

TECO Westinghouse

ISSUED February 17, 2004	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE ODP
TYPE ASFAPP		CATALOG# Q7/56

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
7.5	5.6	6	254T	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. %	%	%	%	%	%	
1115	82.5	85.5	86.5	86.5	82	76	63.5	2 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	AT	AT	AT	
230 VOLT	460 VOLT	796 VOLT	230 VOLT	460 VOLT	796 VOLT	230 VOLT	460 VOLT	796 VOLT	
10.30	5.15	2.98	20.00	10.00	5.78	127.00	63.50	36.70	H

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
35.3	275	270	285	1.6527	104	216	4.32	8.90

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSUE LEVEL @ 3 FT Db(A)

COLD	HOT	COLD	HOT	57
17	12	2	1	

APPROVED:

M. PRATER

DRAWING NO.

3A057Q7/56

REVISION **0**