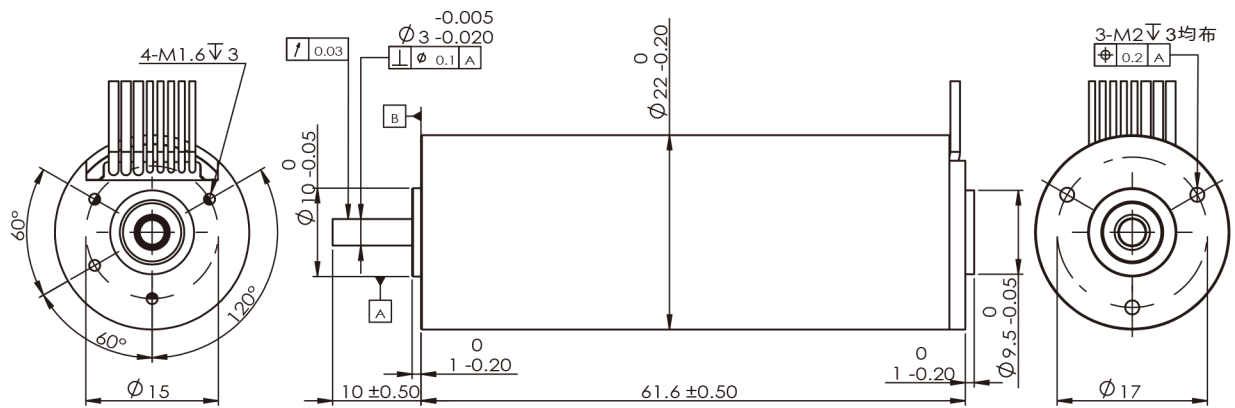




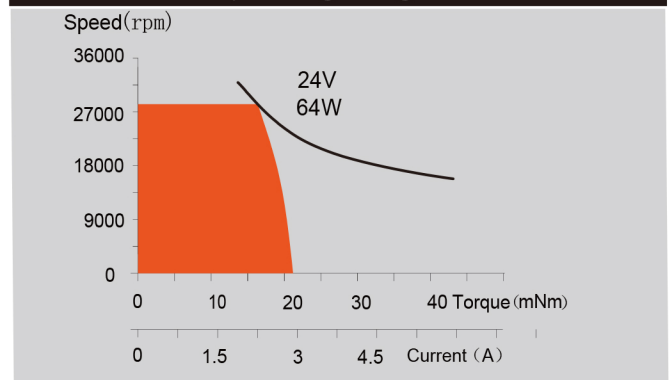
电机参数 Motor Data

电机型号	Motor model			BRS226224B	BRS226236B	BRS226248B	
1 额定电压	Nominal voltage	V	V	24	36	48	
2 空载转速	No load speed	rpm	Wnl	30300	34700	30850	
3 空载电流	No load current	mA	InI	<190	<230	<40	
4 额定转速	Nominal speed	rpm	Wc	29000	31000	29500	
5 额定转矩	Nominal torque	mNm	Tc	21	18.6	19.3	
6 额定电流	Nominal current	A	Ic	2.8	1.9	1.3	
7 输出功率	Output power	W	Pc	64	60	59	
8 堵转扭矩	Stall torque	mNm	Tmax	222.7	176	203.2	
9 堵转电流	Stall current	A	Imax	29.6	18	13.7	
10 最大效率	Max. efficiency	%	η_{max}	89	79	92	
11 线间电阻	Terminal resistance	Ω	Rt	0.81	2	3.5	
12 线圈电感	Terminal inductance	L	mH	0.2	0.33	0.9	
13 力矩系数	Torque constant	mNm / A	Kt	7.52	9.78	14.81	
14 速度常数	Speed constant	rpm / V	Kn	1270.6	976.4	644.6	
15 速度扭矩比	Speed torque gradient	rpm / mNm	$\Delta n / \Delta T$	61.8	199.1	70.1	

性能参数 Specifications

1 环境温度 ambient temperature	Ta	-20~+65 °C
2 最大允许线圈温度 max. winding temperature	Tcoilmax	+85 °C
3 最大允许速度 max. speed	Nmax	34700rpm
4 轴向窜动 axial play	Δt	0.05-0.15 mm
5 极对数 number of pole pairs	2p	1
6 换向器片数 number of commutator segments		3
7 马达重量 weight of motor	Wt	125 g
8 最大轴向载荷 (动态) Max. axial load (dynamic)		3.5N
9 最大允许安装力 (静态) Max. force for press fits (static)		60N
10 最大径向载荷 (离法兰4mm处) Max. radial load, 4 mm from flange		16N

电机运行范围 Operating Range



接线定义 Terminal definitions

Green	U
Black	V
Red	W