TECO Westinghouse

ISSUED	PERFORMANCE DATA	ENCLOSURE
7/18/2023	3-PHASE INDUCTION MOTOR	TEFC
TYPE		CATALOG#
AEHH8B		HB0608

NAMEPLATE INFORMATION

OUTPUT HP	OUTPUT KW	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
60	44.8	6	404T	460	60	50°C	F	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY FULL LOAD MIN.%	EFFICIENCY FULL LOAD NOM.%	EFFICIENCY 3/4 LOAD %	EFFICIENCY 1/2 LOAD %	POWER FACTOR FULL LOAD %	POWER FACTOR 3/4 LOAD %	POWER FACTOR 1/2 LOAD %	SOUND PRESSURE LEVEL @ 3 FT Db(A)
885	91.7	93	93.6	93.6	81	78.5	68	73

CURRENTS NO LOAD AT 460 VOLT	CURRENTS FULL LOAD AT 460 VOLT	CURRENTS LOCKED ROTOR AT 460 VOLT	NEMA KVA CODE LETTER	SAFE STALL TIME IN SECONDS COLD	SAFE STALL TIME IN SECONDS HOT
17.1	74.60	435	G	33	23

TORQUE FULL LOAD (lb-ft)	TORQUE LOCKED ROTOR %FLT	TORQUE PULL UP %FLT	TORQUE BREAK DOWN %FLT	INERTIA ROTOR WR^2 ($lb\text{-}ft^2$)	INERTIA NEMA LOAD WK^2 ($lb\text{-}ft^2$)	INERTIA MAX ALLOWABLE WK^2 ($lb\text{-}ft^2$)	ACCEL TIME (DOL) NEMA LOAD WK^2 Sec	ACCEL TIME (DOL) MAX ALLOWABLE WK^2 Sec	ALLOWABLE STARTS PER HOUR COLD	ALLOWABLE STARTS PER HOUR HOT
356.00	200	180	230	32.55	1473	3124	6.13	12.85	2	1

APPROVED:	M. PRATER	DRAWING NO.	31057HB0608	REVISION:	0