



Maximum speed 6000rpm

Waterproof level IP54/65

Maximum torque 0.60Nm

Rated power 100W

Product specification

technical parameter		DC24V
Sevor Motor Model	ZKSY40-	24100
Rated Power	W	100
Pole pairs	/	5
Stall Torque	Nm	0.32
Rated Torque	Nm	0.32
Maximum Torque	Nm	1.14
Quiescent current	Arms	10
Rated Current	Arms	10
Maximum Current	Arms	40
Rated Speed	rpm	3000
Maximum Speed	rpm	6000
Torque Constant	Nm/A	0.03
Rotor moment of inertia	10^{-4}kgm^2	0.069
IP level	/	IP54/65
Thermal Class	/	Class F
Line Resistance	Ohm	0.22
Line Inductance	mH	0.18
EMF	V/krpm	2
Total length of motor (L)	mm	72

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

Pin number	signal	linear color
1	GN	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

Allowable load

Position of stress point	mm	25
Radial allowable load	N	55
Axial allowable load	N	80

Brake parameters

Rated voltage	VDC	$24 \pm 10\%$
resistance	Ohm	$94.4 \pm 7\%$
excitation current	ADC	0.25
Holding torque	Nm	0.32
Pull-in time	ms	<50
Release time	VDC	<20
Moment of inertia	10^{-4}kgm^2	0.00231
Swing clearance	°	<0.5

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

Product appearance

