TECO Westinghouse

ISSUED	PERFORMANCE DATA	ENCLOSURE
12/27/13	3-PHASE INDUCTION MOTOR	TEFC
TYPE		CATALOG#
AETHCF		GPV0014C

NAMEPLATE INFORMATION

OUTPUT HP	OUTPUT KW	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
1	0.75	4	143TC	230/460	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 %	
1750	82.5	85.5	83.0	79.5	79.0	71.0	58.0	0.72 KVAR

CURRENTS									NEMA KVA CODE LETTER
NO LOAD			FULL LOAD			LOCKED ROTOR			
AT 208 VOLT	AT 230 VOLT	AT 460 VOLT	AT 208 VOLT	AT 230 VOLT	AT 460 VOLT	AT 208 VOLT	AT 230 VOLT	AT 460 VOLT	
1.47	1.80	0.90	3.07	2.77	1.39	27.13	30.00	15.00	N

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
3	275	235	350	0.1	5.8	17.4	3.94	11.70

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
40	28	2	1	54

APPROVED:	M. PRATER	DRAWING NO.	31057GPV0014C	REVISION 0

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