

TECO Westinghouse

ISSUED <p style="text-align: center; color: red;">June 15, 2006</p>	<p style="color: red; font-size: 1.2em;">PERFORMANCE DATA</p> <p style="font-size: 1.2em;">3-PHASE INDUCTION MOTOR</p>	ENCLOSURE <p style="text-align: center; color: red;">TEFC</p> CATALOG# <p style="text-align: center; color: red;">E5008-50</p>
TYPE <p style="text-align: center; color: red;">AEHE</p>		

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
500	373.0	8	5810B	380	50	40°C	F	B	CONT.	1.00

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR		
	FULL LOAD		3/4 LOAD	1/2 LOAD	F. L.	3/4 LOAD	1/2 LOAD
	MIN. %	NOM. %	%	%	%	%	%
740	94.4	93.35	94.2	93	81.5	79	70

CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT 190 VOLTS	AT 380 VOLTS	AT 190 VOLTS	AT 380 VOLTS	AT 190 VOLTS	AT 380 VOLTS	
—	191.00	—	736.61	—	3625.00	

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
3547.30	80	80	170	625	16257.00	32514.00	8.91	17.49

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
25	19	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057E5008-50	REVISION 0
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