

TECO Westinghouse

ISSUED 08/25/04	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEHBUA	3-PHASE INDUCTION MOTOR	CATALOG# M0754R

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INSULATION CLASS	TIME RATING	SERVICE FACTOR
HP	KW								
75	55.0	4	250SC	230/460	60	40°C	F	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. %	%	%	%	%	%	
1785	94.1	95	95	94.5	87	84.5	78	20 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR		
AT	AT	AT	AT	AT	AT	AT	AT	AT
208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT	208 VOLT	230 VOLT	460 VOLT
54.18	49.00	24.50	187.98	170.00	85.00	1426.44	1290.00	645.00

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
220.6	260	220	270	23.2	338	760	3.98	8.63

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	78
18	9	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057M0754R	REVISION 0
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