

TECO Westinghouse

ISSUED 01/07/09	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE WP1
TYPE AMRCYC		CATALOG# VH0604

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
60	45	4	364TP	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. %						
1770	93.6	92.4	93.6	93.1	84.5	81.5	73.5	10.56 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
46.0/23.0	142/71.0	870/435	

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
177.97	200	165	230	9.783	275	825	4.64	13.59

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	
17	12	2	1	75

APPROVED:

D. BRIGGS II

DRAWING NO.

31057VH0604

REVISION

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