

Characteristics 技术参数							
11	Terminal resistance phase to phase	相间电阻	R	1.45			Ω
12	Terminal inductance phase to phase	相间电感	L	90			μH
13	Back-EMF constant	反电势常数	K_E	0.59			mV/rpm
14	Torque constant	转矩常数	K_M	5.68			mNm/A
15	Speed constant	转速常数	K_n	1682			rpm/V
16	Current constant	电流常数	K_I	0.176			A/mNm
17	Speed / torque gradient	转速/转矩斜率	$\Delta n/\Delta M$	429.54			rpm/mNm
18	Mechanical time constant	机械时间常数	τ_m	0.9			ms
19	Rotor inertia	转子惯量	J	0.72			gcm^2

Mechanical data 机械参数			
27	Bearing type	轴承类型	ball bearings, preloaded
28	Axial play	轴向间隙	0 - 0.3 mm
29	Max. axial load (dynamic)	最大轴向载荷 (动态)	3 N
30	Max. force for press fits (static)	最大轴向压配合力 (静态)	25 N
	(static, shaft supported)	(静态, 支撑轴)	250 N
31	Max. radial loading, 5 mm from flange	最大径向载荷	10 N

Dimensional drawing 尺寸图

