

# TECO Westinghouse

ISSUED <b>January 21, 2004</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>BECSFD</b>	<b>SINGLE PHASE MOTOR</b>	CATALOG# <b>S0034</b>

### NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
<b>3</b>	<b>2.24</b>	<b>182T</b>	<b>4</b>	<b>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>1760</b>	<b>74</b>	<b>70</b>	<b>52.6</b>	<b>63</b>	<b>56.3</b>	<b>45.6</b>

CURRENTS					CAPACITORS				
NO LOAD		FULL LOAD		LOCKED ROTOR		STARTING		RUNNING	
	AT 230 VOLT		AT 230 VOLT		AT 230 VOLT	MFD	VOLTS	MFD	VOLTS
	<b>16.1</b>		<b>21.0</b>		<b>156.0</b>	<b>300</b>	<b>250</b>	<b>20</b>	<b>440</b>

TORQUE		
FULL LOAD	LOCKED ROTOR	BREAK DOWN
lb-ft	%FLT	%FLT
<b>8.9</b>	<b>400</b>	<b>340</b>

INERTIA		
ROTOR	NEMA LOAD	MAX ALLOWABLE
WR <sup>2</sup>	WK <sup>2</sup>	WK <sup>2</sup>
lb-ft <sup>2</sup>	lb-ft <sup>2</sup>	lb-ft <sup>2</sup>
<b>0.35</b>	<b>17</b>	<b>22.1</b>

ACCEL TIME	
NEMA LOAD	MAX ALLOWABLE
WK <sup>2</sup>	WK <sup>2</sup>
Sec	Sec
<b>3.48</b>	<b>4.50</b>

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>10</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>67</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057S0034</b>	REVISION <b>0</b>
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