

ELECTRIC MOTOR FULL LOAD AMP

Van der Graaf Drum Motors

TM100

RPM	1740			1125		850												
HP	0.25	0.16	0.14	0.16	0.11	0.11												
Full Load Amps at:																		
240v	1.16	0.80	0.72	0.80	0.64	0.72												
480v	0.58	0.40	0.36	0.40	0.32	0.36												
600v	0.45	0.32	0.29	0.36	0.26	0.32												

TM113

RPM	3400		1740				1125	850										
HP	0.5	0.34	0.5	0.34	0.25	0.16	0.25	0.16	0.11									
Full Load Amps at:																		
240v	1.80	1.52	2.00	1.62	1.16	0.72	1.16	0.90	0.80									
480v	0.90	0.76	1.00	0.81	0.58	0.36	0.58	0.45	0.40									
600v	0.72	0.60	0.81	0.64	0.40	0.29	0.45	0.36	0.32									

TM127

RPM	3400			1740				1125		850		550						
HP	1.0	0.75	0.5	1.5	1.0	0.75	0.5	0.34	0.75	0.5	0.5	0.34	0.18					
Full Load Amps at:																		
240v	4.08	3.24	2.88	4.90	3.16	2.50	2.28	1.80	2.88	2.28	2.50	1.62	1.62					
480v	2.04	1.62	1.44	2.45	1.58	1.25	1.14	0.90	1.44	1.14	1.25	0.81	0.81					
600v	1.62	1.28	1.14	1.96	1.25	1.00	0.91	0.81	1.14	0.90	1.00	0.64	0.64					

TM160

RPM	3400	1740				1125				850			550					
HP	3.0	2.0	1.5	1.0	0.75	1.0	0.75	0.5	0.34	0.75	0.5	0.34	0.18	0.18	0.13			
Full Load Amps at:																		
240v	8.38	6.10	5.78	4.60	3.66	5.14	3.66	2.88	1.82	2.88	2.28	2.04	1.44	1.62	1.44			
480v	4.19	3.05	2.89	2.30	1.83	2.57	1.83	1.44	0.91	1.44	1.14	1.02	0.72	0.81	0.72			
600v	3.35	2.42	2.30	1.83	1.44	2.04	1.44	1.14	0.76	1.14	0.91	0.81	0.57	0.65	0.57			

TM215

RPM	3400		1740				1125				850				550			
HP	7.5	5.5	5.0	4.0	3.0	2.0	1.5	3.0	2.0	1.5	1.0	0.75	1.5	1.0	0.75	0.5	0.75	0.5
Full Load Amps at:																		
240v	20.06	13.96	12.26	10.60	8.25	8.14	5.78	9.26	9.74	7.74	5.78	4.58	7.32	5.78	4.60	3.66	4.54	4.08
480v	10.03	6.98	6.13	5.30	4.13	4.07	2.89	4.63	4.87	3.87	2.89	2.29	3.66	2.89	2.30	1.83	2.27	2.04
600v	8.04	5.60	4.95	4.34	3.30	3.24	2.30	3.65	3.87	2.89	2.30	1.83	2.88	2.30	1.82	1.44	1.83	1.62

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TM315

RPM	3400	1740					1125				850			550				
HP	15.0	10.0	7.5	5.5	4.0	3.0	5.0	4.0	3.0	2.0	3.0	2.0	1.5	2.0				
Full Load Amps at:																		
240v	34.62	25.00	19.40	14.00	11.62	8.40	13.20	11.10	8.36	6.58	9.34	6.80	6.00	11.56				
480v	17.31	12.50	9.70	7.00	5.81	4.20	6.60	5.55	4.18	3.29	4.67	3.40	2.80	5.78				
600v	14.01	10.00	7.40	5.70	4.64	3.36	5.28	4.42	3.29	2.63	3.70	2.72	2.24	4.60				

TM400

RPM	1740						1125		850		550							
HP	20.0	15.0	10.0	7.5	5.5	4.0	7.5	5.5	4.0	3.0	3.0	2.0						
Full Load Amps at:																		
240v	52.00	36.00	24.30	18.40	13.40	10.00	19.35	14.20	11.20	9.20	9.60	6.80						
480v	24.25	18.00	12.15	9.20	6.70	5.00	9.67	7.10	5.60	4.60	4.80	3.40						
600v	19.58	14.50	9.72	7.36	5.36	4.00	7.60	6.00	4.50	3.70	4.00	2.83						

TM500A60

RPM	1740						1150		875		575							
HP	20.0	15.0	10.0	7.5	5.5	4.0	7.5	5.5	4.0	3.0	3.0	2.0						
Full Load Amps at:																		
240v	52.00	36.00	24.30	18.40	13.40	10.00	19.35	14.20	11.20	9.20	9.60	6.80						
480v	24.25	18.00	12.15	9.20	6.70	5.00	9.67	7.10	5.60	4.60	4.80	3.40						
600v	19.58	14.50	9.72	7.36	5.36	4.00	7.60	6.00	4.50	3.70	4.00	2.83						

TM500A75

RPM	1740				1150	875												
HP	50.0	40.0	30.0	25.0	20.0	15.0												
Full Load Amps at:																		
240v	110.80	87.24	67.40	55.60	49.78	42.00												
480v	55.40	43.62	33.70	27.80	24.89	21.00												
600v	44.32	34.80	26.50	22.23	18.70	17.50												