

TECO Westinghouse

ISSUED 02/03/12	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEEAGD	3-PHASE INDUCTION MOTOR	CATALOG# CD2504TR

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
250	187	4	449TZ	460	60	40°C	F	C	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. %	%	%	%	%	%		
1780	93.8	94.3	92.3	90.5	90.5	87.4	82.2	95	—

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
56.4	274	1970	G

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
737	200	160	250	84.06	1017	2034	6	12

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT
21	17	1	4

APPROVED:	M. PRATER	DRAWING NO.	3A057CD2504TR	REVISION 0
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