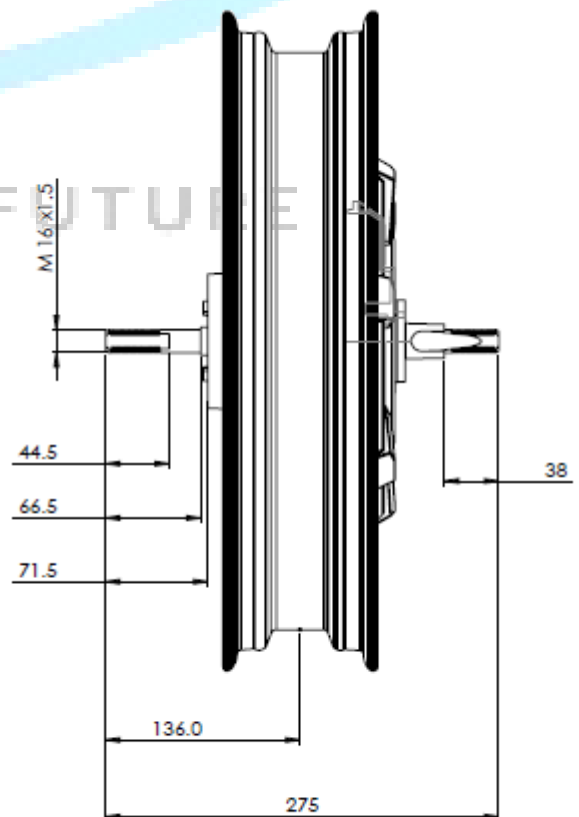
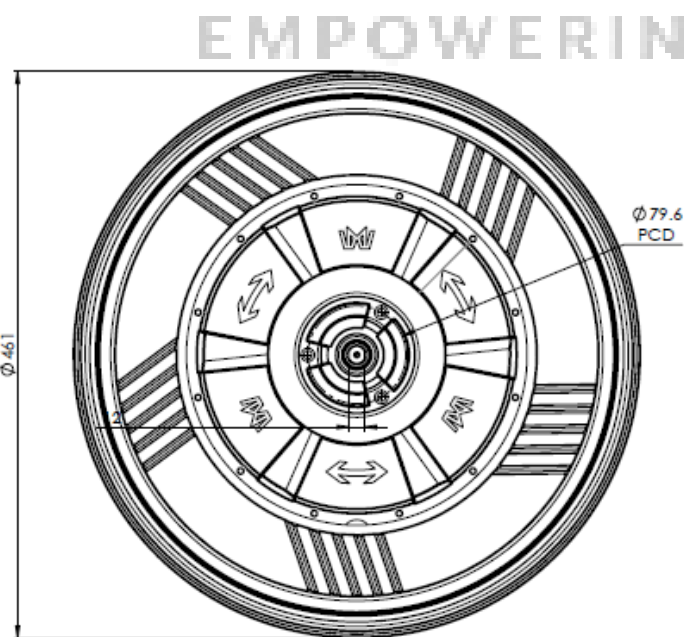
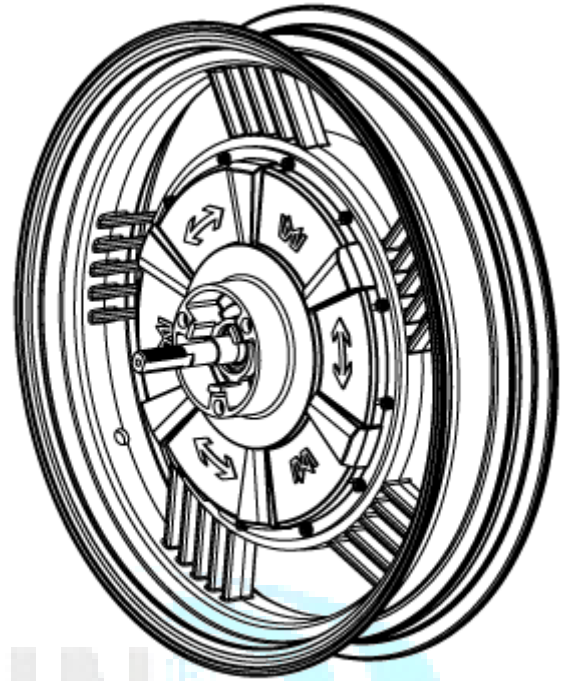


