

# TECO Westinghouse

ISSUED <b>May 22, 2007</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>ODP</b>
TYPE <b>ASHH</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>DHP1/54-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>1.5</b>	<b>1.1</b>	<b>4</b>	<b>145T</b>	<b>190/380</b>	<b>50</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.0</b>

### 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. %						
<b>1425</b>	<b>80.0</b>	<b>82.5</b>	<b>83.5</b>	<b>83.0</b>	<b>82.0</b>	<b>74.0</b>	<b>62.0</b>	<b>1.0 KVAR</b>

### CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT		AT	AT		AT	AT		AT	
190 VOLT		380 VOLT	190 VOLT		380 VOLT	190 VOLT		380 VOLT	
<b>2.60</b>		<b>1.30</b>	<b>5.02</b>		<b>2.51</b>	<b>54.00</b>		<b>27.00</b>	<b>N</b>

### TORQUE

### INERTIA

### ACCEL TIME

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
<b>5.53</b>	<b>180</b>	<b>145</b>	<b>235</b>	<b>0.093</b>	<b>13</b>	<b>53</b>	<b>5.64</b>	<b>22.88</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>62</b>	<b>43</b>	<b>2</b>	<b>1</b>	<b>45</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057DHP1/54-50</b>	REVISION	<b>0</b>
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