

TECO Westinghouse

ISSUED November 3, 2015	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEEAFP	3-PHASE INDUCTION MOTOR	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		AT	AT	AT	AT	AT	AT		
230 VOLT		460 VOLT	230 VOLT	460 VOLT	230 VOLT	460 VOLT	230 VOLT		
27.6		13.8	95		48	580		290	G

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)

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
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