Product Features

Application : - 2-Wheeler
Motor Type : - Hub Motor

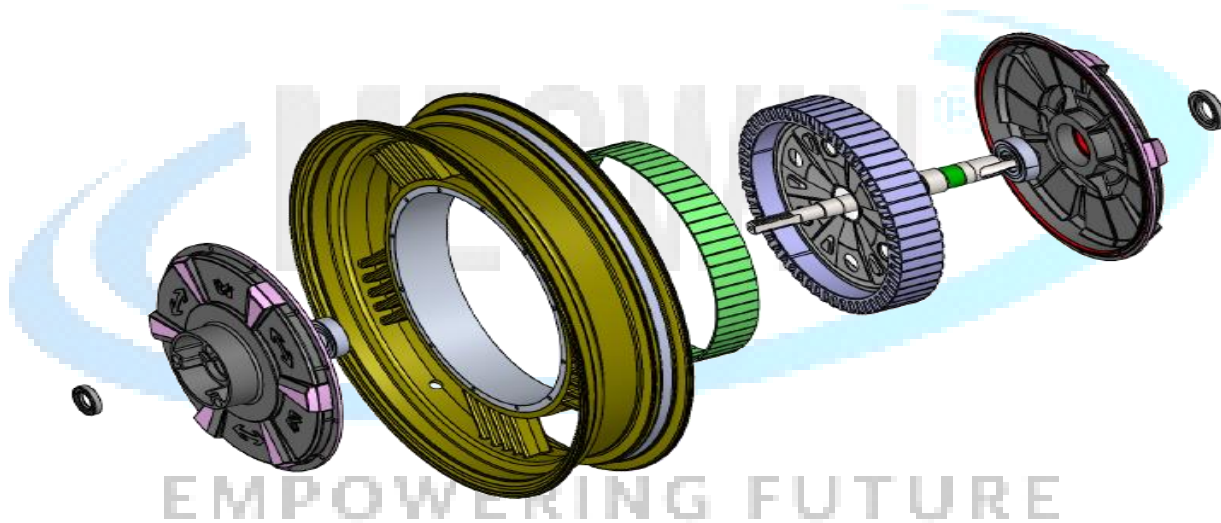
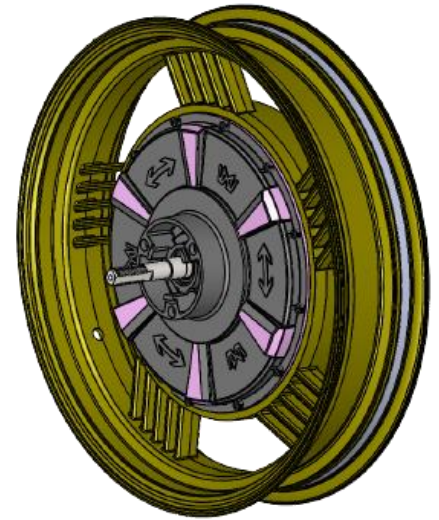
Motor Specifications

Outer Diameter : - 461 mm
Shaft Length : - 275 mm
Brake type :- Disc Brake
Swing arm Distance :-192.5mm
IP Level :- IP67



Motor Specification

Operating Voltage	72	V
Rated Power	1.8	kW
Peak Power	2.9	kW
Rated Torque	23	Nm
Peak Torque@ 100RPM	100	Nm
Max DC Current	45	A
Max Speed	818	Rpm

