

TECO Westinghouse

ISSUED January 19, 2009	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8BCF	3-PHASE INDUCTION MOTOR	CATALOG# HB0506C-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
50	37.3	6	365TC	380	50	40°C	F	C	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. %						
980	91.7	93.0	94.1	94.1	85.5	83.5	77.0	15 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
19.20	71.30	482.00	

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR	NEMA LOAD	MAX ALLOWABLE	NEMA LOAD	MAX ALLOWABLE
				WR ² lb-ft ²	WK ² lb-ft ²	WK ² lb-ft ²	WK ² Sec	WK ² Sec
267.9	180	145	200	21.38	962.59	1892.857143	6.61	12.87

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
32	22	2	1	75

APPROVED:	M. PRATER	DRAWING NO.	31057HB0506C-50	REVISION 0
-----------	------------------	-------------	------------------------	-------------------