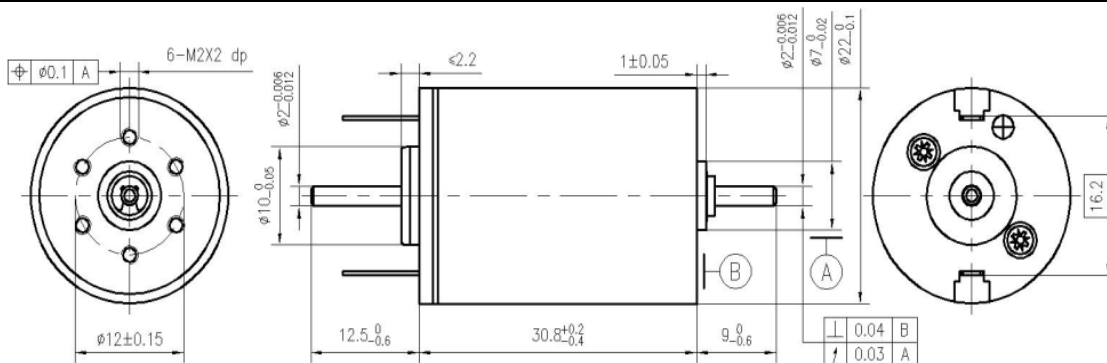


Ø22mm,graphite brushes,sleeve bearing,with terminals/wires/Ø22mm石墨电刷, 滑动轴承,引出片/引出线

2230Series / 2230系列		型号/model	6280.E	6200.E	6200.T	6180.S	6130.S		
Motor data (25°C)/ 运行参数 (25°C)									
Max. power at short term/短时运行最大功率		W	6	5	6	6	5		
values at nominal voltage/额定电压下数值									
1 Nominal voltage/额定电压	Volt		6	9	12	15	24		
2 Terminal resistance/端电阻 ±10%	Ohm		0.90	2.00	3.78	5.20	19.3		
3 No-Load speed/ 空载转速 ±10%	rpm		8,900	9,040	7,400	8,300	8,950		
4 No-Load current/空载电流 ≤125%	mA		94	50	36	29.1	16.0		
5 Speed constant/速度常数	rpm/V		1,483	1,004	617	553	373		
6 Torque constant/转矩常数	mNm/A		6.4	9.4	15.3	17.1	25.3		
7 Starting current/启动电流	mA		6,667	4,500	3,175	2,885	1,244		
8 Stall torque/堵转转矩	mNm		42.3	42.3	49	49	31		
9 Mechanical time constant/机械时间常数	ms		5.6	5.2	5.2	4.9	4.3		
10 Rotor inertia/转动惯量	gcm ²		11.1	10.4	8.4	9.0	10.3		
11 Max. efficiency/最大效率	%		81	81	80	81	79		
12 Motor inductance/电机电感	mH		0.3	0.5	0.3	0.3	0.4		
13 Weight of motor/电机重量	g		55	56	53	53	54		
Limits for continuous operation/电机连续运行区域上限									
14 Max. continuous current/最大连续工作电流	mA		1,046	534	534	432	226		
15 Max. continuous torque/最大连续工作转矩	mNm		6.64	5.02	8.18	7.4	5.7		
16 Nominal speed/最大连续工作电流下的转速	rpm		7,503	7,968	6,156	7,056	7,327		
17 Max. continuous power /最大连续输出功率	W		5.22	4.19	5.27	5.5	4.37		
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 0.02mm
- 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 ,encoder and ball bearings/其它可选项: 减速器、编码器和滚动轴承