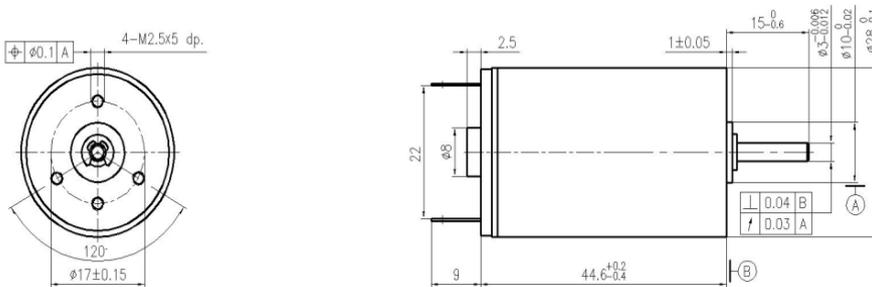


Ø28mm, precious metal brushes, sleeve bearing, with terminals/Ø28mm 贵金属电刷, 滑动轴承, 引出片

2844 Series / 2844系列		型号/model	2125.A	2223.A	2220.A	2215.A			
Motor data (25°C) / 运行参数 (25°C)									
1 Assigned power/标称功率	W		8.8	10.8	10.9	9.4			
2 Nominal voltage/额定电压	Volt		12	18	24	36			
3 Terminal resistance/端电阻 ±10%	Ohm		1.7	3.9	6.7	15.3			
4 No-Load speed/空载转速 ±10%	rpm		5760	5220	5600	5610			
5 No-Load current/空载电流 ≤125%	mA		40	20	17.1	11.3			
6 Speed constant/速度常数	rpm/V		480	290	233	156			
7 Torque constant/转矩常数	mNm/A		19.8	32.8	40.8	61.0			
8 Starting current/启动电流	mA		7186	4675	3593	2353			
9 Stall torque/堵转转矩	mNm		142.2	153.4	146.4	143.6			
10 Mechanical time constant/机械时间常数	ms		5.2	9.5	8.2	6			
11 Rotor inertia/转动惯量	gcm ²		11.2	18.4	17.6	13.2			
12 Max. efficiency/最大效率	%		86	87	87	87			
13 Motor inductance/电机电感	mH		0.13	0.48	0.75	1.37			
14 Weight of motor/电机重量	g		126	120	118	122			
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	706	534	300			
16 Max. continuous torque/最大连续工作转矩	mNm		16.5	23.2	21.8	18.3			
17 Nominal speed/最大连续工作电流下的转速	rpm		5091	4432	4768	4894			
18 Max. continuous power /最大连续输出功率	W		8.8	10.7	10.9	9.4			
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) 1.7N
 - Radial (4 mm from jamming ring)/径向 (卡簧外4mm) 5.5N
 - 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