

TECO Westinghouse

ISSUED February 17, 2004	PERFORMANCE DATA	ENCLOSURE ODP
TYPE ASFAPP	3-PHASE INDUCTION MOTOR	CATALOG# Q1006R

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
100	75	6	444T	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	84	86.5	86	84	82	78	70	22 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
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	
96.00	48.00	27.74	264.00	132.00	76.28	1450.00	725.00	418.97	

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
462	275	220	200	44.9	1181	2953	4.69	11.48

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSUE LEVEL @ 3 FT Db(A)
COLD	HOT	COLD	HOT	
15	10	2	1	

APPROVED:	M. PRATER	DRAWING NO.	3A057Q1006R	REVISION 0
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