



ISSUED February 17, 2004	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE ODP
TYPE ASFAP		CATALOG# Q0506

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
50	37	6	404T	230/460/796	60	40°C	F	D	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. %						
1135	86.5	88.5	90.2	91	89.5	87	80.5	8 KVAR

CURRENTS									NEMA KVA CODE LETTER
NO LOAD			FULL LOAD			LOCKED ROTOR			
AT 230 VOLT	AT 460 VOLT	AT 796 VOLT	AT 230 VOLT	AT 460 VOLT	AT 796 VOLT	AT 230 VOLT	AT 460 VOLT	AT 796 VOLT	
33.60	16.80	9.71	118.00	59.10	34.20	725.00	362.50	209.48	

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
231	275	235	320	20.554	620	867	3.81	5.28

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSUE LEVEL @ 3 FT Db(A)
COLD	HOT	COLD	HOT	
17	12	2	1	
				73

APPROVED:	M. PRATER	DRAWING NO.	3A057Q0506	REVISION 0
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