

TECO Westinghouse

ISSUED 03/18/09	PERFORMANCE DATA	ENCLOSURE WP1
TYPE AMRCYC	3-PHASE INDUCTION MOTOR	CATALOG# VH3004

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
300	224	4	447TP	460	60	40	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. %	%	%	%	%	%	
1783	94.5	95.4	95.0	94.1	87.5	84.0	81.0	50 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
96.9	337	2200	G

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
883	125	105	205	73	1197	2394	5.18	10.06

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
20	15	2	1	85

APPROVED:	D. BRIGGS II	DRAWING NO.	31057VH3004	REVISION 0
-----------	---------------------	-------------	--------------------	-------------------