

# TECO Westinghouse

ISSUED <b>2/22/2019</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHHGD</b>		CATALOG# <b>CDP4504RZ</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>450</b>	<b>335.7</b>	<b>4</b>	<b>586/7UZ</b>	<b>460</b>	<b>60</b>	<b>40°C</b>	<b>F</b>	<b>A</b>	<b>CONT.</b>	<b>1.15</b>

### 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.%						
<b>1791</b>	<b>95.4</b>	<b>96.2</b>	<b>96</b>	<b>95.1</b>	<b>87.6</b>	<b>84.6</b>	<b>77.2</b>	

### 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
<b>157.5</b>	<b>500</b>	<b>3745</b>	<b>H</b>	<b>23</b>	<b>30</b>

### TORQUE

### INERTIA

### ACCEL TIME (DOL)

### ALLOWABLE STARTS PER HOUR

FULL LOAD (lb-ft)	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR <sup>2</sup> (lb-ft <sup>2</sup> )	NEMA LOAD WK <sup>2</sup> (lb-ft <sup>2</sup> )	MAX ALLOWABLE WK <sup>2</sup> (lb-ft <sup>2</sup> )	NEMA LOAD WK <sup>2</sup> Sec	MAX ALLOWABLE WK <sup>2</sup> Sec	COLD	HOT
<b>1320</b>	<b>200</b>	<b>190</b>	<b>250</b>	<b>258</b>	<b>1714</b>	<b>2304</b>	<b>4.2</b>	<b>5.4</b>	<b>2</b>	<b>1</b>

APPROVED:	<b>K. Lo</b>	DRAWING NO.	<b>31057CDP4504RZ</b>	REVISION:	<b>0</b>
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