

TECO Westinghouse

ISSUED August 17, 2023	PERFORMANCE DATA SINGLE PHASE MOTOR	ENCLOSURE TEFC
TYPE BEGS19		CATALOG# ST0034

NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
3	2.2	182T	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	79.7	82.5	79.0	72.0	92.0	91.0	87.0	H

CURRENTS			CAPACITORS CURRENTS			
NO LOAD	FULL LOAD	LOCKED ROTOR	STARTING		RUNNING	
AT 230 VOLT	AT 230 VOLT	AT 230 VOLT	MFD	VOLTS	MFD	VOLTS
4.00	12.6	88	250	330	40	450

TORQUE		
FULL LOAD lb-ft	LOCKED ROTOR %FLT	BREAK DOWN %FLT
8.9	350	240

INERTIA
ROTOR WR ² lb-ft ²
0.3559

ALLOWABLE STARTS PER HOUR	
COLD	HOT
2	1

SOUND PRESSURE LEVEL @ 3 FT dB(A)
79

APPROVED:	A. GRAYSON	DRAWING NO.	31057ST0034	REVISION	0
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