

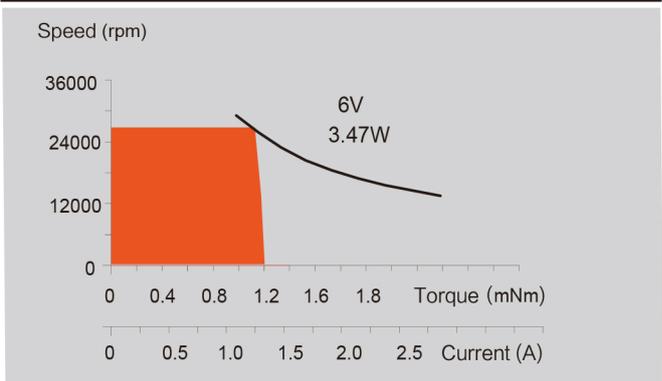
Motor Data

	Motor model			SBR103306B			
1	Nominal voltage	V	V	6			
2	No load speed	rpm	Wnl	30000			
3	No load current	mA	InI	<140			
4	Nominal speed	rpm	Wc	27600			
5	Nominal torque	mNm	Tc	1.2			
6	Nominal current	A	Ic	1.2			
7	Output power	W	Pc	3.47			
8	Stall torque	mNm	Tmax	6			
9	Stall current	A	Imax	6.2			
10	Max. efficiency	%	ηmax	81			
11	Terminal resistance	Ω	Rt	1			
12	Terminal inductance	L	mH	0.03			
13	Torque constant	mNm / A	Kt	1			
14	Speed constant	rpm / V	Kn	9356			
15	Speed torque gradient	rpm / mNm	Δn / ΔT	8076			

Specifications

1	ambient temperature	Ta	-20~+65 °C
2	max. winding temperature	Tcoilmax	+85 °C
3	max. speed	Nmax	33000rpm
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	30 g
8	Max. axial load (dynamic)		0.8N
9	Max. force for press fits (static)		15N
10	Max. radial load, 4 mm from flange		1.4N

Operating Range



Terminal definitions

