

SL120-18-50 BLDC MOTOR

Hunan SENLI Co. produces SL120 series BLDC motor ,The series motors are with Stator diameter 120mm , 18 slots 16 polars magnets ,Length 50mm 100mm , Lamination sheet material is 35WW270 , Thickness 0.35mm , has very good properties . Rotor with N40SH Magnet (Ni-Cu-Ni Coating) have good high temp properties , It is water -proof , less weight , small diameter , high output power , High Torque ,low RPM .SL120-18 series motor with higher torque lower RPM, can be used in Electric Bike , E-Down Hill Bike , E-Mountain Bike , Electric motorcycle and E-trike, E trator , E lifter .

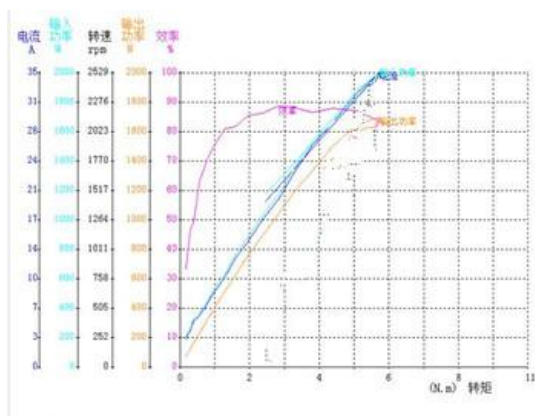


60V 1.5KW 2900RPM eff.88.6% Length of motor 106mm

Outside Shaft D15 X20mm keyslot 4mmX4mm for 50mm motor

Outside Shaft D17 X35mm keyslot 5mmX5mm For 80mm motor

Barrel Color: BLUE , Aluminium , Black



编号 (No.)	电压 (V)	电流 (A)	输入功率 (W)	功因 (P.F)	转速 (rpm)	转矩 (N.m)	输出功率 (W)	效率 (%)	时间 (s)
1	59.6	3.299	196.6	*	3567	0.17	66.03	33.6	1
2	59.6	3.27	194.9	*	3567	0.17	66.47	34.1	4
3	59.6	3.325	198.1	*	3566	0.17	66.06	33.3	7
4	59.58	3.584	213.5	*	3567	0.2	78.02	36.5	10
5	59.52	4.217	251	*	3567	0.31	116.9	46.6	13
6	59.66	5.398	322.1	*	3553	0.42	157.1	48.8	16
7	59.51	5.991	356.5	*	3565	0.6	222.9	62.5	19
8	59.37	7.234	429.5	*	3491	0.81	298.1	69.4	22
9	59.18	8.701	514.9	*	3443	1.06	385.1	74.8	25
10	58.93	10.6	625.2	*	3404	1.41	506	80.9	28
11	58.86	13.06	769.2	*	3351	1.79	628.9	81.8	31
12	58.89	14.92	879.2	*	3299	2.17	752.9	85.6	34
13	58.61	17.63	1033	*	3222	2.64	891.1	86.3	37
14	58.45	19.98	1168	*	3142	3.14	1035	88.6	41
15	58.15	23.41	1361	*	3121	3.67	1200	88.2	44
16	57.97	26.52	1537	*	3004	4.23	1330	86.5	47
17	57.74	29.31	1692	*	2898	4.89	1500	87.8	50
18	57.53	32.82	1888	*	2774	5.67	1647	87.2	53
19	57.34	35.44	2032	*	2545	6.39	1703	83.8	56

SL120-18-50 60V 1500W 5NM

	电压 (V)	电流 (A)	输入功率 (W)	功因 (P.F)	转速 (rpm)	转矩 (N.m)	输出功率 (W)	效率 (%)	时间 (s)
空载点	59.6	3.299	196.6	*	3567	0.17	66.03	33.6	1
测试结束点	59.54	19.69	1173	*	17	2.71	4.82	0.4	59
额定点	57.74	29.31	1692	*	2898	4.89	1500	87.8	50
最大转矩点	57.34	35.44	2032	*	2545	6.39	1703	83.8	56
最大输出点	57.34	35.44	2032	*	2545	6.39	1703	83.8	56
最高效率点	58.45	19.98	1168	*	3142	3.14	1035	88.6	41

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