

TECO Westinghouse

ISSUED April 24, 2020	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AFHP	CRUSHER DUTY MOTOR	CATALOG# KPF12508

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
1250	933	8	6812	2300/4000	60	40°C	F	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			MAXIMUM POWER FACTOR CORRECTION
	FULL LOAD		3/4 LOAD %	1/2 LOAD %	F. L. %	3/4 LOAD %	1/2 LOAD %	
	MIN. %	NOM. %						
891	94.8	95.6	95.3	94.3	77.4	72.5	61.7	555.7 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT		AT	AT		AT	AT		AT	
2300 VOLT		4000 VOLT	2300 VOLT		4000 VOLT	2300 VOLT		4000 VOLT	
139.5		80.2	316.5		182.0	1977		1137	G

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² lb-ft ²	NEMA LOAD WK ² lb-ft ²	MAX ALLOWABLE WK ² lb-ft ²	NEMA LOAD WK ² Sec	MAX ALLOWABLE WK ² Sec
7370	100	90	200	1206	23386	37417.6	6.44	10.11

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
13.5	10.5	2	1	83

APPROVED:	D. Lu	DRAWING NO.	31057KPF12508	REVISION 0
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