

55ZYN 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 : 8.0 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 : 1,000 ~ 3,600 RPM
3. Power 输出功率范围 : < 45 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	Speed	Current	Speed	Current	Torque		Output	Eff.	Torque		Current	
	Vdc	r / min	A	r / min	A	g*cm	mN*m	W	%	g*cm	mN*m	A	
55ZYN74-30-18	30	1800	0.3	1400	1.2	1200	117.7	17.2	48				74
55ZYN74-24-36	24	3600	0.4	3000	2.7	1200	117.7	36.9	57				74
57ZYN86-24-30	24	3000	0.36	2500	2.6	1500	147.1	38.5	62				86
57ZYN86-24-36	24	3600	0.4	3000	3	1500	147.1	46.2	64				86
57ZYN91-24-26	24	2600	0.32	2200	3.1	2000	196.1	45.2	61				91

● **Motor Dimensions (外形尺寸图)**

