EV DRIVING SYSTEMS



Modular design compact structure



Space vector control high interference resistance



Control maximum torque with minimum current



Stable and reliable Operation



Design and manufacture in accordance with automotive standards

Item No.	Motor Model	Controller Model	Rated Voltage (VDC)	Operation Voltage Range (VDC)	Cooling Method	Rated power (kW)	Peak Power (kW)	Rated torque (Nm)	Peak torque (Nm)	Rated speed (rpm)	Max speed (rpm)	Outer Diameter of Motor	Total Length of Motor	Weight of Motor	Weight of Controller
1	RTM160.100	RTD020A	72	50-90	AIR	7.5	15	24	105	3000	6000	170	231	28	t.b.d
2	RTM190.090	RTD020B	144	110-170	AIR	10	20	32.5	110	2940	7000	230	289	29.5	8.6
3	RTM190.112A	RTD020B	144	110-170	AIR	20	40	41.5	135	4600	8000	236	319	35	8.6
4	RTM190.112	RTD020B	144	110-170	AIR	15	30	37	150	3870	7100	235	319	33	8.6
5	RTM190.112B	RTD020C	320	250-400	AIR	20	40	39	150	3900	9000	230	331	34.5	7
6	RTM190.140	RTD020C	320	250-400	AIR	25	50	55	200	3500	7000	245	285	45	7
7	RTM210.080	RTD011A	320	250-400	LIQUID	25	50	67	150	3000	8500	243.5	212	35	4.9
8	RTM210.100B	RTD010A	320	250-400	LIQUID	30	60	80	200	3580	9000	260	306	37.5	6.8
9	RTM210.132	RTD010A	350	250-420	LIQUID	40	80	96	240	3980	8200	258	251	49	6.8
10	RTM210.140A	RTD010A	350	250-420	LIQUID	45	90	128	285	3357	10000	260	264.5	49.5	6.8
11	RTM210.160	RTD010A	350	250-420	LIQUID	50	100	111	300	4300	10000	260	277	55	6.8
12	RTM230.140	RTD010A	350	250-420	LIQUID	45	90	115	320	3736	10000	265	320	57	6.8
13	RTM230.200	RTD010A	350	250-420	LIQUID	45	90	155	500	2800	5700	270	330	82	6.8
14	RTM260.140	RTD010A	380	333-437	LIQUID	40	80	242	550	1575	5000	326	280	85	6.8
15	RTM260.180	RTD010A	350	250-420	LIQUID	50	100	280	700	2388	4500	326	330	94	6.8
16	RTM260.200A	RTD010A	350	250-420	LIQUID	60	120	280	750	2388	4500	326	340	94	6.8
17	RTM260.200B	RTD040A	540	450-650	LIQUID	60	120	280	780	2046	4500	326	340	105	23
18	RTM260.240	RTD040A	540	420-650	LIQUID	60	120	500	1000	1146	4500	326	380	123	23
19	RTM327.180	RTD040C	576	420-750	LIQUID	70	140	400	1200	1670	4000	398	350	150	23
20	RTM327.270A	RTD040A	540	420-650	LIQUID	80	160	630	1800	1213	3800	398	440	203	23
21	RTM327.270B	RTD040A	540	420-650	LIQUID	60	120	720	1800	796	2500	398	440	203	23
22	RTM368.240A	RTD040A	540	420-650	LIQUID	60	120	770	2200	745	2200	416	410	220	23
23	RTM368.240B	RTD040C	576	420-750	LIQUID	80	160	770	2200	1000	3200	416	410	220	23
24	RTM368.280A	RTD040C	576	420-750	LIQUID	100	200	910	2600	1050	2600	416	450	240	23
25	RTM368.280B	RTD040C	576	420-750	LIQUID	120	240	927.5	2650	1170	3500	416	450	240	23
26	RTM400.240A	RTD040C	576	420-750	LIQUID	120	240	1050	3000	1100	3200	450	412	245	23
27	RTM400.240B	RTD040C	640	480-770	LIQUID	150	250	1000	2200	1432	4000	450	412	230	23
28	RTM400.240C	RTD040C	750	650-900	LIQUID	240	360	1500	2400	1528	3200	450	412	245	23
29	RTM400.270A	RTD040C	620	480-770	LIQUID	175	350	1400	3500	1193	3200	450	504	300	23
31	RTM460.380	RTD040D	900	700-950	LIQUID	400	600	2500	4600	1528	3000	520	600	520	23

Comprehensive range of PMSM motor driving system for EV and industrial direct drive application