

TECO Westinghouse

ISSUED June 7, 2007	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE ODP
TYPE ASHH		CATALOG# DHP00545

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
5	3.7	4	184T	575	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	F. L.	3/4 LOAD	1/2 LOAD	
	MIN. %	NOM. %						
1740	87.5	89.5	90.2	90.2	84.5	81	71.5	1.8 KVAR

CURRENTS

NO LOAD			FULL LOAD			LOCKED ROTOR			NEMA KVA CODE LETTER
	AT 575 VOLT			AT 575 VOLT			AT 575 VOLT		
	2.04			4.95			36.80		

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	195	190	300	0.404	27	70	4.43	11.38

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	53
30	21	2	1	

APPROVED:

M. PRATER

DRAWING NO.

31057DHP00545

REVISION **0**