

TECO Westinghouse

ISSUED April 13, 2006	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8N	3-PHASE INDUCTION MOTOR	CATALOG# EP5004-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
500	373.0	4	5011B	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. %						
1484	95	95.8	95.4	93.6	89.8	88.8	83.8	80 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
100.00	659.00	3625.00	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 lb-ft ²	LOAD WK ² lb-ft ²	ALLOWABLE WK ² lb-ft ²	LOAD WK ² Sec	ALLOWABLE WK ² Sec
1769	80	80	176	210	2955	5910	6.56	12.69

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD		HOT		83
26	19	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057EP5004	REVISION	0
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