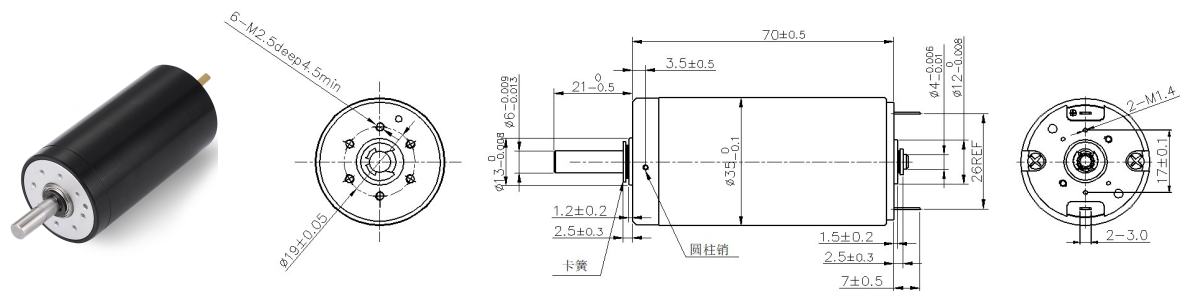




Coreless Graphite Brush Motor

LS-3570RC



Typical Applications: Meat slicer, DMS, Golf cart, Robot

电机参数 (Motor data)		13A	12A	05A	08A	01A	03A
额定电压下数值 (Values at nominal voltage)							
1 额定电压 (Nominal voltage)	V	12	15	18	24	24	24
2 空载转速 (No load speed)	rpm	4500	7850	4100	5920	4300	5600
3 空载电流 (No load current)	mA	140	210	110	120	60	110
4 额定转速 (Nominal speed)	rpm	4270	7570	3874	5620	4082	5310
5 额定转矩(最大连续转矩) (Nominal torque)	mNm	34.7	35.5	35.7	43.8	36.5	37.7
6 额定电流(最大连续电流) (Nominal current)	A	1.5	2.15	0.95	1.25	0.74	1
7 堵转转矩 (Stall torque)	mNm	690.9	1009.9	647.7	871.9	720	728
8 堵转电流 (Stall current)	A	27.3	55.56	15.5	22.6	13.7	18.46
9 最大效率 (Max efficiency)	%	87	88	85	86	88	86
电机常数 (Motor constant)							
10 相间电阻 (Terminal resistance)	Ω	0.44	0.27	1.16	1.06	1.75	1.3
11 转矩常数 (Torque constant)	mNm/A	24.96	17.88	41.09	37.94	52.24	40.11
12 速度常数 (Speed constant)	rpm/V	375	523	228	247	179	233

其他特性参数 Other characteristic parameters

13 环境温度范围 (Ambient temperature)	-10~40℃
14 绕组最高允许温度 (Max permissible winding temperature)	80℃
15 最高允许转速 (Max permissible speed)	8000rpm
16 电极磁极对数 (Number of the pole pairs)	1
17 换向器片数 (Number of the commutator segments)	13
18 电机质量 (Weight)	319g

13A电机曲线图 motor curve

