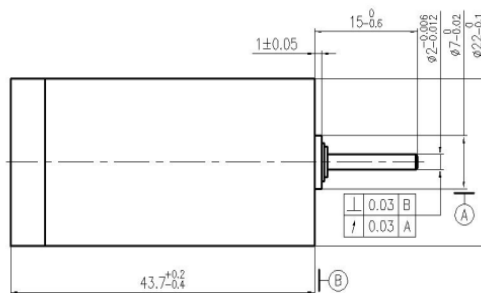
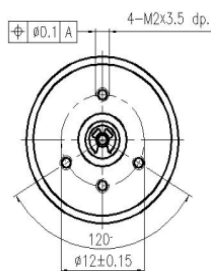


DC coreless 22SYK 直流空心杯型 22SYK

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

2243 Series / 2243系列		型号/model	5125.A	5225.A	5218.A	5216.A		
Motor data (25°C)/ 运行参数 (25°C)								
1 Assigned power/标称功率	W		6.6	8.4	6.6	7.1		
2 Nominal voltage/额定电压	Volt		9	12	18	24		
3 Terminal resistance/端电阻 ±10%	Ohm		1.3	2.2	6.3	9.1		
4 No-Load speed/ 空载转速 ±10%	rpm		7130	7350	7280	7500		
5 No-Load current/空载电流 ≤125%	mA		38.2	38.2	12.5	13.3		
6 Speed constant/速度常数	rpm/V		792	613	404	313		
7 Torque constant/转矩常数	mNm/A		12.0	15.5	23.5	30.4		
8 Starting current/启动电流	mA		6767	5455	2880	2652		
9 Stall torque/堵转转矩	mNm		81.1	84.5	67.7	80.7		
10 Mechanical time constant/机械时间常数	ms		5.4	9	9.8	7.4		
11 Rotor inertia/转动惯量	gcm ²		4.6	8.2	6.9	6.3		
12 Max. efficiency/最大效率	%		86	88	87	86		
13 Motor inductance/电机电感	mH		0.1	0.22	0.50	0.72		
14 Weight of motor/电机重量	g		73	71	69	70		
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		834	834	432	342		
16 Max. continuous torque/最大连续工作转矩	mNm		10.0	12.9	10.2	10.4		
17 Nominal speed/最大连续工作电流下的转速	rpm		6251	6226	6187	6534		
18 Max. continuous power /最大连续输出功率	W		6.5	8.4	6.6	7.1		
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°C
- Max. rotor temperature/转子承受最高温度 +85°C
- Options: gearbox and ball bearings/其它可选项: 减速器和滚动轴承