

TECO Westinghouse

ISSUED January 19, 2009	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AEUH8BDC	3-PHASE INDUCTION MOTOR	CATALOG# HBV7/56C-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
8	5.6	6	254TC	380	50	40°C	F	C	CONT.	1.00

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. %						
960	87.5	89.5	90.2	91.0	85.0	81.5	73.5	3 KVAR

CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
AT	AT	AT	
380 VOLT	380 VOLT	380 VOLT	
3.93	11.20	84.00	H

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR	NEMA LOAD	MAX ALLOWABLE	NEMA LOAD	MAX ALLOWABLE
				WR ² lb-ft ²	WK ² lb-ft ²	WK ² lb-ft ²	WK ² Sec	WK ² Sec
41.02	170	155	210	2.158	161.342	446.1428571	6.97	19.10

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
36	25	2	1	59

APPROVED:	M. PRATER	DRAWING NO.	31057HBV7/56C-50	REVISION 0
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