

TECO Westinghouse

ISSUED November 26, 2019	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE EXPLOSION PROOF
TYPE AEHHXU		CATALOG# XP05045

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
50	37.3	4	326T	575	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. %						
1770	93.6	94.5	95	95	85.5	84.5	79	0.0 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
	AT 575 VOLT			AT 575 VOLT			AT 575 VOLT		
	11.20			46.32			290.00		

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
148.3	240	185	210	10.123	232	366.00	4.65	7.23

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	70
17	12	2	1	

APPROVED:

M. PRATER

DRAWING NO.

31057XP05045

REVISION **0**