

TECO Westinghouse

ISSUED 11/02/18	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AMRCED	3-PHASE INDUCTION MOTOR	CATALOG# VSP8004

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
800	597	4	5810	460	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. %						
1780	95.4	96.0	95.5	95.0	90.7	90.2	89.0	144 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
180.7	859	6326	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
2362	100	90	200	426	2815	3378	5.29	6.20

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	dB(A)
16.5	13.5	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057VSP8004	REVISION 00
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