



Maximum speed 6000rpm

Waterproof level IP54/65

Maximum torque 1.20Nm

Rated power 100W

Product specification

technical parameter		AC220V
Sevor Motor Model	ZKSY40-	220100
Rated Power	W	100
Pole pairs	/	5
Stall Torque	Nm	0.32
Rated Torque	Nm	0.32
Maximum Torque	Nm	1.20
Quiescent current	Arms	1.0
Rated Current	Arms	1.0
Maximum Current	Arms	4.0
Rated Speed	rpm	3000
Maximum Speed	rpm	6000
Torque Constant	Nm/A	0.32
Rotor moment of inertia	10 ⁻⁴ kgm ²	0.069
IP level	/	IP54/65
Thermal Class	/	Class F
Line Resistance	Ohm	23.1
Line Inductance	mH	13.3
EMF	V/krpm	22
Total length of motor (L)	mm	72

Incremental encoder cable definition		
Pin number	signal	linear color
1	GND	black
2	Vcc	red
3	W+	ash
4	V+	orange
5	U+	blue
6	Z+	palm
7	B+	white
8	A+	yellow
9	/	/
10	/	/
11	/	/
12	/	/
13	Z-	purple
14	B-	powder
15	A-	green

Absolute value encoder line color definition		
Pin number	signal	linear color
1	PE	black
2	5V	red
3	0V	black
4	SD+	blue
5	SD-	yellow
6	VB+	palm
7	VB-	white

Pin number	Power cord definition	
1	U	red
2	V	white
3	W	black
4	PE	yellow-green

Product appearance

