

TECO Westinghouse

ISSUED 8/25/2004	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE ODP
TYPE ASGAJM		CATALOG# DJM1/54

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
1.5	1.1	4	145T	230/460	60	40°C	F	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY				POWER FACTOR			MAXIMUM POWER FACTOR CORRECTION
	FULL LOAD		3/4 LOAD %	1/2 LOAD %	FULL LOAD %	3/4 LOAD %	1/2 LOAD %	
	MIN%	NOM%						
1735	81.5	84	84	82.2	84	79.2	68.5	1.409 KVAR

CURRENTS

NO LOAD				FULL LOAD				LOCKED ROTOR				NEMA KVA CODE LETTER
AT 200 VOLT	AT 208 VOLT	AT 230 VOLT	AT 460 VOLT	AT 200 VOLT	AT 208 VOLT	AT 230 VOLT	AT 460 VOLT	AT 200 VOLT	AT 208 VOLT	AT 230 VOLT	AT 460 VOLT	
2.0	2.0	1.8	0.9	4.6	4.6	4.6	2.0	40.3	40.3	40.3	17.5	L

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.
4.539	245	205	315	0.132	8.6	19.05	4.24	9.30

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
42	29	2	1	55

APPROVED:	M. PRATER	DRAWING NO.	31057DJM1/54	REV. 0
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