TECO Westinghouse

ISSUED	PERFORMANCE DATA	ENCLOSURE
05/07/07		ODP
TYPE	3-PHASE INDUCTION MOTOR	CATALOG#
ASHH		DHP2504

NAMEPLATE INFORMATION

OUTPUT HP	OUTPUT KW	POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
250	187	4	447T	460	60	40°C	F	B	CONT.	1.15

TYPICAL PERFORMANCE

FULL LOAD RPM	EFFICIENCY FULL LOAD MIN. %	EFFICIENCY FULL LOAD NOM. %	EFFICIENCY 3/4 LOAD %	EFFICIENCY 1/2 LOAD %	POWER FACTOR F. L. %	POWER FACTOR 3/4 LOAD %	POWER FACTOR 1/2 LOAD %	MAXIMUM POWER FACTOR CORRECTION
1782	95	95.8	95.4	94.5	87	83.5	80.5	70 KVAR

CURRENTS NO LOAD	CURRENTS FULL LOAD	CURRENTS LOCKED ROTOR	NEMA KVA CODE LETTER
88.4	281	1825	G

TORQUE FULL LOAD lb-ft	TORQUE LOCKED ROTOR %FLT	TORQUE PULL UP %FLT	TORQUE BREAK DOWN %FLT	INERTIA ROTOR WR^2 $lb\text{-}ft^2$	INERTIA NEMA LOAD WK^2 $lb\text{-}ft^2$	INERTIA MAX ALLOWABLE WK^2 $lb\text{-}ft^2$	ACCEL TIME NEMA LOAD WK^2 Sec	ACCEL TIME MAX ALLOWABLE WK^2 Sec
737	125	105	205	65	1017	2034	5.28	10.25

SAFE STALL TIME IN SECONDS COLD	SAFE STALL TIME IN SECONDS HOT	ALLOWABLE STARTS PER HOUR COLD	ALLOWABLE STARTS PER HOUR HOT	SOUND PRESSURE LEVEL @ 3 FT dB(A)
18	12	2	1	82

APPROVED:	M. PRATER	DRAWING NO.	3A057DHP2504	REVISION 0

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