

TECO Westinghouse

ISSUED May 11, 2011	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHHXU		CATALOG# XP0206-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
20	14.92	6	286T	190/380	50	40°C	F	B	CONT.	1.00

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			
	FULL LOAD		3/4 LOAD	1/2 LOAD	F. L.	3/4 LOAD	1/2 LOAD	
	MIN. %	NOM. %	%	%	%	%	%	
960	86.5	88.5	90.5	91.5	85	85	80	

CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT 190 VOLTS	AT 380 VOLTS	AT 190 VOLTS	AT 380 VOLTS	AT 190 VOLTS	AT 380 VOLTS	
14.00	7.00	60.27	30.13	388.00	194.00	

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
109.39	160	115	180	7.961	407.10	756.45	7.39	13.61

SAFE STALL
TIME IN
SECONDS

ALLOWABLE
STARTS
PER HOUR

SOUND
PRESSURE
LEVEL @ 3 FT
dB(A)

COLD	HOT	COLD	HOT	
40	20	2	1	66

APPROVED:

M. PRATER

DRAWING NO.

31057XP0206-50

REVISION

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