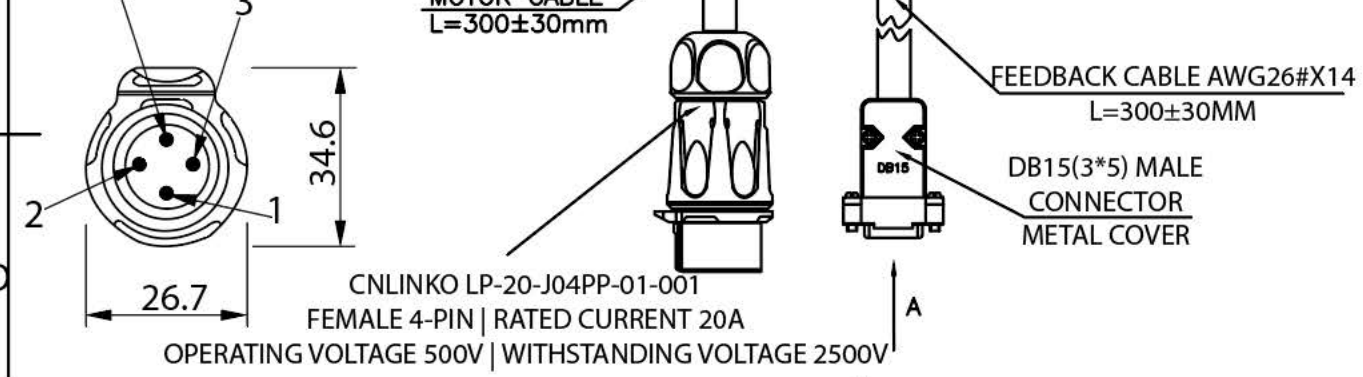
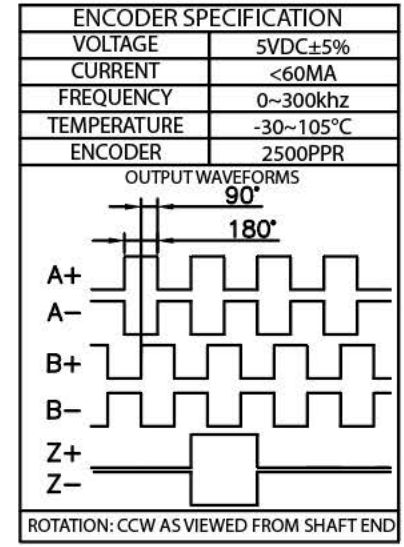
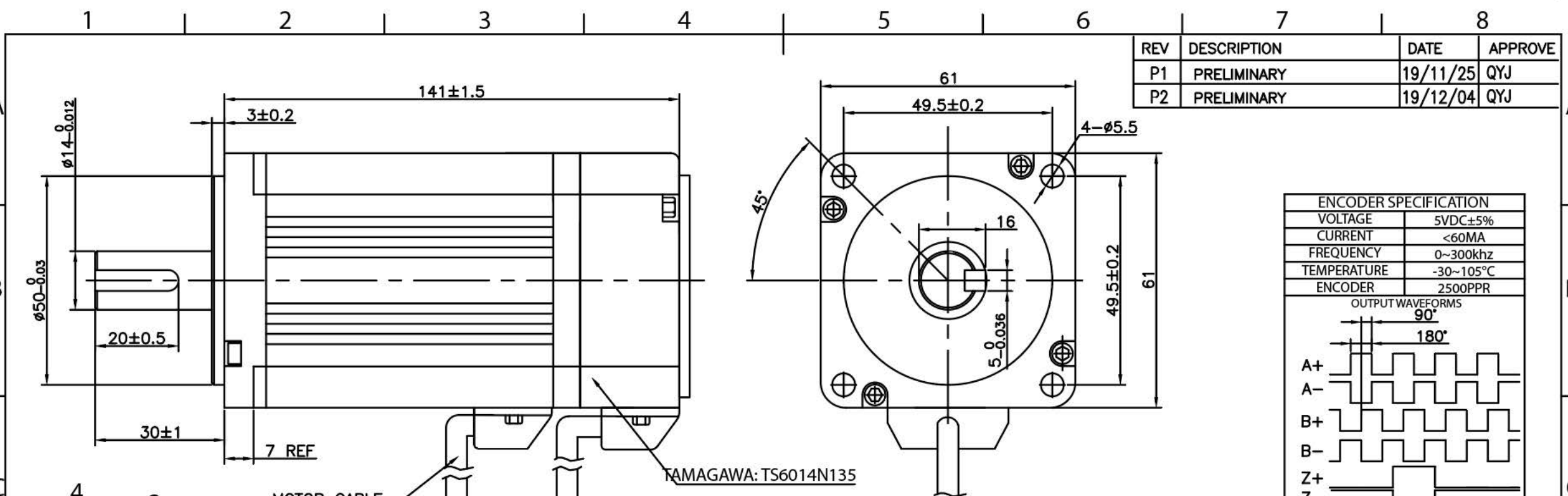
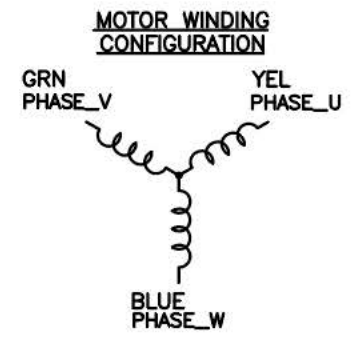
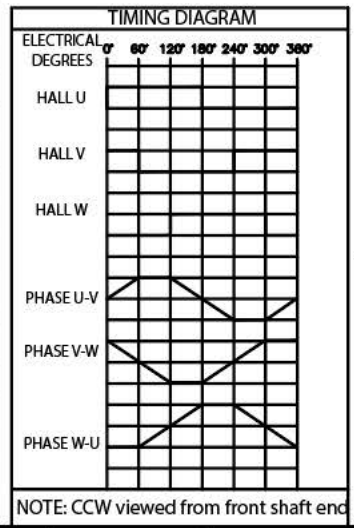


REV	DESCRIPTION	DATE	APPROVE
P1	PRELIMINARY	19/11/25	QYJ
P2	PRELIMINARY	19/12/04	QYJ



MOTOR PARAMETERS @25°C		
PARAMETER	UNIT	VALUE
Supply Voltage	VDC	48
Rated Continuous Torque	Nm	1.30
Rated Speed at Cont. Torque	rpm	3000
Rated Continuous Stall Current	A	8.41
Rated Continuous Output Power	W	410
Motor Constant	Nm/w	0.1408
Torque Constant	Nm/A	0.0745
Voltage Constant	Vrms/krpm	5.8
Terminal Resistance	ohms	0.18
Inductance	mH	0.2
Rated Peak Current	A	56.89
Rated Peak Torque	Nm	4.05
Coulomb Friction Torque	Nm	0.025
Insulation Class		F
Rotor Inertia	Kg.m ²	2.9E-05
Motor Weight	Kg	1.54
Feedback Device: 2500p/rev Incremental Encoder		



MOTOR CONNECTIONS		
PIN	COLOR	SIGNAL
1	YEL	U
2	BLUE	W
3	GRN	V
4	YEL/GRN	GND

PIN	COLOR	SIGNAL
1	BLU	A+
2	GRN	B+
3	BLK	GNC
4	GRY	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	GRY/BLK	W-
15	/	/

Dept.	Technical reference	Created by	Approved by
		Document type	Document Status
		SV060AS-03	
BRUSHLESS SERVO MOTOR		Rev. 1	Date of issue 5-14-2020
		Sheet	