

TECO Westinghouse

ISSUED January 21, 2004	PERFORMANCE DATA SINGLE PHASE MOTOR	ENCLOSURE TEFC
TYPE BEGCFD		CATALOG# S0/54

NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
1/2	0.37	56	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
	%	%	%	%	%	%
1755	58	53.4	45.2	58	48.6	40.4

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
9	4.5	9.4	4.7	53	26.50	250	125	-	-

TORQUE		
FULL LOAD lb-ft	LOCKED ROTOR %FLT	BREAK DOWN %FLT
1.5	450	350

INERTIA		
ROTOR WR ² lb-ft ²	NEMA LOAD WK ² lb-ft ²	MAX ALLOWABLE WK ² lb-ft ²
0.083	-	7.9

ACCEL TIME	
NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec
-	8.88

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
30	14.6	2	1	63.1

APPROVED:	M. PRATER	DRAWING NO.	31057S0/54	REVISION	0
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