

# TECO Westinghouse

ISSUED <b>February 19, 2007</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>ODP</b>
TYPE <b>ASHH</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>DHP04025</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>40</b>	<b>29.8</b>	<b>2</b>	<b>286TS</b>	<b>575</b>	<b>60</b>	<b>40°C</b>	<b>F</b>	<b>B</b>	<b>CONT.</b>	<b>1.15</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>3535</b>	<b>91</b>	<b>92.4</b>	<b>93.6</b>	<b>94.1</b>	<b>91.5</b>	<b>90.5</b>	<b>86.5</b>	<b>6.7 KVAR</b>

### CURRENTS

NO LOAD		FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT 575 VOLT		AT 575 VOLT			AT 575 VOLT			
<b>6.72</b>			<b>35.40</b>			<b>232.00</b>	<b>G</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>59.4</b>	<b>210</b>	<b>170</b>	<b>250</b>	<b>2.127</b>	<b>40</b>	<b>51</b>	<b>3.85</b>	<b>4.85</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD		HOT		78
<b>17</b>	<b>12</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057DHP04025</b>	REVISION	<b>0</b>
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