

TECO Westinghouse

ISSUED August 17, 2023	PERFORMANCE DATA SINGLE PHASE MOTOR	ENCLOSURE TEFC
TYPE BEGS19		CATALOG# ST0054

NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
5	3.7	184T	4	208/230	60	40°C	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			KVA CODE
	MIN %	NOM %	3/4 LOAD %	1/2 LOAD %	F. L. %	3/4 LOAD %	1/2 LOAD %	
1740	81.4	84.0	80.0	72.0	94.0	94.0	92.0	G

CURRENTS						CAPACITORS CURRENTS			
NO LOAD		FULL LOAD		LOCKED ROTOR		STARTING		RUNNING	
AT 208 VOLT	AT 230 VOLT	AT 208 VOLT	AT 230 VOLT	AT 208 VOLT	AT 230 VOLT	MFD	VOLTS	MFD	VOLTS
NA	5.29	NA	20.4	NA	131	350	330	60	450

TORQUE		
FULL LOAD lb-ft	LOCKED ROTOR %FLT	BREAK DOWN %FLT
14.97	320	220

INERTIA
ROTOR WR ² lb-ft ²
0.4746

ALLOWABLE STARTS PER HOUR	
COLD	HOT
2	1

SOUND PRESSURE LEVEL @ 3 FT dB(A)
79

APPROVED:	A. GRAYSON	DRAWING NO.	31057ST0054	REVISION	0
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