

TECO Westinghouse

ISSUED August 17, 2005	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHE	3-PHASE INDUCTION MOTOR	CATALOG# E0/785

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
3/4	0.6	8	145T	575	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 %	
	MIN. %	NOM. %						
855	66	70	68	62	53.5	45	35	1 KVAR

CURRENTS

NO LOAD		FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT 575 VOLT		AT 575 VOLT			AT 575 VOLT			
1.02		1.50		10.00			P	

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
4.606	190	175	240	0.118	23	122	6.97	36.80

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
98	69	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057E0/785	REVISION 0
-----------	------------------	-------------	--------------------	-------------------