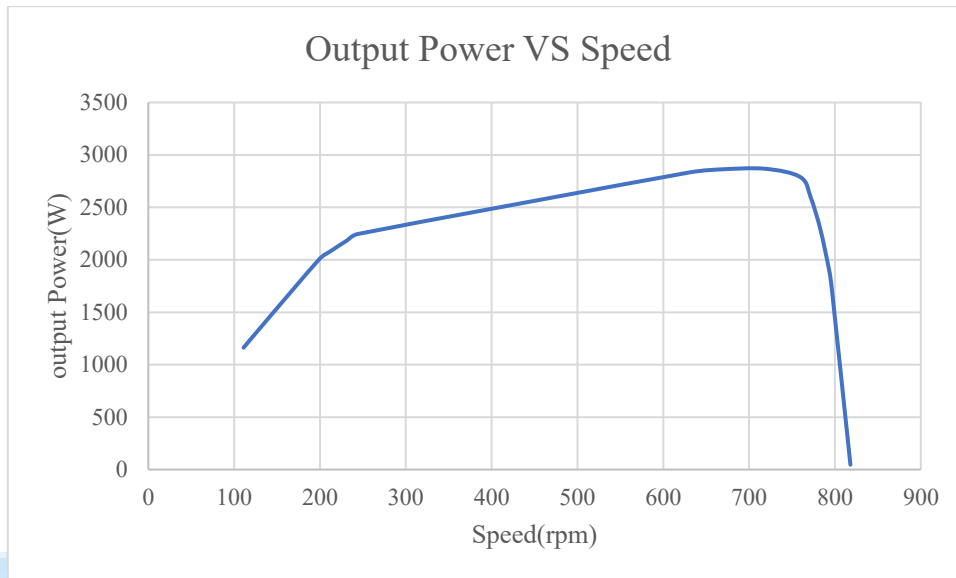


Performance Details

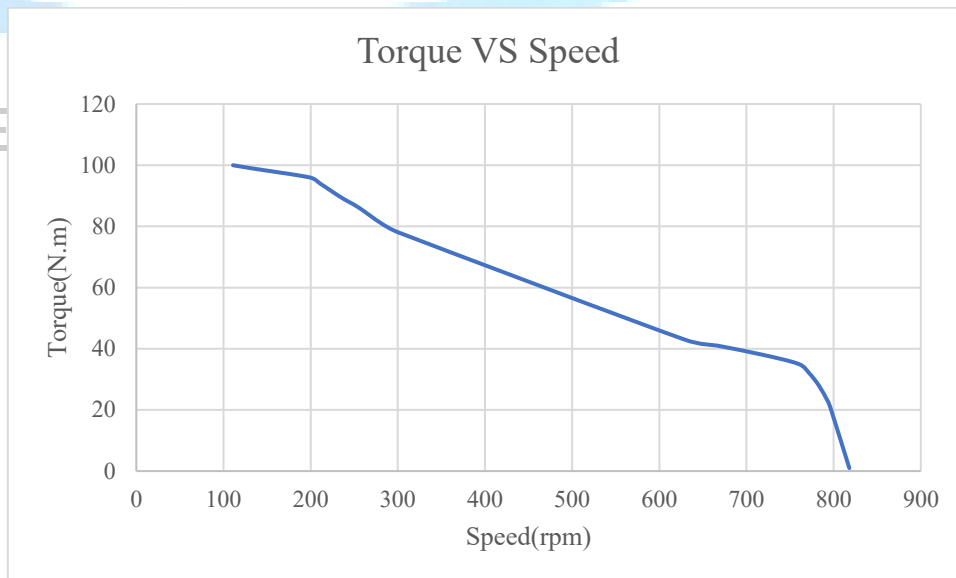
Parameters	DC Voltage	DC Current	RMS Line to Line Voltage	RMS Line Current	Input Power	Torque	Speed	Output power	System Efficiency
	V	A	V	A	W	Nm	RPM	W	%
No Load	72	4.95	51.64	6.70	356	0.54	818	46	13.03
Max Torque	72	32.07	10.83	97.16	2296	100.04	111	1162	50.62
Max Input Power	72	45.3	47.74	41.42	3239	38.95	696	2840	87.67
Max Output Power	72	45.26	49.16	39.71	3237	38.07	719	2868	88.61
Max Efficiency	72	45.13	40.98	47.57	3182	46.06	586	2826	88.84

