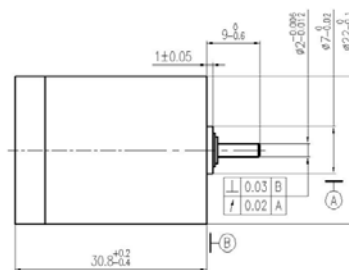


DC coreless 22SYK 直流空心杯型 22SYK

Ø22mm, precious metal brushes, sleeve bearing, with wires/Ø22mm 贵金属电刷, 滑动轴承,引出线

2230 Series / 2230系列		型号/model	2135.A	2120.A	2218.A	2216.A	2214.A	2211.A	
Motor data (25°C)/ 运行参数 (25°C)									
1 Assigned power/标称功率	W		3.95	2.7	3.1	3.3	3.2	2.4	
2 Nominal voltage/额定电压	Volt		3	6	9	12	15	18	
3 Terminal resistance/端电阻 ±10%	Ohm		0.4	1.9	4.3	6.8	9.8	19.9	
4 No-Load speed/ 空载转速 ±10%	rpm		7450	7400	7580	7550	7670	7500	
5 No-Load current/空载电流 ≤125%	mA		80	24	19.5	14.7	12.1	9.1	
6 Speed constant/速度常数	rpm/V		2483	1233	842	629	511	417	
7 Torque constant/转矩常数	mNm/A		3.8	7.7	11.2	15.1	18.5	22.7	
8 Starting current/启动电流	mA		7895	3209	2093	1770	1524	905	
9 Stall torque/堵转转矩	mNm		30.1	24.7	23.5	26.7	28.3	20.5	
10 Mechanical time constant/机械时间常数	ms		18.3	11.3	19.4	15.6	14.8	13.6	
11 Rotor inertia/转动惯量	gcm ²		5.4	3	4.9	4.5	4.3	3	
12 Max. efficiency/最大效率	%		81	83	82	83	83	81	
13 Motor inductance/电机电感	mH		0.104	0.10	0.33	0.49	0.68	0.944	
14 Weight of motor/电机重量	g		46	48	45	46	46	46	
Limits for continuous operation/电机连续运行区域上限									
15 Max. continuous current/最大连续工作电流	mA		1682	534	432	342	262	161	
16 Max. continuous torque/最大连续工作转矩	mNm		6.4	4.1	4.9	5.1	4.8	3.7	
17 Nominal speed/最大连续工作电流下的转速	rpm		5863	6169	6014	6093	6354	6161	
18 Max. continuous power /最大连续输出功率	W		3.9	2.6	3.1	3.3	3.2	2.4	
Dimensions/外形尺寸									



Additional information/其它相关信息

- Axial play (measured at 4N axial force)/轴向间隙 (沿轴向施加4N力时的间隙) 0.05~0.15 mm
- Max. sleeve bearing loads/滑动轴承最大载荷
 - Axial (dynamic)/轴向(动态) 1.0N
 - Radial (4 mm from jamming ring)/径向 (卡簧外4mm) 2.7N
 - Force for press-fits (static)/最大允许安装力 (静态) 80N
- Max. radial play sleeve bearing/滑动轴承最大径向间隙 0.02 mm
- Ambient temperature range/环境温度范围 -20~+65℃
- Max. rotor temperature/转子承受最高温度 +85℃
- Options: gearbox and ball bearings/其它可选项: 减速器和滚动轴承