

TECO Westinghouse

ISSUED December 16, 2005	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH	3-PHASE INDUCTION MOTOR	CATALOG# HH0022-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
2	1.5	2	145T	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. %						
2835	81.5	84	86.5	86.5	91.5	88.5	81	1 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
0.80	2.95	34.00	L

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR	NEMA	MAX ALLOWABLE WK ² lb-ft ²	NEMA	MAX ALLOWABLE WK ² Sec
				WR ² lb-ft ²	LOAD WK ² lb-ft ²		LOAD WK ² Sec	
3.704	230	205	255	0.064	3.70784	8	4.24	9.07

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD		HOT		61
17	12	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057HH0022	REVISION 0
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