

TECO Westinghouse

ISSUED August 16, 2023	PERFORMANCE DATA SINGLE PHASE MOTOR	ENCLOSURE TEFC
TYPE BEGS19		CATALOG# ST7/54

NAMEPLATE INFORMATION

OUTPUT		FRAME SIZE	POLES	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
7.5	5.6	213T	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	
	%	%	%	%	%	%	%	
1750	79.2	82.0	78.0	71.0	94.0	92.0	88.0	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
8.50	7.69	34.4	31.1	241	218	800	350	80	450

TORQUE		
FULL LOAD lb-ft	LOCKED ROTOR %FLT	BREAK DOWN %FLT
22.13	400	240

INERTIA
ROTOR WR ² lb-ft ²
0.902

ALLOWABLE STARTS PER HOUR	
COLD	HOT
2	1

SOUND PRESSURE LEVEL @ 3 FT dB(A)
81

APPROVED:	A. GRAYSON	DRAWING NO.	31057ST7/54	REVISION	0
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