TECO Westinghouse

ISSUED	PERFORMANCE DATA	ENCLOSURE
September 26, 2005	3-PHASE INDUCTION MOTOR	TEFC
TYPE: AEVANE		CATALOG#: NV0254C-50

NAMEPLATE INFORMATION

OUTPUT HP	OUTPUT KW	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
25	18.7	4	284TC	190/380	50	40°C	F	C	CONT.	1

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
1445	89.5	91	92.4	93.6	90.5	90.5	88	4.2 KVAR

CURRENTS NO LOAD AT 190 VOLT	NO LOAD	NO LOAD AT 380 VOLT	FULL LOAD AT 190 VOLT	FULL LOAD	FULL LOAD AT 380 VOLT	LOCKED ROTOR AT 190 VOLT	LOCKED ROTOR	LOCKED ROTOR AT 380 VOLT	NEMA KVA CODE LETTER
10.56		5.28	68.80		34.40	486.00		243.00	H

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
90.84	150	125	200	4.425	188.908	300.00	5.99	9.43

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)
17	12	2	1	75

APPROVED:	M. PRATER	DRAWING NO.	31057N0254	REVISION 0