

ISSUED 03/13/12		PERFORMANCE DATA 3-PHASE INDUCTION MOTOR						
TYPE AEHH8B								
NAMEPLATE INFORMATION								
OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN
HP	KW							
150	112	8	449T	460	60	40°C	F	B
TYPICAL PERFORMANCE								
FULL LOAD RPM	EFFICIENCY				POWER FACTOR			
	FULL LOAD		3/4 LOAD %	1/2 LOAD %	F. L. %	3/4 LOAD %	1/2 LO %	
	MIN. %	NOM. %						
888	93.0	94.1	93.6	92.1	80	77	69	
CURRENTS					NEMA KVA CODE LETTER			
NO LOAD		FULL LOAD		LOCKED ROTOR				
72.2		187		1085		G		
TORQUE					INERTIA			
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		
887	120	100	200	166	3456	8640		
SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)				
COLD	HOT	COLD	HOT					
27	18	2	1	74				
APPROVED:		M. PRATER		DRAWING NO.		3A057HB1!		

ENCLOSURE

EFC

CATALOG#

IB1508

TIME RATING	SERVICE FACTOR
CONT.	1.15

AD	MAXIMUM POWER FACTOR CORRECTION
	58 KVAR

ACCEL TIME	
NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec
7.06	17.17

508	REVISION 0
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