

# TECO Westinghouse

ISSUED <b>June 18, 2007</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>WPI</b>
TYPE <b>ASHAPA</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>P1252</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>125</b>	<b>93</b>	<b>2</b>	<b>444TS</b>	<b>2300/4160</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>3550</b>	<b>89.5</b>	<b>91</b>	<b>90.2</b>	<b>88.5</b>	<b>90.2</b>	<b>87.5</b>	<b>82.5</b>	<b>26 KVAR</b>

### CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	
2300 VOLT	4160 VOLT	2300 VOLT	4160 VOLT	2300 VOLT	4160 VOLT	
<b>8.80</b>	<b>4.40</b>	<b>28.50</b>	<b>15.80</b>	<b>181.00</b>	<b>100.00</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>185.00</b>	<b>110</b>	<b>90</b>	<b>220</b>	<b>17</b>	<b>113</b>	<b>169</b>	<b>4.96</b>	<b>7.09</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT
<b>16</b>	<b>12</b>	<b>2</b>	<b>1</b>

APPROVED:

**M. PRATER**

DRAWING NO.

**3A057P1252**

REV. **1**