

TECO Westinghouse

ISSUED 01/07/09	PERFORMANCE DATA	ENCLOSURE WP1
TYPE AMRCYC	3-PHASE INDUCTION MOTOR	CATALOG# VH0104

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
10	7.5	4	215TP	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 %	
	NOM. %	MIN. %						
1740	89.5	87.5	90.5	90.5	86.5	82.0	72.5	2.16 KVAR

CURRENTS			NEMA KVA CODE LETTER
NO LOAD	FULL LOAD	LOCKED ROTOR	
9.4/4.7	24.2/12.1	162/81	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
30.17	215	190	260	0.783	52	156	4.48	13.44

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
30	21	2	1	

APPROVED:	D. BRIGGS II	DRAWING NO.	31057VH0104	REVISION 1
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