

TECO Westinghouse

ISSUED June 1, 2011	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH8P	3-PHASE INDUCTION MOTOR	CATALOG# NP2004R

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
200	149.2	4	447T	380	50	40°C	F	B	CONT.	1.00

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. %						
1480	94.1	95	94.8	94	85.5	84	80	80 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
100.50	281.75	1450.00	G

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR	NEMA	MAX	NEMA	MAX
				WR ²	LOAD	ALLOWABLE	LOAD	ALLOWABLE
				lb-ft ²	WK ²	WK ²	WK ²	WK ²
					lb-ft ²	lb-ft ²	Sec	Sec
708.8	96	76	168	73.5	831	1662	4.62	8.87

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
28	19	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057NP2004R	REVISION 0
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