

TECO Westinghouse

ISSUED September 6, 2011	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHH8B		CATALOG# HB1506-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
150	111.9	6	447T	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. %						
984	93.7	94.6	94.4	93.6	84	81.5	74	61 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380	380	380	
VOLT	VOLT	VOLT	
76.70	216.01	1085.00	G

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
799.5	108	84	176	103	1719	3438	5.18	10.06

SAFE STALL
TIME IN
SECONDS

ALLOWABLE
STARTS
PER HOUR

SOUND
PRESSURE
LEVEL @ 3 FT
dB(A)

COLD	HOT	COLD	HOT	
29	20	2	1	

APPROVED:

M. PRATER

DRAWING NO.

31057HB1506

REVISION

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