TECO Westinghouse

ISSUED	PERFORMANCE DATA	ENCLOSURE
February 18, 2013	3-PHASE INDUCTION MOTOR	TEFC
TYPE		CATALOG#
AEHH8N		EP1/525

NAMEPLATE INFORMATION

OUTPUT HP	OUTPUT KW	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
1.5	1.1	2	143T	575	60	40°C	F	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY FULL LOAD MIN. %	EFFICIENCY FULL LOAD NOM. %	EFFICIENCY 3/4 LOAD %	EFFICIENCY 1/2 LOAD %	POWER FACTOR F. L. %	POWER FACTOR 3/4 LOAD %	POWER FACTOR 1/2 LOAD %	MAXIMUM POWER FACTOR CORRECTION
3465	81.5	84	84	81.5	83.5	77	65	1 KVAR

CURRENTS NO LOAD AT VOLT	NO LOAD AT 575 VOLT	NO LOAD AT VOLT	FULL LOAD AT VOLT	FULL LOAD AT 575 VOLT	FULL LOAD AT VOLT	LOCKED ROTOR AT VOLT	LOCKED ROTOR AT 575 VOLT	LOCKED ROTOR AT VOLT	NEMA KVA CODE LETTER
	0.74			1.60			16.00		M

TORQUE FULL LOAD lb-ft	TORQUE LOCKED ROTOR %FLT	TORQUE PULL UP %FLT	TORQUE BREAK DOWN %FLT	INERTIA ROTOR WR^2 lb-ft^2	INERTIA NEMA LOAD WK^2 lb-ft^2	INERTIA MAX ALLOWABLE WK^2 lb-ft^2	ACCEL TIME NEMA LOAD WK^2 Sec	ACCEL TIME MAX ALLOWABLE WK^2 Sec
2.273	340	280	350	0.052	1.8	6.7	3.01	10.96

SAFE STALL TIME IN SECONDS COLD	SAFE STALL TIME IN SECONDS HOT	ALLOWABLE STARTS PER HOUR COLD	ALLOWABLE STARTS PER HOUR HOT	SOUND PRESSURE LEVEL @ 3 FT dB(A)
17	12	2	1	60

APPROVED:	M. PRATER	DRAWING NO.	31057EP1/525	REVISION 0