

TECO Westinghouse

ISSUED February 8, 2013	PERFORMANCE DATA	ENCLOSURE WPI
TYPE AMRCNH	3-PHASE INDUCTION MOTOR	CATALOG# VHP0504-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
50	37.3	4	326TP	190/380	50	40°C	F	B	CONT.	1.0

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. %						
1470	91.0	92.4	93.5	94.0	85.5	85.5	83.0	12.0 KVAR

CURRENTS

NO LOAD		FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	AT		
190 VOLT	380 VOLT	190 VOLT	380 VOLT	190 VOLT	380 VOLT	380 VOLT		
30.0	15.0	145.7	72.8	964.0	482.0	H		

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
178.6	175	140	175	8.624	361.2	397.6	6.08	6.68

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

DOWNTHRUST L10:8800 HOURS

COLD	HOT	COLD	HOT	72.4	5700
70	49	2	1		

APPROVED:	M. PRATER	DRAWING NO.	31057VHP0504-50	REVISION 0
-----------	------------------	-------------	------------------------	-------------------