

TECO Westinghouse

ISSUED November 3, 2015	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEEAFP	3-PHASE INDUCTION MOTOR	CATALOG# QT7/56

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
7.5	5.6	6	254T	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. %						
1110	81.5	83.5	84.5	84.5	83.0	76.5	65.0	4.1 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	460 VOLT		
10.3		5.1	20.0		10.0	127		64	H

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
35.4	300	290	300	1.65	104	161	4.04	6.21

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	63

APPROVED:	M. PRATER	DRAWING NO.	31045QT7/56	REVISION 0
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