TECO Westinghouse

ISSUED	PERFORMANCE DATA	ENCLOSURE
December 16, 2005	3-PHASE INDUCTION MOTOR	TEFC
TYPE: AEHH		CATALOG#: HH0302-50

NAMEPLATE INFORMATION

OUTPUT HP	OUTPUT KW	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
30	22.4	2	286TS	380	50	40°C	F	B	CONT.	1.00

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY FULL LOAD MIN. %	EFFICIENCY FULL LOAD NOM. %	EFFICIENCY 3/4 LOAD %	EFFICIENCY 1/2 LOAD %	POWER FACTOR F. L. %	POWER FACTOR 3/4 LOAD %	POWER FACTOR 1/2 LOAD %	MAXIMUM POWER FACTOR CORRECTION
2925	89.5	91	91.7	91	91.5	90	90	5 KVAR

CURRENTS NO LOAD AT 380 VOLT	CURRENTS FULL LOAD AT 380 VOLT	CURRENTS LOCKED ROTOR AT 380 VOLT	NEMA KVA CODE LETTER
6.86	40.80	289.00	G

TORQUE FULL LOAD lb-ft	TORQUE LOCKED ROTOR %FLT	TORQUE PULL UP %FLT	TORQUE BREAK DOWN %FLT	INERTIA ROTOR WR^2 $lb\text{-}ft^2$	INERTIA NEMA LOAD WK^2 $lb\text{-}ft^2$	INERTIA MAX ALLOWABLE WK^2 $lb\text{-}ft^2$	ACCEL TIME NEMA LOAD WK^2 Sec	ACCEL TIME MAX ALLOWABLE WK^2 Sec
53.85	135	110	205	2.831	47.3678	104.2857143	5.39	11.51

SAFE STALL TIME IN SECONDS COLD	SAFE STALL TIME IN SECONDS HOT	ALLOWABLE STARTS PER HOUR COLD	ALLOWABLE STARTS PER HOUR HOT	SOUND PRESSURE LEVEL @ 3 FT dB(A)
24	17	2	1	77

APPROVED:	M. PRATER	DRAWING NO.	31057HH0302	REVISION 0