



ISSUED May 23, 2007	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE ODP
TYPE ASHH		CATALOG# DHP1504R-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
150	111.9	4	444T	380	50	40°C	F	B	CONT.	1.0

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. %	%	%	%	%	%	
1470	94.2	95.0	94.5	93.6	86.0	83.0	78.5	47.2 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
	AT 380 VOLT			AT 380 VOLT			AT 380 VOLT		
	59.20			208.10			1085.00		
									G

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
536	108	91.2	168	46	998	1497	6.80	10.05

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	80
15	10	2	1	

APPROVED:

M. PRATER

DRAWING NO.

31057DHP1504R-50 REVISION **0**