TECO Westinghouse

ISSUED	PERFORMANCE DATA	ENCLOSURE
April 4, 2013		TEFC
TYPE	3-PHASE INDUCTION MOTOR	CATALOG#
AEGPVM		WPV7/52C

NAMEPLATE INFORMATION

OUTPUT HP	OUTPUT KW	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
7.5	5.60	2	213TC	230/460	60	40°C	F	B	CONT.	1.15

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
3520	89.5	87.5	89	85	85	80	73	3 KVAR

CURRENTS NO LOAD AT 208 VOLT	NO LOAD AT 230 VOLT	NO LOAD AT 460 VOLT	FULL LOAD AT 208 VOLT	FULL LOAD AT 230 VOLT	FULL LOAD AT 460 VOLT	LOCKED ROTOR AT 208 VOLT	LOCKED ROTOR AT 230 VOLT	LOCKED ROTOR AT 460 VOLT	NEMA KVA CODE LETTER
9.29	8.40	4.20	20.50	19.00	9.50	139.33	126.00	63.00	H

TORQUE FULL LOAD lb-ft	TORQUE LOCKED ROTOR %FLT	TORQUE PULL UP %FLT	TORQUE BREAK DOWN %FLT	INERTIA ROTOR WR^2 lb-ft^2	INERTIA NEMA LOAD WK^2 lb-ft^2	INERTIA MAX ALLOWABLE WK^2 lb-ft^2	ACCEL TIME NEMA LOAD WK^2 Sec	ACCEL TIME MAX ALLOWABLE WK^2 Sec
11.1	185	220	260	0.92786	8.300	9.200	4.56	5.01

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)
12	10	2	1	81

APPROVED:	M. PRATER	DRAWING NO.	31057WPV7/52C	REVISION	0