



ISSUED 10/7/2015	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE ODP
TYPE ASGHPE		CATALOG# DSP0014

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
1	0.75	4	56	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%						
1750	82.5	85.5	85.0	82.0	75.5	67.0	54.0	0.68 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	
VOLT	VOLT	VOLT	VOLT	VOLT	VOLT	VOLT	VOLT	VOLT	VOLT	VOLT	VOLT	
1.51	1.64	2.0	1.0	3.34	3.21	2.9	1.5	34.5	33.2	30.0	15.0	N

TORQUE

INERTIA

ACCEL TIME

FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	ROTOR	NEMA LOAD	MAX ALLOWABLE	NEMA LOAD	MAX ALLOWABLE
lb-ft	%FLT	%FLT	%FLT	WR ² lb-ft ²	WK ² lb-ft ²	WK ² lb-ft ²	WK ² Sec.	WK ² Sec.
3.00	365	310	410	0.1	5.8	29.1	3.25	16.09

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
46	32	2	1	53

APPROVED:	M. PRATER	DRAWING NO.	31057DSP0014	REV. 0
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