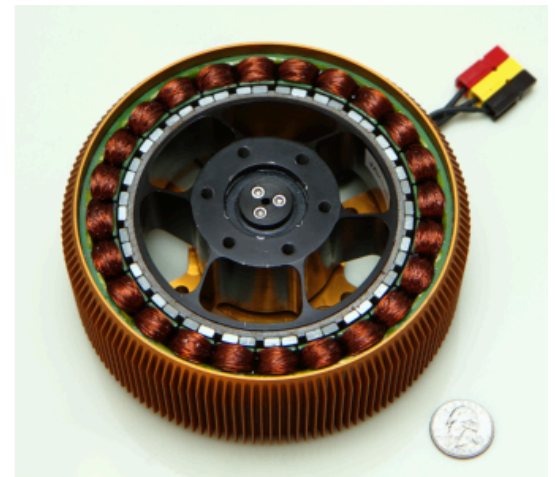


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## Motors

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## Introducing the JM1S motor



## High and Low Voltage Motors Available

JM1S



JM1



JM2S



JM2



	JM1S	JM1	JM2S	JM2	
<b>Construction</b>	inrunner	inrunner	inrunner	inrunner	
<b>Nominal Voltage</b>	40-500	35-700	50 - 700	100 - 600	V
<b>Poles</b>	22	22	46	46	
<b>Nominal RPM</b>	6000	6000	2500	2500	
<b>Maximum RPM</b>	9000	9000	3500	3500	
<b>Diameter</b>	154	154	200	200	mm
<b>Mass</b>	1800	2750	3350	4000	g
<b>Length</b>	53.1	65	65	75	mm
<b>Continuous Torque</b>	13	21	40	53	N-m
<b>Continuous Shaft Power at Nominal RPM</b>	8.2	13.2	10.5	14	kW
<b>Peak Torque</b>	20	32	60	80	N-m
<b>Peak Shaft Power at Nominal RPM (15s)</b>	12.6	20.1	15.7	20.9	kW
<b>Price</b>	\$1,200	\$1,800	\$2,400	\$3,200	USD

## Standard Available Windings

JM1S	—	JM1	—	JM2S	—	JM2	—
kV	Bus Voltage	kV	Bus Voltage	kV	Bus Voltage	kV	Bus Voltage
175	45 V	200	40 V	—	—	—	—
160	50 V	145	55 V	—	—	—	—
120	65 V	105	75 V	—	—	—	—
100	80 V	90	90 V	50	50 V	—	—
75	110 V	75	110 V	33	75 V	—	—
50	160 V	65	125 V	25	100 V	30	100 V
25	325 V	45	180 V	12	250 V	19	150 V
18	450 V	30	270 V	6	500 V	9.5	300 V
16	500 V	16	500 V	4	700 V	5	600 V

Windings shown indicate most popular winding choices. Custom windings available upon request.