

TECO Westinghouse

ISSUED 8/25/2004	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE ODP
TYPE ASGANEJM		CATALOG# DJM0054

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
5	3.7	4	184T	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%						
1740	85.5	87.5	88	87.5	81.5	76	65	5.236 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	
7.6	7.3	6.6	3.3	15.1	15.1	15.1	6.6	105.8	105.8	105.8	46.0	

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.
15.09	200	165	280	0.345	27	75.40	4.58	12.70

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
25	17	2	1	60

APPROVED:	M. PRATER	DRAWING NO.	31057DJM0054	REV. 0
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