

无刷GL型减速电机 BLDC GL GEAR MOTOR

60GL BRUSHLESS无刷

无刷GL型减速电机
BLDC GL GEAR MOTOR



● 无刷直流电机技术参数 Blush DC Motor Technical Date

电机型号 Motor type	电压 Voltage	额定功率 Power	空载电流 No load Current	空载转速 Noload speed	额定电流 Rated current	额定转速 Rated speed	额定扭矩 Rated torque
	V	W	A	RPM	A	RPM	N.m
2B25-24GL-255	24	25	< 0.4	3500	1.8	2500	0.095
2B40-24GL-255	24	40	< 0.6	3500	2.3	2500	0.153
2B60-24GL-255	24	60	< 0.8	3500	3.5	2500	0.229

● 无刷直流GL型减速电机技术参数 Blush DC Motor GL-Shaped Technical Date

减速比 Ratio	5	10	15	20	30	50	100	150	200
容许扭矩 Allowable Torque (N.m)	1.25	1.24	1.86	2.48	3.71	6.19	10.5	10.5	10.5
推荐功率 Recommended power (W)	60	40	40	40	40	40	40	40	25
推荐转速 Recommended speed (RPM)	2500RPM								
输出扭矩 Output Torque (N.m)	0.84	1.12	1.67	2.23	3.35	5.58	10.5	10.5	10.5
输出转速 Rated speed (RPM)	500	250	125	125	83	50	25	16.7	12.5

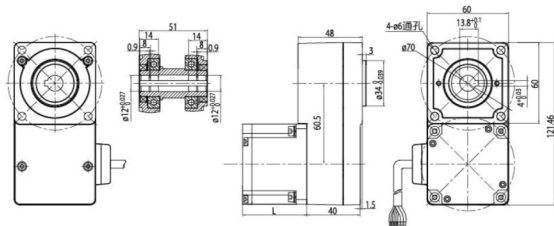
● 表中转速是以电机的平均转速为基数除以减速比而算出的数值，实际转速将随负载大小而变化，变化范围 2-20%。

● 表中扭矩是以电机额定扭矩 X 减速比 X 传动效率计算而得。

● In the table,the speed is calculated form the base of the motor's average speed divided by the deceleration ratio.The actual speed will vary with the load, ranging from 2 to 20%.

● Table transfer torque is calculated form motor rated torque * deceleration ratio * transmission efficiency.

● 尺寸图 DIMENSIONAL DRAWING



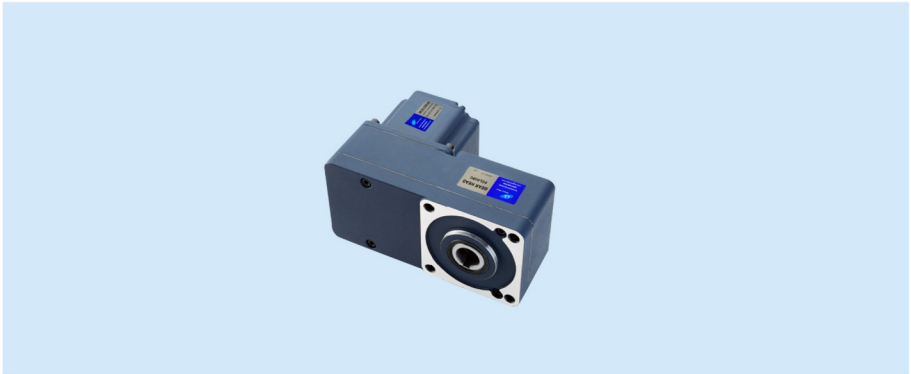
● 线序图 Line Sequence Diagram

1	2	3	4	5	6	7	8
U	V	W	GND	Hv	Hw	Hu	Vcc
Yellow	Green	Blue	Black	Green	Blue	Yellow	Red
粗线 Thick Line				细线 Thin Line			
14#1569				26#1569			

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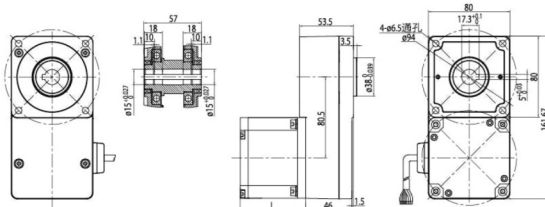
电机型号 Motor type	电压 Voltage	额定功率 Power	空载电流 No load Current	空载转速 Noload speed	额定电流 Rated current	额定转速 Rated speed	额定扭矩 Rated torque
	V	W	A	RPM	A	RPM	N.m
4B40-24GL-25S	24	40	< 0.6	3500	2.3	2500	0.153
4B60-24GL-25S	24	60	< 0.8	3500	3.5	2500	0.305
4B120-24GL-25S	24	1200	< 1.5	3500	7.0	2500	0.458

