

TECO Westinghouse

ISSUED October 19, 2007	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8B	3-PHASE INDUCTION MOTOR	CATALOG# HB4002-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
400	298.4	2	5009A	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. %						
2971	94.6	95.4	95.0	93.6	91.4	90.3	86.8	61 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
76.20	520.00	2900.00	

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
707	68	68	184	65.7	497	994	5.85	11.01

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD		HOT	
28	20	2	1

APPROVED:	M. PRATER	DRAWING NO.	31057HB4002	REVISION 0
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