TECO Westinghouse

ISSUED	PERFORMANCE DATA	ENCLOSURE
February 8, 2022	3-PHASE INDUCTION MOTOR	TEFC
TYPE		CATALOG#
AEHHGD		CDP1508R

NAMEPLATE INFORMATION

OUTPUT HP	OUTPUT KW	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
150	111.9	8	449TZ	460	60	40°C	F	C	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 F. L. %	POWER FACTOR 3/4 LOAD %	POWER FACTOR 1/2 LOAD %	MAXIMUM POWER FACTOR CORRECTION
890	93.0	94.1	94.1	94.1	80.0	77.0	69.0	0.0 KVAR

CURRENTS NO LOAD AT 230 VOLT	CURRENTS NO LOAD AT 460 VOLT	CURRENTS FULL LOAD AT 230 VOLT	CURRENTS FULL LOAD AT 460 VOLT	CURRENTS LOCKED ROTOR AT 230 VOLT	CURRENTS LOCKED ROTOR AT 460 VOLT	NEMA KVA CODE LETTER
--	58.3	--	188.8	--	1085.0	G

TORQUE FULL LOAD lb-ft	TORQUE LOCKED ROTOR %FLT	TORQUE PULL UP %FLT	TORQUE BREAK DOWN %FLT	INERTIA ROTOR WR^2 lb-ft^2	INERTIA NEMA LOAD WK^2 lb-ft^2	ACCEL TIME NEMA LOAD WK^2 Sec
884.91	220	160	250	166.00	3460	5.5

SAFE STALL TIME IN SECONDS COLD	SAFE STALL TIME IN SECONDS HOT	ALLOWABLE STARTS PER HOUR COLD	ALLOWABLE STARTS PER HOUR HOT	SOUND PRESSURE LEVEL @ 3 FT dB(A)
20	15	2	1	78

APPROVED:	K. Lo	DRAWING NO.	31057CDP1508R	REVISION 1