

TECO Westinghouse

ISSUED January 21, 2004	PERFORMANCE DATA SINGLE PHASE FARM DUTY MOTORS	ENCLOSURE TEFC
TYPE BECSFD		CATALOG# S0054

NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	INSULATION CLASS	RATED AMBIENT	TIME RATING	SERVICE FACTOR
HP	KW								
5	4	184T	4	230	60	F	40°C	CONT.	1.15

TYPICAL PERMORMANCE

FULL LOAD RPM	EFFICIENCY			POWER FACTOR		
	FULL LOAD %	3/4 LOAD %	1/2 LOAD %	FULL LOAD %	3/4 LOAD %	1/2 LOAD %
1750	78.5	74.1	69.1	69	63.4	50.8

CURRENTS		
NO LOAD	FULL LOAD	LOCKED ROTOR
21.1	30	192

CAPACITORS			
STARTING		RUNNING	
MFD	VOLTS	MFD	VOLTS
400	250	25	440

TORQUE		
FULL LOAD lb-ft	LOCKED ROTOR %FLT	BREAK DOWN %FLT
15	340	300

INERTIA		
ROTOR WR ² lb-ft ²	NEMA LOAD WK ² lb-ft ²	MAX ALLOWABLE WK ² lb-ft ²
0.451	27	23.98

ACCEL TIME	
NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec
3.71	3.31

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR	
COLD	HOT	COLD	HOT
8	4	2	1

SOUND PRESSURE LEVEL @ 3 FT dB(A)
67

APPROVED:	M. PRATER	DRAWING NO.	31057S0054	REVISION 0
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