

# TECO Westinghouse

ISSUED <b>January 21, 2004</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>BECCFD</b>	<b>SINGLE PHASE MOTOR</b>	CATALOG# <b>S1/54C</b>

### NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
<b>1 1/2</b>	<b>1.12</b>	<b>145T</b>	<b>4</b>	<b>115/230</b>	<b>60</b>	<b>40°C</b>	<b>B</b>	<b>CONT.</b>	<b>1.15</b>

### TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY			POWER FACTOR		
	FULL LOAD %	3/4 LOAD %	1/2 LOAD %	F. L. %	3/4 LOAD %	1/2 LOAD %
<b>1740</b>	<b>70</b>	<b>66.5</b>	<b>60</b>	<b>63</b>	<b>56.9</b>	<b>45</b>

### CURRENTS

### CAPACITORS

NO LOAD		FULL LOAD		LOCKED ROTOR		STARTING		RUNNING	
AT 115 VOLT	AT 230 VOLT	AT 115 VOLT	AT 230 VOLT	AT 115 VOLT	AT 230 VOLT	MFD	VOLTS	MFD	VOLTS
<b>16.8</b>	<b>8.4</b>	<b>22.0</b>	<b>11.0</b>	<b>116.0</b>	<b>58.0</b>	<b>500</b>	<b>125</b>	-	-

### TORQUE

### INERTIA

### ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	BREAK DOWN %FLT
<b>4.5</b>	<b>350</b>	<b>260</b>

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>
<b>0.148</b>	<b>8.6</b>	<b>13.17</b>

NEMA LOAD WK <sup>2</sup> Sec	MAX ALLOWABLE WK <sup>2</sup> Sec
<b>4.17</b>	<b>6.35</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>8.5</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057S1/54C</b>	REVISION <b>0</b>
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