TECO Westinghouse

ISSUED		ENCLOSURE
11/1/2018	**PERFORMANCE DATA**	WPI
TYPE	**3-PHASE INDUCTION MOTOR**	CATALOG#
AMRKNH		VHKP3504

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
350	261	4	5009	2300/4000	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	FULL LOAD	3/4 LOAD	1/2 LOAD	
	MIN%	NOM%	%	%	%	%	%	
1783	94.1	95.0	94.6	93.4	86.7	83.6	76.0	92.0 KVAR

CURRENTS						NEMA KVA CODE LETTER
NO LOAD		FULL LOAD		LOCKED ROTOR		
AT 2300 VOLT	AT 4000 VOLT	AT 2300 VOLT	AT 4000 VOLT	AT 2300 VOLT	AT 4000 VOLT	
23.1	13.3	82.0	47.2	554.0	318.6	G

TORQUE				INERTIA			ACCEL TIME	
FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR^2 $lb\text{-}ft^2$	NEMA LOAD WK^2 $lb\text{-}ft^2$	MAX ALLOWABLE WK^2 $lb\text{-}ft^2$	NEMA LOAD WK^2 Sec.	MAX ALLOWABLE WK^2 Sec.
1030	110	90	210	107	1373	2197	5.3	8.2

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
14	11	2	1	85

APPROVED:	K. Lo	DRAWING NO.	3A057VHKP3504	REV.