

TECO Westinghouse

ISSUED December 16, 2005	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHH	3-PHASE INDUCTION MOTOR	CATALOG# HH0156-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
15	11.2	6	284T	380	50	40°C	F	C	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. %						
970	88.5	90.2	91.7	92.4	85	83.5	77.5	5 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
6.06	22.20	154.00	
			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 lb-ft ²	LOAD WK ² lb-ft ²	ALLOWABLE WK ² lb-ft ²	LOAD WK ² Sec	ALLOWABLE WK ² Sec
81.19	175	135	200	6.823	310.432	691.4285714	7.03	15.48

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	64
29	20	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057HH0156	REVISION 0
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