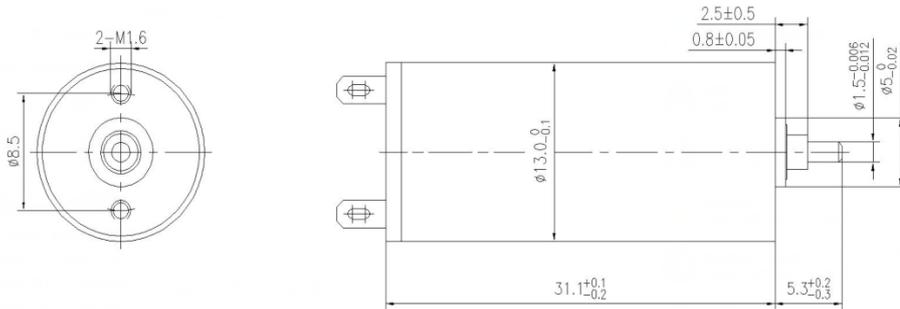


Ø13mm, precious metal brushes, front ball bearing, with terminals/Ø13mm贵金属电刷, 前滚动轴承, 引出片

1331 Series / 1331系列		型号/model	7230.A	7090.M				
Motor data (25°C)/ 运行参数 (25°C)								
1 Assigned power/标称功率	W		1.5	1.0				
2 Nominal voltage/额定电压	Volt		3	12				
3 Terminal resistance/端电阻 ±10%	Ohm		0.608	15.2				
4 No-Load speed/空载转速 ±10%	rpm		12100	11700				
5 No-Load current/空载电流 ≤125%	mA		59.2	9.47				
6 Speed constant/速度常数	rpm/V		4030	975				
7 Torque constant/转矩常数	mNm/A		2.34	9.68				
8 Starting current/启动电流	mA		4930	789				
9 Stall torque/堵转转矩	mNm		11.5	7.64				
10 Mechanical time constant/机械时间常数	ms		4.36	6.50				
11 Rotor inertia/转动惯量	gcm ²		0.392	0.401				
12 Max. efficiency/最大效率	%		79	79				
13 Motor inductance/电机电感	mH		0.0362	0.351				
14 Weight of motor/电机重量	g		16.5	16.5				
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		706	108				
16 Max. continuous torque/最大连续工作转矩	mNm		1.65	1.05				
17 Nominal speed/最大连续工作电流下的转速	rpm		10400	10100				
18 Max. continuous power/最大连续输出功率	W		1.79	1.16				
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) 0.8N
 - Radial (4 mm from jamming ring)/径向 (卡簧外4mm) 1.4 N
 - Force for press-fits (static)/最大允许安装力 (静态) 15N
- 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/其它可选项: 减速器