	40°C	F	D	CONT.	1.15

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. %						
1140	88.2	90.0	89.0	84.0	86.0	83.0	74.5	29.0 KVAR

CURRENTS

NO LOAD		FULL LOAD				LOCKED ROTOR		NEMA KVA CODE LETTER
AT 230 VOLT		AT 460 VOLT	AT 230 VOLT		AT 460 VOLT	AT 230 VOLT	AT 460 VOLT	
72.8		36.4	242		121	1460	730	

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² lb-ft ²	NEMA LOAD WK ² lb-ft ²	MAX ALLOWABLE WK ² lb-ft ²	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec
460	280	260	280	95	1181	1838	4.11	6.22

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
28	18	2	1	79

APPROVED:

M. PRATER

DRAWING NO.

31045QT1006R

REVISION

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