

## MLB52 - DC Brushless (BLDC) Planetary Gearmotor



### Details & Specifications

\*Output shaft diameters and length can be modified per customer's needs.

We can also customize voltages, lead wires with or without terminals, drive controls to order per customer's specs.

#### Motor Specifications:

Power	Voltage	No-Load		Rated				Hall	Length	Internal Drive	
		Speed	Current	Speed	Torque	Current	Duty				Added Length
W	VDC	RPM	A	RPM	In-ozs	A		Y/N	mm	Y/N	In
50	12	4000	<0.8	3000	22.5	6.94	S1	Both	60	Y	20
50	24	3700	<0.4	3000	22.5	3.47	S1	Both	60	Y	20

#### Gearbox Specifications:

Ratio		3.7	5.2	13.7	19.2	26.9	50.9	71.2	99.5	139	188	264	369	516	721	699	977	1367	1911	2672	3736
Rated Speed	RPM	810	577	219	156	111	59	42	30	22	16	11	8	5.8	4.2	4.3	3.1	2.2	1.6	1.1	0.8
Rated Torque	in-lbs	4.7	6.6	13.3	13.3	13.3	17.7	17.7	17.7	17.7	35.4	35.4	35.4	35.4	35.4	70.8	70.8	70.8	70.8	70.8	70.8
Stages		1		2		3		4		5											
Length	mm	35.5		47.1		50.5		70.3		81.9											
Max Torque	in-lbs	26.5		39.8		53.1		106		212											

#### Motor Details:

