

25**C9...M... | 碳刷 Graphite Brush

应用领域：医疗设备、智能假肢、工业机器人等精密控制领域。

Applications: medical equipment, intelligent prostheses, industrial robots, etc.

工作温度范围 | Operating temperature range: -20~+85°C

电机主要技术指标 | Motor Characteristics

2543N9C2B03-65-24.0				
1 电压	Voltage	V	24.0	
2 转子电阻	Rotor resistance	Ω	6.5	
3 空载转速	No-load speed	rpm	6500	
4 空载电流	No-load current	mA	15	
5 堵转转矩	Stall torque	mNm	129.6	
6 堵转电流	Stall current	mA	3690	
7 额定转矩	Nominal torque	mNm	37.6	
8 额定转速	Nominal speed	rpm	4570	
9 额定电流	Nominal current	mA	1070	
10 反电势常数	Back-EMF constant	mV/rpm	3.68	
11 转矩常数	Torque constant	mNm/A	35.12	

★可选参数 Options: 导线长度 Lead wires length 轴长 Shaft length 性能 Special coils

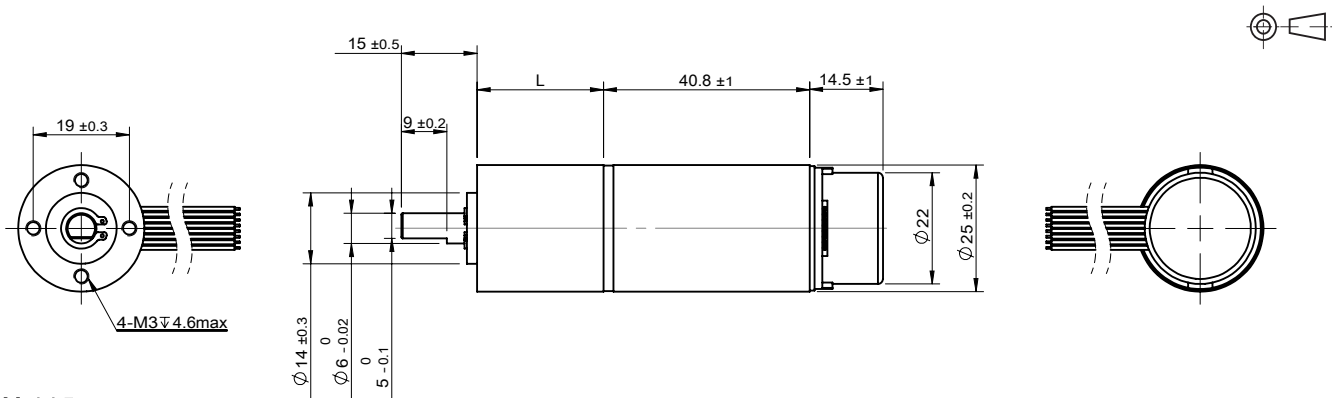
编码器主要技术指标 | Encoder Characteristics

		2		3
1 通道数	Number of channels			
2 分辨率	Counts per turn	cpt	16, 32, 64, 128, 256, 512, 1024	16, 32, 64, 128, 256, 512, 1024
3 工作电压	Supply voltage	V	5.0 (5.0)	5.0 (5.0)
4 最大转速	Max. speed	rpm	30000	30000
5 相移	Phase shift	$^{\circ}$ e	90 $\pm$ 45	90 $\pm$ 45
6 信号输出	Output signal		TTL	TTL
7 直径	Diameter	mm	22	22
8 长度	Length	mm	12	12

齿轮组主要技术指标 | Gearbox Characteristics

齿轮级数 Gearbox stages	减速比 Reduction ratio	最大额定转矩 Max. rated torque	瞬间允许转矩 Max. momentary torque	长度 Length (L)
		mNm	mNm	mm
1	3.6,4.25	300	900	18.3
2	13,15.3,18	500	1500	25
3	36,46.7,55,65,76.8	1000	3000	30.8
4	114,130,168,198,234,276,326	1000	3000	36.6
5	467,604,713,842,994,1174,1386	1000	3000	42.4
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外观图 | Outline Drawing



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