

# TECO Westinghouse

ISSUED <b>May 23, 2007</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>ODP</b>
TYPE <b>ASHH</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>DHP3502-50</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>350</b>	<b>261.1</b>	<b>2</b>	<b>447TS</b>	<b>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>2960</b>	<b>93.7</b>	<b>94.6</b>	<b>93.7</b>	<b>92.7</b>	<b>90.0</b>	<b>88.2</b>	<b>85.4</b>	<b>81.3 KVAR</b>

### CURRENTS

NO LOAD		FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT 380 VOLT		AT 380 VOLT			AT 380 VOLT			
<b>102.00</b>		<b>465.90</b>		<b>2550.00</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>621</b>	<b>80</b>	<b>73.6</b>	<b>160</b>	<b>33</b>	<b>443</b>	<b>443</b>	<b>5.97</b>	<b>5.97</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	90
<b>17</b>	<b>12</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057DHP3502-50</b>	REVISION <b>0</b>
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