

TECO Westinghouse

ISSUED June 10, 2014	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8B	3-PHASE INDUCTION MOTOR	CATALOG# HB0028

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
2	1.5	8	213T	460	60	40°C	F	C	CONT.	1.15

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. %						
865	82.5	85.5	84	82.5	64	55	42.5	2 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
460 VOLT	460 VOLT	460 VOLT	
2.36	3.42	25.00	

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
12.14	225	200	275	0.586	59	285	6.02	28.83

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	52
80	56	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057HB0028	REVISION 0
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