

TECO Westinghouse

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

NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
1 1/2	1.12	145T	4	115/230	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
	%	%	%	%	%	%
1740	70	66.5	60	63	56.9	45

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
16.8	8.4	22.0	11.0	116.0	58.0	500	125	-	-

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	BREAK DOWN %FLT
4.5	350	260

ROTOR WR ² lb-ft ²	NEMA LOAD WK ² lb-ft ²	MAX ALLOWABLE WK ² lb-ft ²
0.148	8.6	13.17

NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec
4.17	6.35

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
17	8.5	2	1	56.8

APPROVED:	M. PRATER	DRAWING NO.	31057S1/54	REVISION 0
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