

TECO Westinghouse

ISSUED May 23, 2007	PERFORMANCE DATA	ENCLOSURE ODP
TYPE ASHH	3-PHASE INDUCTION MOTOR	CATALOG# DHP2504R-50

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
250	186.5	4	447T	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. %						
1475	94.2	95.0	94.6	93.7	87.0	83.5	80.5	69.6 KVAR

CURRENTS

NO LOAD		FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
AT 380 VOLT		AT 380 VOLT			AT 380 VOLT			
87.40			342.80			1825.00	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
890	100	84	164	65	1590	2385	6.75	9.99

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	82
16	10	2	1	

APPROVED:	M. PRATER	DRAWING NO.	31057DHP2504R-50	REVISION 0
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