

TECO Westinghouse

ISSUED December 16, 2005	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8N	3-PHASE INDUCTION MOTOR	CATALOG# EP2504R-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
250	186.5	4	449T	380	50	40°C	F	B	CONT.	1.00

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. %						
1480	95	94.1	94.8	94	87	85.5	81.3	80 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380	380	380	
VOLT	VOLT	VOLT	
100.00	346.12	1825.00	G

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR	NEMA	MAX	NEMA	MAX
				WR ²	LOAD	ALLOWABLE	LOAD	ALLOWABLE
				lb-ft ²	WK ²	WK ²	WK ²	WK ²
					lb-ft ²	lb-ft ²	Sec	Sec
886	88	72	168	83	1017	2034	4.59	8.83

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD		HOT		
27	18	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057EP2504R	REVISION 0
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