

TECO Westinghouse

ISSUED December 23, 2010	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHH8P		CATALOG# NP0204

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
20	14.9	4	256T	190/380	50	40°C	F	B	CONT.	1.0

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. %						
1460	89.5	91	91.7	92.4	88	86	80.5	6.14 KVAR

CURRENTS

NO LOAD		FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT		AT	AT	AT	AT	AT		
190 VOLT		380 VOLT	190 VOLT	380 VOLT	190 VOLT	380 VOLT		
15.42		7.71	56.60		28.30	388.00	194.00	H

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
71.92	165	125	210	2.871	153.207	245.7142857	5.82	9.27

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	65
17	12	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057NP0204-50	REVISION	0
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