

TECO Westinghouse

ISSUED March 31, 2014	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHGTK		CATALOG# KG2002

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
200	150	2	449TS	2300/4160	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. %						
3580	94.1	95	93.4	92.3	88	87	84	64 KVAR

CURRENTS						NEMA KVA CODE LETTER
NO LOAD		FULL LOAD		LOCKED ROTOR		
AT 2300 VOLT	AT 4160 VOLT	AT 2300 VOLT	AT 4160 VOLT	AT 2300 VOLT	AT 4160 VOLT	
16.0	8.83	44.8	24.8	347	192	

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
293	140	133	200	35	172	344	5.03	9.21

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

APPROVED:	M. PRATER	DRAWING NO.	3A057KG2002T	REV. 1
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