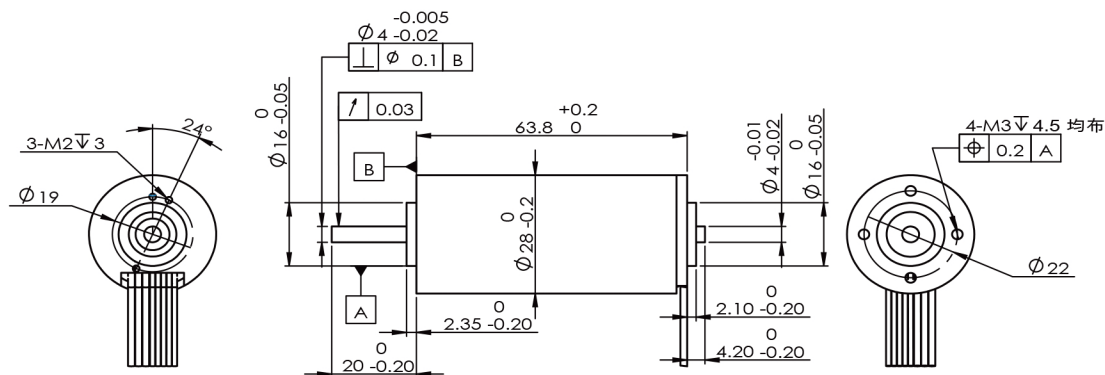




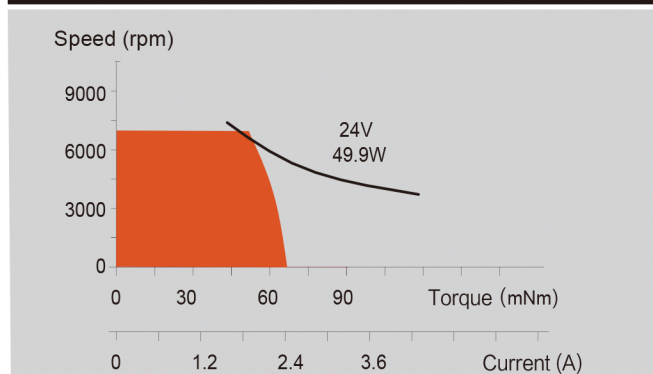
Motor Data

电机型号	Motor model			BR286424B	BR286436B	BR286448B
1 额定电压	Nominal voltage	V	V	24	36	48
2 空载转速	No load speed	rpm	Wnl	8400	9510	8040
3 空载电流	No load current	mA	InI	<400	<300	<200
4 额定转速	Nominal speed	rpm	Wc	7500	8600	7300
5 额定转矩	Nominal torque	mNm	Tc	72	70	71
6 额定电流	Nominal current	A	Ic	2.68	1.97	1.27
7 输出功率	Output power	W	Pc	57.2	63.1	54.4
8 堵转扭矩	Stall torque	mNm	Tmax	643.9	639.8	677.9
9 堵转电流	Stall current	A	Imax	24	18	12.1
10 最大效率	Max. efficiency	%	η_{max}	89	89	90
11 线间电阻	Terminal resistance	Ω	Rt	1	2	3.97
12 线圈电感	Terminal inductance	L	mH	0.26	0.72	1
13 力矩系数	Torque constant	mNm / A	Kt	26.83	35.55	56.07
14 速度常数	Speed constant	rpm / V	Kn	355.9	268.6	170.3
15 速度扭矩比	Speed torque gradient	rpm / mNm	$\Delta n / \Delta T$	11.3	12.8	10.2

Specifications

1 ambient temperature	Ta	-20~+65°C
2 Max.winding temperature	Tcoilmax	+85°C
3 Max.speed	Nmax	9510rpm
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	302g
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

