

TECO Westinghouse

ISSUED <p style="text-align: center; color: red;">April 4, 2013</p>	<p style="color: red; font-size: 1.2em;">PERFORMANCE DATA</p> <p style="font-size: 1.2em;">3-PHASE INDUCTION MOTOR</p>	ENCLOSURE <p style="text-align: center; color: red;">TEFC</p> CATALOG# <p style="text-align: center; color: red;">WP1/52C</p>
TYPE <p style="text-align: center; color: red;">AEGP</p>		

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
1.5	1.12	2	145TC	230/460	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. %						
3500	84	81.5	83	78	90	86	78	1 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	AT	AT	AT	
208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT	
1.77	1.60	0.80	4.20	4.00	2.00	44.23	40.00	20.00	M

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
2.3	250	260	300	0.07261	1.8	2	3.70	4.10

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
12	10	2	1	76

APPROVED:	M. PRATER	DRAWING NO.	31057WP1/52C	REVISION	0
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