

TECO Westinghouse

ISSUED February 8, 2013	PERFORMANCE DATA	ENCLOSURE WPI
TYPE AMRCNH	3-PHASE INDUCTION MOTOR	CATALOG# VHP1004-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
100	74.6	4	404TP	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	92.4	93.6	94.0	94.5	86.0	86.0	82.5	27.9 KVAR

CURRENTS

NO LOAD		FULL LOAD				LOCKED ROTOR		NEMA KVA CODE LETTER
AT	AT	AT		AT		AT	AT	
190 VOLT	380 VOLT	190 VOLT	380 VOLT	190 VOLT	380 VOLT	190 VOLT	380 VOLT	
70.0	35.0	285.3	142.6	1930.0	965.0			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
357.2	170	160	175	20.623	687.4	936.6	5.88	7.95

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

DOWNTHRUST L10:8800 HOURS

COLD	HOT	COLD	HOT		7900
17	12	2	1	76.1	

APPROVED:	M. PRATER	DRAWING NO.	31057VHP1004-50	REVISION 0
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