

TECO Westinghouse

ISSUED 2/22/2019	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE TEFC
TYPE AEHHGD		CATALOG# CDP3004RZ

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
300	223.8	4	586/7UZ	460	60	40°C	F	A	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			SOUND PRESSURE LEVEL @ 3 FT Db(A)
	FULL LOAD		3/4 LOAD %	1/2 LOAD %	FULL LOAD %	3/4 LOAD %	1/2 LOAD %	
	MIN.%	NOM.%						
1791	95.4	96.2	95.7	94.5	83.9	79.4	69.3	

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER	SAFE STALL TIME IN SECONDS	
AT 460 VOLT	AT 460 VOLT	AT 460 VOLT		COLD	HOT
139.3	348	2609	H	27	36

TORQUE

INERTIA

ACCEL TIME (DOL)

ALLOWABLE STARTS PER HOUR

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	COLD	HOT
880	200	190	250	179	1197	1621	4.4	5.7	2	1

APPROVED:	K. Lo	DRAWING NO.	31057CDP3004RZ	REVISION:	0
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