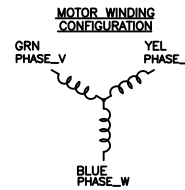


MOTOR SPECIFICATIONS

		SV060AS220-200	SV060AS220-300
Voltage	VAC	220	
Rated Power	W	200	400
Rated Torque	Nm	0.64	1.27
Rated Speed	RPM	3000	
Rated Current	A	1.7	2.5
Max. Torque	Nm	1.91	3.81
Max. Speed	RPM	6000	
Resistance	Ohms	5.6	3.03
D Axis Inductance	mH	5.9	3.0
Q Axis Inductance	mH	6.2	3.3
Back EMF	V/KRPM	28	31
Torque Constant	Nm/A	0.38	0.51
Time Constant	ms	2.21	2.18
Rotor Inertia	Kg.cm ²	0.26	0.52
Number of Poles		10	
Encoder Lines		2500	
Insulation Class		F	
Weight	Kg	0.85	1.25
Length	mm	92 (braking 1.25)	109.5 (braking 1.65)



MOTOR CONNECTIONS	
COLOR	SIGNAL
YEL	U
GRN	V
BLUE	W
YEL/GRN	GND

ENCODER CONNECTIONS		
PIN	COLOR	SIGNAL
1	BLU	A+
2	GRN	B+
3	BLK	GND
4	GAY	W+
5	BRN	U+
6	BRN/BLK	U-
7	YEL	Z+
8	YEL/BLK	Z-
9	WHT	V+
10	WHT/BLK	V-
11	BLU/BLK	A-
12	GRN/BLK	B-
13	RED	+5v
14	GAY/BLK	W-
15	/	/

ENCODER SPECIFICATION	
VOLTAGE	+5VDC±5%
CURRENT	<60mA
FREQUENCY	0~300khz
TEMPERATURE	-30~105°C
ENCODER	2500PPR

OUTPUT WAVEFORMS

ROTATION:CCW AS VIEWED FROM SHAFT END

Unit: mm	Technical reference	Created by	Approved by
		Document type	Document status
		Title <h1>SV060AS220</h1>	
		Rev.	Date of issue
		Sheet	