● 无刷直流GL型减速电机技术参数 Blush DC Motor GL-Shaped Technical Date

减速比 Ratio	5	10	15	20	30	50	100	150	200
容许扭矩 Allowable Torque (N.m)	2.09	4.18	6.27	4.46	6.69	11.2	22.3	18.8	24
推荐功率 Recommended power (W)	120	120	120	60	60	60	60	40	40
推荐转速 Recommended speed (RPM)	2500RPM								
输出扭矩 Output Torque (N.m)	1.67	3.35	5.02	3.35	5.02	8.4	16.7	16.7	22.3
输出转速 Rated speed (RPM)	500	250	125	125	83	50	25	16.7	12.5

- 表中转速是以电机的平均转速为基数除以减速比而算出的数值，实际转速将随负载大小而变化，变化范围 2-20%。
- 表中扭矩是以电机额定扭矩 X 减速比 X 传动效率计算而得。
- In the table,the speed is calculated form the base of the motor's average speed divided by the deceleration ratio.The actual speed will vary with the load, ranging from 2 to 20%.
- Table transfer torque is calculated form motor rated torque * deceleration ration * transmission efficiency.

● 尺寸图 DIMENSIONAL DRAWING



● 线序图 Line Sequence Diagram

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无刷GL型减速电机 BLDC GL GEAR MOTOR

90GL BRUSHLESS无刷

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BLDC GL GEAR MOTOR



● 无刷直流电机技术参数 Blush DC Motor Technical Date

电机型号 Motor type	电压 Voltage	额定功率 Power	空载电流 No load Current	空载转速 Noload speed	额定电流 Rated current	额定转速 Rated speed	额定扭矩 Rated torque
	V	W	A	RPM	A	RPM	N.m
5B90-24GL-255	24	90	< 0.6	3500	5.5	2500	0.343
5B150-24GL-255	24	150	< 0.8	3500	8.8	2500	0.573
5B200-24GL-255	24	200	< 1.2	3500	11.5	2500	0.764

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减速比 Ratio	5	10	15	20	30	50	100	150	200
容许扭矩 Allowable Torque (N.m)	3.33	6.66	10	10	15.1	25.1	38	38	50
推荐功率 Recommended power (W)	200	200	200	150	150	150	150	90	90
推荐转速 Recommended speed (RPM)	2500RPM								
输出扭矩 Output Torque (N.m)	2.79	5.58	8.37	8.37	12.5	20.9	38.0	37.6	50
输出转速 Rated speed (RPM)	500	250	125	125	83	50	25	16.7	12.5

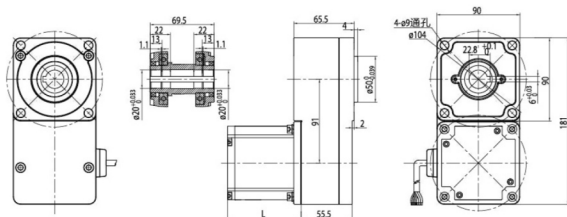
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● Table transfer torque is calculated form motor rated torque * deceleration ration * transmission efficiency.

● 尺寸图 DIMENSIONAL DRAWING



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	V	W	A	RPM	A	RPM	N.m
6B120-24GL-25S	24	120	< 0.8	3500	7.0	2500	0.458
6B200-24GL-25S	24	200	<1.2	3500	11.5	2500	0.764
6B400-24GL-25S	24	400	< 1.6	3500	22.0	2500	1.528

● 无刷直流GL型减速电机技术参数 Blush DC Motor GL-Shaped Technical Date

减速比 Ratio	5	10	15	20	30	50	100	150	200
容许扭矩 Allowable Torque (N.m)	7.0	13.9	20.9	13.3	19.9	33.2	66.4	90	100
推荐功率 Recommended power (W)	400	400	400	200	200	200	200	200	200
推荐转速 Recommended speed (RPM)	2500RPM								
输出扭矩 Output Torque (N.m)	5.6	11.2	16.7	11.2	16.7	27.9	55.8	83.7	100
输出转速 Rated speed (RPM)	500	250	125	125	83	50	25	16.7	12.5

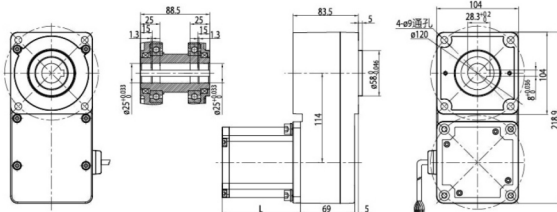
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