

ELECTRIC VEHICLE APPLICATION GUIDE

S-2 THERMAL TESTS PER DIN & ISO STANDARDS

TEST VOLTAGE **75 VOLTS - .031**
 96 VOLTS - .031
 120 VOLTS - .031
 144 VOLTS - .031

	Time – On	Volts	Amps	RPM	H.P.	KW	
X91-4001 6.7" Dia. Motor Weight 82 lbs. 38kg	5 minutes	68	235	1940	17	12.85	
	1 hour	71	135	2480	11.1	8.40	
	Continuous	71.5	121	2600	10	7.55	
	Peak Hp. Developed 32						
	5 minutes	90	200	2700	20.2	15.35	
	1 hour	92.5	125	3650	12.85	9.70	
	Continuous	93	110	3800	12.0	9.05	
	Peak HP. Developed 52						
	L91-4003 6.7" Dia. Motor Weight 82 lbs. 38 kg	5 minutes	66	300	2820	22.0	16.6
		1 hour	70	160	3750	13.0	10.5
Continuous		71	140	4000	11.5	8.7	
Peak HP. Developed 38							
5 minutes		87	280	3650	26.4	20.00	
1 hour		91	150	4950	15.0	11.40	
Continuous		92	130	5100	13.6	10.25	
Peak HP. Developed 62							
5 minutes		112	260	4650	31.0	23.40	
1 hour		115	135	6200	17.9	13.50	
Continuous	116	122	6500	16.0	12.00		
Peak HP. Developed 72							
203-06-4001 8" Dia. Motor Weight 107 lbs. 49kg.	5 minutes	64	360	2750	26.2	19.8	
	1 hour	68.5	218	3650	17.5	13.2	
	Continuous	69	200	3750	16.0	12.1	
	Peak HP. Developed 42						
	5 minutes	86	322	3600	31.5	23.80	
	1 hour	90	190	4800	20.6	15.50	
	Continuous	91	178	5000	19.0	14.40	
	Peak HP. Developed 68						
	5 minutes	111	300	4650	37.0	28.0	
	1 hour	114	180	6200	24.0	18.00	
Continuous	115	165	6500	21.7	16.30		
Peak HP. Developed 83							