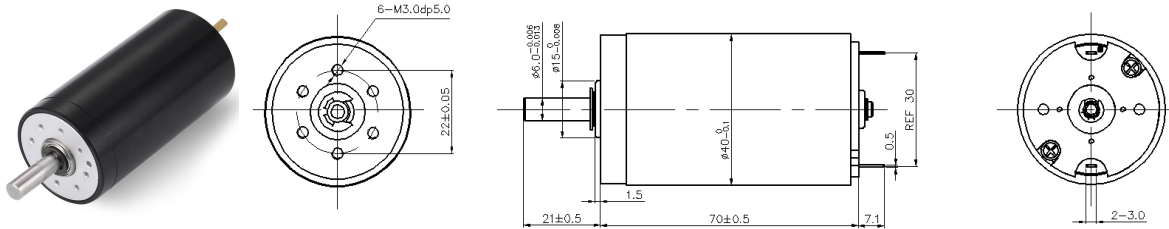




Coreless Graphite Brush Motor

LS-4070RC

其余3.2



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

电机参数 (Motor data)		01A	02A	03A	04A	05A
额定电压下数值 (Values at nominal voltage)						
1 额定电压 (Nominal voltage)	V	24	24	24	48	48
2 空载转速 (No load speed)	rpm	7250	10000	7620	7500	9700
3 空载电流 (No load current)	mA	130	200	200	70	80
4 额定转速 (Nominal speed)	rpm	6488	9200	6896	6750	8536
5 额定转矩 (最大连续转矩) (Nominal torque)	mNm	159	162	159.5	161	162
6 额定电流 (最大连续电流) (Nominal current)	A	5.16	7.3	5.5	2.7	3.5
7 堵转转矩 (Stall torque)	mNm	1513.2	2028.6	1672.7	1617	1347
8 堵转电流 (Stall current)	A	48.0	88.9	55.8	26.37	28.57
9 最大效率 (Max efficiency)	%	89	91	87	90	90
电机常数 (Motor constant)						
10 相间电阻 (Terminal resistance)	Ω	0.5	0.27	0.43	1.82	1.68
11 转距常数 (Torque constant)	mNm/A	30.98	22.46	29.48	59.90	46.31
12 速度常数 (Speed constant)	rpm/V	302	417	318	156	202

其他特性参数 Other characteristic parameters

- 13 环境温度范围 (Ambient temperature) -10~40°C
- 14 绕组最高允许温度 (Max permissible winding temperature) 80°C
- 15 最高允许转速 (Max permissible speed) 10000rpm
- 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) 403.9g

01A电机曲线图 motor curve

