TECO Westinghouse

ISSUED		ENCLOSURE
August 25, 2017	**PERFORMANCE DATA**	TEFC
TYPE	**3-PHASE INDUCTION MOTOR**	CATALOG#
AEHCEC		VSKTP6004

NAMEPLATE INFORMATION

OUTPUT HP	OUTPUT KW	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
600	448	4	5810	2300/4000	60	40°C	F	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			MAXIMUM POWER FACTOR CORRECTION
	FULL LOAD MIN. %	FULL LOAD NOM. %	3/4 LOAD %	1/2 LOAD %	F. L. %	3/4 LOAD %	1/2 LOAD %	
1785	94.9	95.7	95.6	94.9	84.2	80.8	72.5	176 KVAR

CURRENTS						NEMA KVA CODE LETTER
NO LOAD		FULL LOAD		LOCKED ROTOR		
AT 2300 VOLT	AT 4000 VOLT	AT 2300 VOLT	AT 4000 VOLT	AT 2300 VOLT	AT 4000 VOLT	
44.3	25.4	139.9	80.4	950	546	G

TORQUE				INERTIA			ACCEL TIME	
FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR^2 $lb\text{-}ft^2$	NEMA LOAD WK^2 $lb\text{-}ft^2$	MAX ALLOWABLE WK^2 $lb\text{-}ft^2$	NEMA LOAD WK^2 Sec	MAX ALLOWABLE WK^2 Sec
1760	100	90	210	303	2202	3303	5.32	7.66

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
14	11	2	1	85

APPROVED:	M. PRATER	DRAWING NO.	31059VSKTP6004	REV. 0