

TECO Westinghouse

ISSUED 11/15/06	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AECA	3-PHASE INDUCTION MOTOR 2 SPEED 1 WINDING, VARIABLE TORQUE	CATALOG# CP1504/8

NAMEPLATE INFORMATION

OUTPUT HP	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
150 / 37.5	4/8	447T	460	60	40°C	F	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			KVA CODE LETTER
	FULL LOAD		3/4 LOAD	1/2 LOAD	F. L.	3/4 LOAD	1/2 LOAD	
	MIN. %	NOM. %	%	%	%	%	%	
1770 / 880	92.1 / 89.1	93.0 / 90.0	92.0 / 88.0	90.0 / 84.0	90.0 / 62.0	87.0 / 55.0	74.0 / 42.0	G / H

CURRENTS		
NO LOAD	FULL LOAD	LOCKED ROTOR
AT 460 VOLT	AT 460 VOLT	AT 460 VOLT
38.1 / 29.3	168 / 62.9	1180 / 350

TORQUE				INERTIA		
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
445 / 224	120 / 130	108 / 117	220 / 220	62.2	640 / 948	960 / 1896

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
27 / 40	20 / 30	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057CP1504/8	REVISION	0
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