

TECO Westinghouse

ISSUED August 16, 2023	PERFORMANCE DATA SINGLE PHASE MOTOR	ENCLOSURE TEFC
TYPE BEGS19		CATALOG# ST0102

NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
10	7.5	215T	2	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	
	%	%	%	%	%	%	%	
3520	83.7	86.0	82.0	74.0	98.0	98.0	97.0	H

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	5.13	NA	38.7	NA	310	900	350	100	450

TORQUE		
FULL LOAD lb-ft	LOCKED ROTOR %FLT	BREAK DOWN %FLT
15	390	240

INERTIA
ROTOR WR ² lb-ft ²
0.6169

ALLOWABLE STARTS PER HOUR	
COLD	HOT
2	1

SOUND PRESSURE LEVEL @ 3 FT dB(A)
81

APPROVED:	A. GRAYSON	DRAWING NO.	31057ST0102	REVISION	0
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