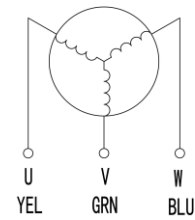


35mm Square Servo Motor 14SYNE Low Voltage Series



Winding Diagram



Electrical Specifications:

Motor Model	14SYNE483730	14SYNE485630	14SYNE487430
Number of Phase	3		
Number of Poles	8		
Rated Voltage(VDC)	48		
Rated Speed(Rpm)	3000		
Rated Torque(N.m)	0.12	0.18	0.24
Rated Power(W)	37	56	74
Rated Current(A)	1.2	1.8	2.4
Peak Current(A)	3.6	5.4	7.2
Peak Torque(N.M)	0.36	0.54	0.72
Rotor Inertia(kg.cm ²)	0.025	0.03	0.035
Torque Constant(N.m/A)	0.26	0.26	0.26
Torque Constant(V/krpm)	4.2	4.2	4.2
Line-Line Resistance(Ω)	3.3	2.8	2.2
Line-Line Inductance(mH)	3.0	2.5	2.0
L Length(mm)	59	69	79
Weight(kg)	0.35	0.45	0.55
(P/R) Encoder Resolution	1000, 1024, 2500, 4096, 17bit		

*Note: We can manufacture products according to customer's requirements

Dimensions (Unit: mm)