Performance Curves

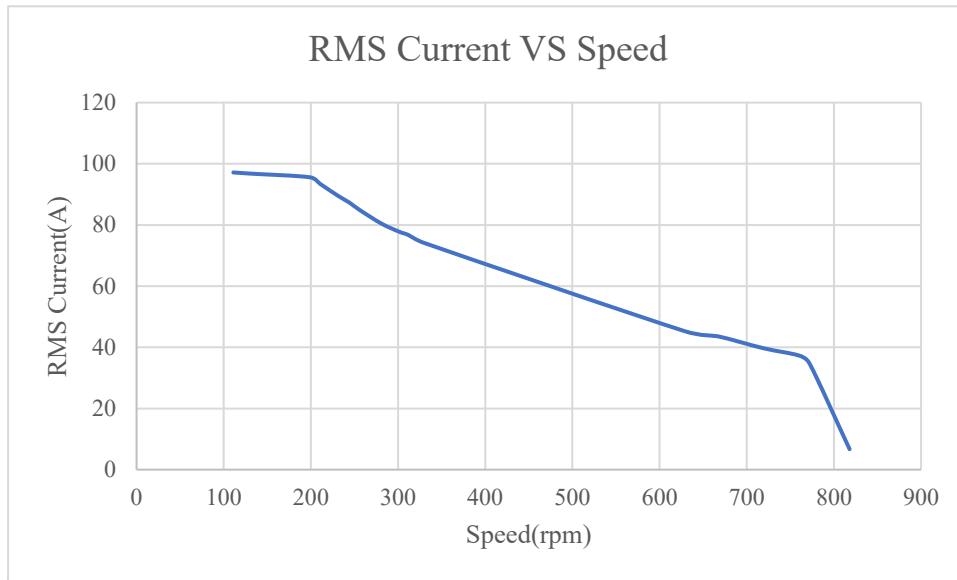
Output Power Vs Speed



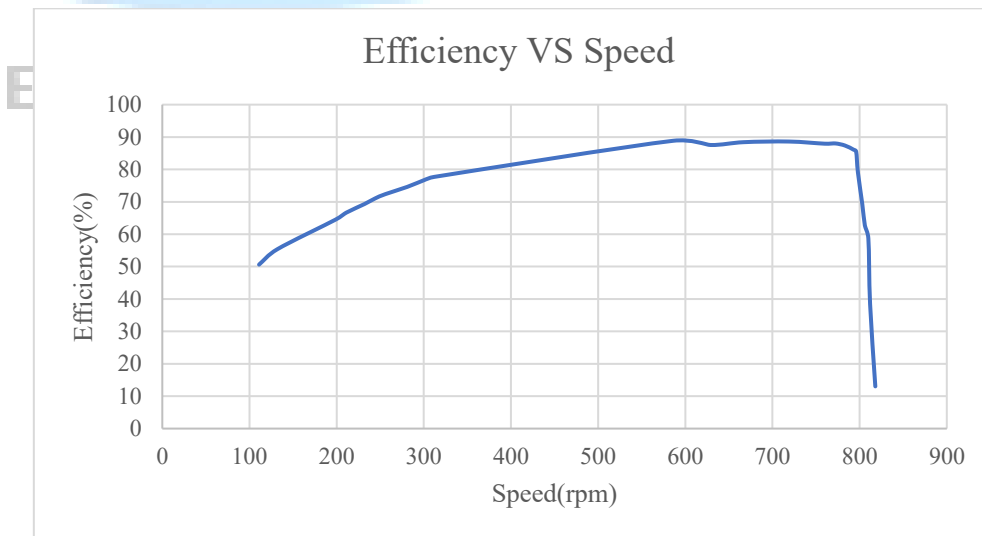
Torque Vs Speed



Current Vs Speed



Efficiency Vs Speed



Load Test Data

DC Voltage	DC Current	RMS line to line Voltage	RMS line Current	Input Power	Torque	Speed	Output Power	System Efficiency
v	A	V	A	W	N-m	Rpm	W	%
71.93	4.95	51.64	6.70	356	1	818	46	13.03
72.07	5.78	51.72	8.90	417	2	812	160	38.43
71.95	9.91	51.63	8.60	713	5	810	418	58.66
72.00	11.17	51.58	10.69	804	6	806	504	62.71
71.98	11.86	51.52	11.14	854	7	803	592	69.39
71.85	19.03	51.78	15.39	1368	13	798	1082	79.12
71.75	28.48	52.49	25.05	2043	21	796	1747	85.49
71.77	30.90	52.43	24.92	2217	23	793	1910	86.10
71.64	36.57	52.27	30.04	2620	28	783	2290	87.39
71.60	41.07	52.03	34.73	2941	32	772	2588	88.02
71.57	44.29	51.53	37.30	3170	35	760	2787	87.94
71.51	45.26	49.16	39.71	3237	38	719	2868	88.61
71.50	45.27	45.86	43.59	3237	41	667	2862	88.41
71.50	45.23	43.72	45.26	3234	43	629	2831	87.54
70.50	45.13	40.98	47.57	3182	46	586	2826	88.84
67.37	45.04	37.40	49.21	3034	48	531	2671	88.02
64.85	45.17	34.53	51.39	2929	50	485	2538	86.65
62.19	44.96	31.09	54.08	2796	53	432	2398	85.77
62.18	45.11	28.77	58.83	2805	57	392	2341	83.47
62.49	45.01	26.93	62.32	2813	61	363	2321	82.53
63.07	44.93	26.73	63.57	2834	62	358	2324	82.00
71.47	44.88	26.80	70.66	3207	69	356	2573	80.21
71.48	44.83	25.09	74.11	3205	73	330	2526	78.84
71.48	44.70	24.07	76.70	3195	76	312	2482	77.70
71.44	44.76	23.30	77.82	3197	78	301	2455	76.77
71.49	44.74	22.06	80.43	3198	81	281	2386	74.61
71.47	44.52	20.42	84.88	3182	86	256	2303	72.39
71.44	44.27	19.77	87.35	3163	88	244	2246	71.03
71.45	44.15	19.05	89.36	3154	90	232	2187	69.32
71.47	43.56	17.26	93.35	3113	94	211	2075	66.65
71.45	43.45	17.05	95.57	3104	96	199	2004	64.54
71.59	34.45	11.77	96.76	2467	99	132	1366	55.37
71.58	32.07	10.83	97.16	2296	100	111	1162	50.62