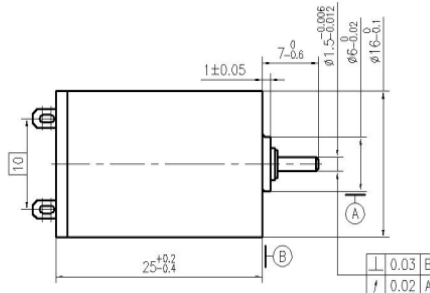
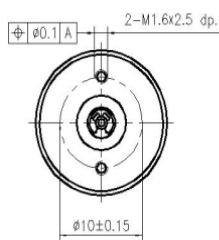


DC coreless 16SYK 直流空心杯型 16SYK

Ø16mm, precious metal brushes, sleeve bearing, with terminals/Ø16mm贵金属电刷, 滑动轴承, 引出片

1625 Series / 1625系列		型号/model	2116.A	2112.A	2212.A	2209.A	2207.A	2206.A	
Motor data (25°C)/ 运行参数 (25°C)									
1 Assigned power/标称功率	W		1	0.7	1.22	0.8	0.6	0.6	
2 Nominal voltage/额定电压	Volt		3.6	4.5	6	9	12	18	
3 Terminal resistance/端电阻 ±10%	Ohm		1.9	4.3	8.0	17.2	39.4	60.60	
4 No-Load speed/ 空载转速 ±10%	rpm		8750	7900	7730	8290	8210	8,840	
5 No-Load current/空载电流 ≤125%	mA		38.1	21.6	12.8	8.4	5.7	5.5	
6 Speed constant/速度常数	rpm/V		2431	1756	1288	921	684	491	
7 Torque constant/转矩常数	mNm/A		3.9	5.3	7.3	10.2	13.7	19.1	
8 Starting current/启动电流	mA		1905	1056	750	523	305	297	
9 Stall torque/堵转转矩	mNm		7.3	5.6	5.5	5.3	4.2	5.7	
10 Mechanical time constant/机械时间常数	ms		11.9	10.1	15.8	12.1	13.4	13.8	
11 Rotor inertia/转动惯量	gcm ²		0.7	0.5	0.8	0.7	0.6	0.5	
12 Max. efficiency/最大效率	%		74	73	76	76	75	75	
13 Motor inductance/电机电感	mH		0.08	0.12	0.52	0.57	1.05	1.08	
14 Weight of motor/电机重量	g		20	20	18	18	18	18	
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		342	192	226	108	65	48	
16 Max. continuous torque/最大连续工作转矩	mNm		1.3	1.0	1.6	1.1	0.9	0.92	
17 Nominal speed/最大连续工作电流下的转速	rpm		7181	6463	5406	6577	6447	7,410	
18 Max. continuous power /最大连续输出功率	W		1.0	0.7	0.9	0.8	0.6	0.71	
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℃
- Max. rotor temperature/转子承受最高温度 +85℃
- Options: gearbox/其它可选项: 减速器