

TECO Westinghouse

ISSUED February 8, 2013	PERFORMANCE DATA	ENCLOSURE WP1
TYPE AMRCHN		CATALOG# VHP2504
3-PHASE INDUCTION MOTOR		

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
250	186.5	4	445TP20	230/460	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. %						
1782	95.0	95.8	95.4	94.5	86.5	83.0	80.0	70.4 KVAR

CURRENTS

NO LOAD				FULL LOAD				LOCKED ROTOR		NEMA KVA CODE LETTER
AT 230 VOLT		AT 460 VOLT		AT 230 VOLT		AT 460 VOLT		AT 230 VOLT	AT 460 VOLT	
-		88.40		566.0		283.0		-	1825.0	

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
735.00	125	105	205	65.00	1017	2034	5.30	10.27

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

DOWNTHRUST L10:8800 HOURS

COLD

HOT

COLD

HOT

76.0

13400

18

12

2

1

APPROVED:

M. PRATER

DRAWING NO.

31057VHP2504

REVISION **0**