

TECO Westinghouse

ISSUED January 21, 2004	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE BECSFD	SINGLE PHASE FARM DUTY MOTORS	CATALOG# S7/54C

NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	INSULATION CLASS	RATED AMBIENT	TIME RATING	SERVICE FACTOR
HP	KW								
7 1/2	5.6	213T	4	230	60	F	40°C	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY			POWER FACTOR		
	FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD
	%	%	%	%	%	%
1740	80	76.6	70.8	84.5	75.8	66.4

CURRENTS		
NO LOAD	FULL LOAD	LOCKED ROTOR
20.5	36	218

CAPACITORS			
STARTING		RUNNING	
MFD	VOLTS	MFD	VOLTS
560	330	60	440

TORQUE		
FULL LOAD	LOCKED ROTOR	BREAK DOWN
lb-ft	%FLT	%FLT
22.6	350	240

INERTIA		
ROTOR	NEMA LOAD	MAX ALLOWABLE
WR ²	WK ²	WK ²
lb-ft ²	lb-ft ²	lb-ft ²
0.819	39	36.48

ACCEL TIME	
NEMA LOAD	MAX ALLOWABLE
WK ²	WK ²
Sec	Sec
3.93	3.68

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR	
COLD	HOT	COLD	HOT
9	4.5	2	1

SOUND PRESSURE LEVEL @ 3 FT dB(A)
66.5

APPROVED:	M. PRATER	DRAWING NO.	31057S7/54C	REVISION 0
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