

TECO Westinghouse

ISSUED January 21, 2004	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE BECSFD	SINGLE PHASE MOTOR	CATALOG# S0034C

NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
3	2.24	182TC	4	230	60	40°C	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY			POWER FACTOR		
	FULL LOAD	3/4 LOAD	1/2 LOAD	F. L.	3/4 LOAD	1/2 LOAD
	%	%	%	%	%	%
1760	74	70	52.6	63	56.3	45.6

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

TORQUE		
FULL LOAD	LOCKED ROTOR	BREAK DOWN
lb-ft	%FLT	%FLT
8.9	400	340

INERTIA		
ROTOR	NEMA LOAD	MAX ALLOWABLE
WR ²	WK ²	WK ²
lb-ft ²	lb-ft ²	lb-ft ²
0.35	17	22.1

ACCEL TIME	
NEMA LOAD	MAX ALLOWABLE
WK ²	WK ²
Sec	Sec
3.48	4.50

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

APPROVED:	M. PRATER	DRAWING NO.	31057S0034C	REVISION 0
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