

TECO Westinghouse

ISSUED October 24, 2017	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8N	3-PHASE INDUCTION MOTOR	CATALOG# EP0208

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
20	14.9	8	324T	230/460	60	40°C	F	B	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. %						
875	89.5	91	91.7	91.7	81	77	68	17 KVAR

CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	
230 VOLT	460 VOLT	230 VOLT	460 VOLT	230 VOLT	460 VOLT	
21.20	10.6	50.80	25.4	290.00	145	G

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
120	200	150	210	10.39	208	443	2.75	5.70

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	58
37	26	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057EP0208	REVISION 0
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