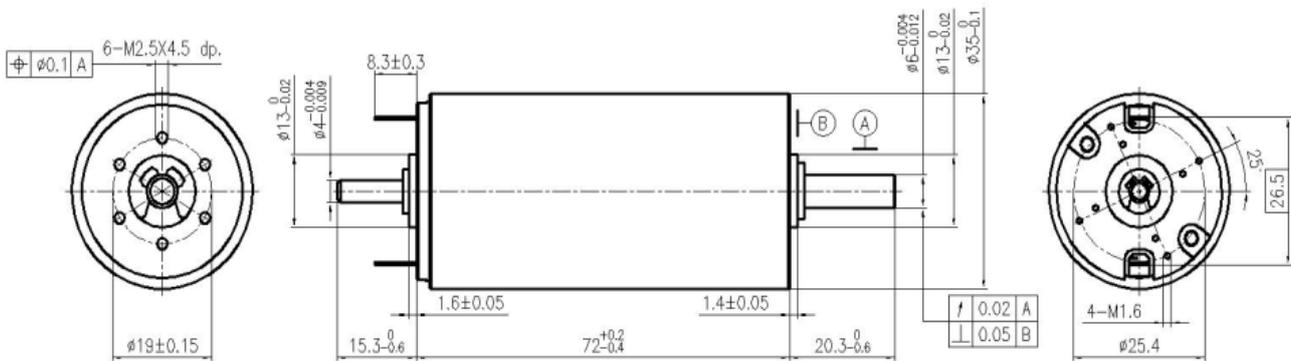


Ø35mm, graphite brushes, ball bearing, with terminals/Ø35mm石墨电刷, 滚动轴承,引出片

3572 Series / 3572系列		型号/model	7450.R	3000.A	7450.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	90	90	90				
values at nominal voltage/额定电压下数值									
1 Nominal voltage/额定电压	Volt		18	24	36				
2 Terminal resistance/端电阻	±10% Ohm		0.3	0.5	1.2				
3 No-Load speed/空载转速	±10% rpm		7,500	8,000	7,950				
4 No-Load current/空载电流	≤125% mA		413	122	225				
5 Speed constant/速度常数	rpm/V		417	333	221				
6 Torque constant/转矩常数	mNm/A		22.8	28.6	42.9				
7 Starting current/启动电流	mA		60,000	47,059	30,000				
8 Stall torque/堵转转矩	mNm		1,366	1,345.3	1,288.2				
9 Max. efficiency/最大效率	%		84	90	83				
Limits for continuous operation/电机连续运行区域上限									
10 Max. continuous current/最大连续工作电流	mA		5,723	4,121	2,861				
11 Max. continuous torque/最大连续工作转矩	mNm		130.3	117.82	122.86				
12 Nominal speed/最大连续工作电流下的转速	rpm		6,785	7,299	7,192				
13 Max. continuous power /最大连续输出功率	W		92.5	90.0	92.5				
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) 0.02~0.07 mm
- Max. ball bearing loads/滚动轴承最大载荷
 - Axial (dynamic)/轴向(动态) 5.6N
 - Radial (4 mm from jamming ring)/径向 (卡簧外4mm) 28N
 - Force for press-fits (static)/最大允许安装力 (静态) 110N
- Max. radial play ball bearing/滚动轴承最大径向间隙 0.025 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
- Extreme ambient temperature range/环境极限温度 -40~+85°C (Customized/需定制)
- Max. rotor temperature/转子承受最高温度 +125°C (Customized/需定制)
- Options: gear box, encoder and rolling bearings/其它可选项: 减速器、编码器和滑动轴承