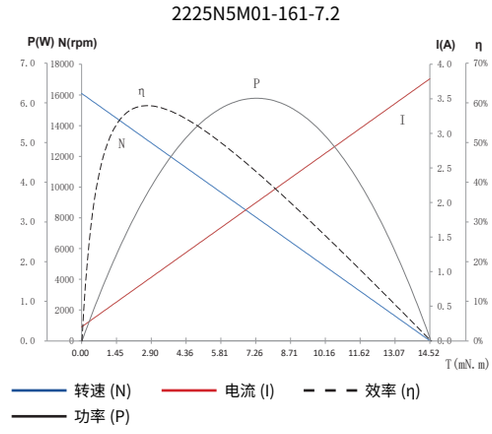
2225N5M ∅22mm*25.3mm, 贵金属电刷 Precious Metal Brushes

应用领域 : 医疗、保健、汽车、机器人、工业自动化等精密驱动领域。

Applications: precision drives in medical equipment and devices, healthcare products, automotive, robotics, and industrial automation.

					01-161-7.2	02-118-12.0
电机参数 / Motor Data						
1	电压	Voltage	V		7.2	12.0
2	端电阻	Terminal resistance	Ω		1.9	7.8
3	空载转速	No-load speed	rpm		16100	11800
4	空载电流	No-load current	mA		200	50
5	堵转转矩	Stall torque	mNm		14.5	14.2
6	堵转电流	Stall current	mA		3790	1540
7	额定转矩	Nominal torque	mNm		3	3.0
8	额定转速	Nominal speed	rpm		12770	9310
9	额定电流	Nominal current	mA		940	360
10	最大输出功率	Max. output power	W		6.1	4.4
11	最大效率	Max. efficiency	%		59	68
12	反电势常数	Back-EMF constant	mV/rpm		0.4	1
13	转矩常数	Torque constant	mNm/A		4	9.5
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm		1100	800
15	转子惯量	Rotor inertia	gcm^2		2.3	2.3
16	重量	Weight	g		43	43
热参数 / Thermal Data						
17	热阻 (机壳 - 环境)	Thermal resistance housing-ambient	K/W		22.3	
18	热阻 (线圈 - 机壳)	Thermal resistance winding-housing	K/W		28.4	
19	热时常数 (电机)	Thermal time constant motor	s		313	
20	热时常数 (线圈)	Thermal time constant winding	s		218	
21	工作温度范围	Operating temperature range	°C		-20~+85	
22	绕组耐温等级	Thermal class of winding	°C		130	
机械参数 / Mechanical Data						
23	轴向间隙	Axial play	mm		0.02~0.15	
24	径向间隙	Radial play	mm		0.014	
25	动态轴向载荷	Axial load dynamic	N		2	
26	静态轴向载荷	Axial load static	N		150	
27	径向载荷（距安装面 3mm）	Radial load at 3 mm from mounting face	N		4	
其它参数 / Other Specifications						
28	极对数	No. of pole pairs			1	
29	含油轴承	Sleeve bearings			2	
30	换向结构	Number of commutator segments			5	
31	防护等级	Protection class			IP40	

特性曲线 / Characteristics Curve



仅供参考，详细了解请以产品规格书为准。

For reference only, please refer to the product specification.

可选配置 / Options

齿轮箱 : 行星齿轮

Gearbox: planetary gearbox

齿轮组主要技术指标详见第 133 页

the main technical parameters are detailed on page 133

性能 Special coils: 连续运行范围内可定制 customizable in continuous operation range

法兰 Flange: 标准前后法兰 standard front and rear flanges / 定制法兰 custom flanges

轴 Shaft: 长度 length / 异形 shape

电气连接 Electrical connection: 端子或导线 connector or wire / 导线长度 lead wires length

外观图 / Outline Drawing