

45ZYN Rare Earth Magnet PMDC Motor

Magnet (磁铁) : Neodymium Iron 钕铁硼

Insulation Class 绝缘等级 : B , F

Protection 防护等级 : No

Shaft OD 出轴直径 : 5.0 mm

Bearing 轴承 : Ball

Winding 绕线选择 :

1. Voltage 工作电压范围 : 6 ~ 36VDC
2. Speed 额定转速范围 : 3,000 ~ 6,000 RPM
3. Power 输出功率范围 : < 30 W

● **Motor Specifications (马达特性)**

$Y[\text{oz-in}] = 0.141612 * X[\text{mNm}]$

MODEL 型号	Voltage		No Load		Rated					Stall			Motor length mm	
	Nominal	Vdc	Speed	Current	Speed	Current	Torque		Output	Eff.	Torque			Current
			r / min	A	r / min	A	g*cm	mN*m	W	%	g*cm	mN*m		A
45ZYN67-24-36	24	3600	0.3	3200	1.5	600	58.8	19.7	55				67	
45ZYN67-24-43	24	4300	0.3	3700	1.5	500	49.0	19.0	53				67	
45ZYN79-24-22	24	2200	0.2	1700	1.4	1000	98.1	17.4	52				79	
45ZYN79-24-30	24	3000	0.25	2500	1.6	1000	98.1	25.7	67				79	
45ZYN79-24-36	24	3600	0.3	3000	1.8	1000	98.1	30.8	71				79	

● **Motor Dimensions (外形尺寸图)**

