

TECO Westinghouse

ISSUED 03/07/05	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEEAGD		CATALOG# CD6006R

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
600	448	6	5810C	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. %	%	%	%	%	%	
1183	94.6	95.1	93.6	91.6	85.5	82.5	75.5	135 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
170	691	4350	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
2663	200	160	250	522	6030	12060	4.54	8.71

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	90
20	15	2	1	

APPROVED:

M. PRATER

DRAWING NO.

3A057CD6006R

REVISION **0**

DATE:
April 28, 2005

CONNECTION DIAGRAM

CATALOG NO.:
CD6006R



SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION



460 VOLT CONNECTION

WYE START-DELTA RUN CONNECTION



**LINE
460 VOLT START**



**LINE
460 VOLT RUN**