

TECO Westinghouse

ISSUED October 18, 2018	PERFORMANCE DATA	ENCLOSURE EXPLOSION PROOF
TYPE AEHHXU	3-PHASE INDUCTION MOTOR	CATALOG# XP00225

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
2	1.5	2	145T	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. %						
3465	82.5	85.5	86	84.5	87	81.5	71	0.0 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT			AT			AT			
575 VOLT			575 VOLT			575 VOLT			
0.84			2.01			20.00			L

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
3.031	280	225	360	0.064	2.4	5.60	3.15	7.25

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.

31057XP00225

REVISION **0**