

TECO Westinghouse

ISSUED November 3, 2015	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEEAFP		CATALOG# QT0406

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
40	29.8	6	365T	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. %						
1125	87.0	88.5	90.0	90.5	89.0	87.0	80.0	11.0 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	
27.6		13.8	95		48	580	290	

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
186	275	275	290	18	503	781	4.04	6.19

SAFE STALL
TIME IN
SECONDS

ALLOWABLE
STARTS
PER HOUR

SOUND
PRESSURE
LEVEL @ 3 FT
dB(A)

COLD	HOT	COLD	HOT	
17	12	2	1	72

APPROVED:

M. PRATER

DRAWING NO.

31045QT0406

REVISION **0**