

TECO Westinghouse

ISSUED November 3, 2015	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEEAFP		CATALOG# QT0756

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
75	56.0	6	444T	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	87.7	89.5	88.5	84.0	86.0	83.0	74.5	22.0 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	
55.2		27.6	182		91	1090	545	

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
345	275	255	275	73.80	904	1406	4.27	6.46

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.

31045QT0756

REVISION **0**