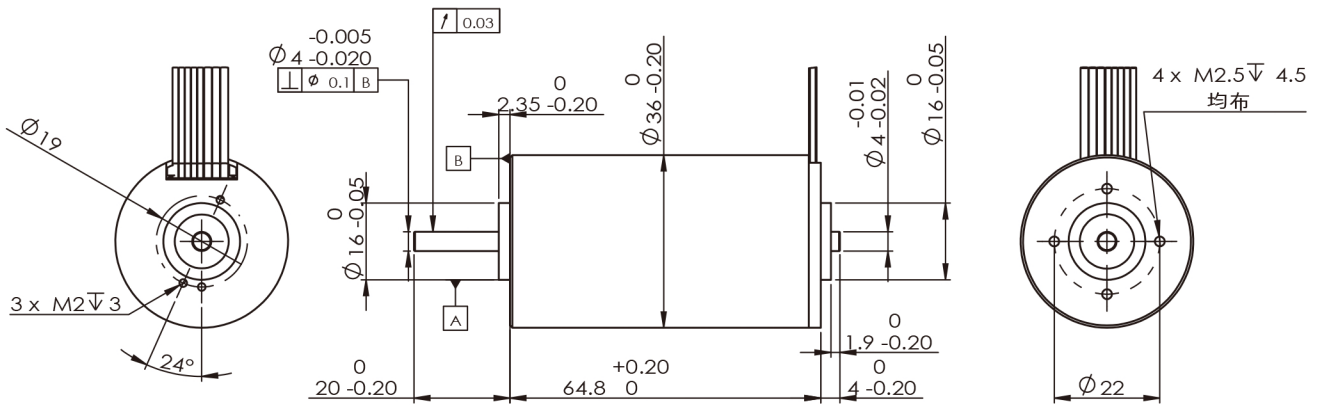




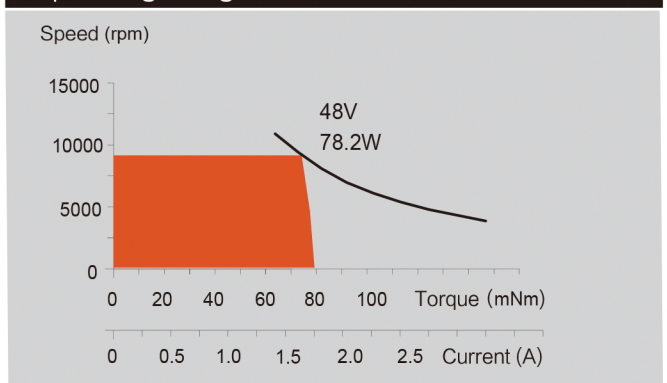
Motor Data

电机型号	Motor model				BR366448B		
1 额定电压	Nominal voltage	V	V		48		
2 空载转速	No load speed	rpm	WnI		10500		
3 空载电流	No load current	mA	InI		<150		
4 额定转速	Nominal speed	rpm	Wc		9300		
5 额定转矩	Nominal torque	mNm	Tc		80		
6 额定电流	Nominal current	A	Ic		1.84		
7 输出功率	Output power	W	Pc		78.2		
8 堵转扭矩	Stall torque	mNm	Tmax		695		
9 堵转电流	Stall current	A	Imax		16		
10 最大效率	Max. efficiency	%	η_{max}		86		
11 线间电阻	Terminal resistance	Ω	Rt		3		
12 线圈电感	Terminal inductance	L	mH		1.6		
13 力矩系数	Torque constant	mNm / A	Kt		43.4		
14 速度常数	Speed constant	rpm / V	Kn		220		
15 速度扭矩比	Speed torque gradient	rpm / mNm	$\Delta n / \Delta T$		14.52		

Specifications

1 ambient temperature	Ta	-20~+65°C
2 Max.winding temperature	Tcoilmax	+85°C
3 Max.speed	Nmax	11550rpm
4 axial play	Δt	0.05~0.15mm
5 number of pole pairs	p	1
6 number of commutator segments		3
7 weight of motor	Wt	342g
8 Max.axial load(dynamic)		5N
9 Max.force for press fits(static)		98N
10 Max.radial load,4mm from flange		25N

Operating Range



Terminal definitions

