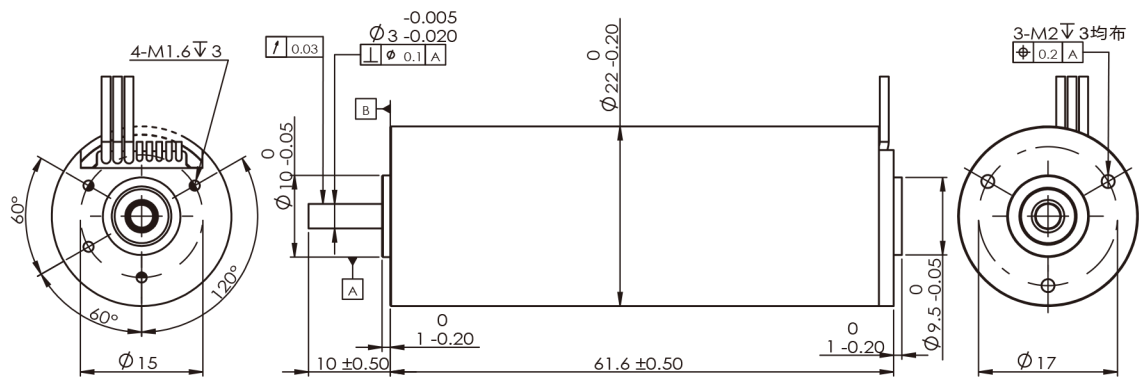




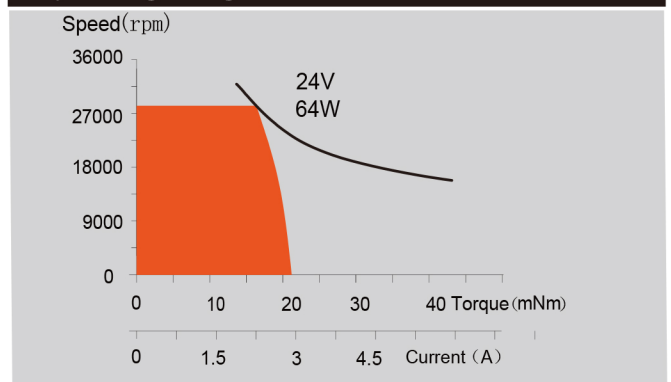
Motor Data

	Motor model			BRS226224B	BRS226236B	BRS226248B		
1	Nominal voltage	V	V	24	36	48		
2	No load speed	rpm	Wnl	30300	34700	30850		
3	No load current	mA	InI	<190	<230	<40		
4	Nominal speed	rpm	Wc	29000	31000	29500		
5	Nominal torque	mNm	Tc	21	18.6	19.3		
6	Nominal current	A	Ic	2.8	1.9	1.3		
7	Output power	W	Pc	64	60	59		
8	Stall torque	mNm	Tmax	222.7	176	203.2		
9	Stall current	A	I _{max}	29.6	18	13.7		
10	Max. efficiency	%	η_{max}	89	79	92		
11	Terminal resistance	Ω	Rt	0.81	2	3.5		
12	Terminal inductance	L	mH	0.2	0.33	0.9		
13	Torque constant	mNm / A	Kt	7.52	9.78	14.81		
14	Speed constant	rpm / V	Kn	1270.6	976.4	644.6		
15	Speed torque gradient	rpm / mNm	$\Delta n / \Delta T$	61.8	199.1	70.1		

Specifications

1	ambient temperature	Ta	-20~+65 °C
2	max. winding temperature	Tcoilmax	+85 °C
3	max. speed	Nmax	34700 rpm
4	axial play	Δt	0.05-0.15 mm
5	number of pole pairs	2p	1
6	number of commutator segments		3
7	weight of motor	Wt	125 g
8	Max. axial load (dynamic)		3.5N
9	Max. force for press fits (static)		60N
10	Max. radial load, 4 mm from flange		16N

Operating Range



Terminal definitions

Green	U
Black	V
Red	W