



# TECO Westinghouse

ISSUED <b>June 7, 2007</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>ODP</b>
TYPE <b>ASHH</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>DHP03045</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>30</b>	<b>22.4</b>	<b>4</b>	<b>286T</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>1770</b>	<b>93.0</b>	<b>94.1</b>	<b>94.5</b>	<b>94.5</b>	<b>87.0</b>	<b>84.5</b>	<b>77.5</b>	<b>7.9 KVAR</b>

### CURRENTS

NO LOAD		FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT 575 VOLT		AT 575 VOLT			AT 575 VOLT			
<b>7.92</b>		<b>27.40</b>			<b>174.00</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>88.99</b>	<b>225</b>	<b>185</b>	<b>245</b>	<b>4.425</b>	<b>144</b>	<b>202</b>	<b>4.48</b>	<b>6.22</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

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

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057DHP03045</b>	REVISION <b>0</b>
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DATE:  
February 16, 2007

# CONNECTION DIAGRAM



**SCHEMATIC - Δ / Y CONNECTION**

## ACROSS THE LINE CONNECTION



## WYE START-DELTA RUN CONNECTION

