



BRAKE RATED VOLTAGE(VDC)	24
BRAKE RATED POWER(W)	24
BRAKE HOLDING TORQUE(Nm)	16
BRAKE RATED RESISTANCE(Ω)	24±7%

SPECIFICATION	VALUE
RATED VOLTAGE(VAC)	220
RATED POWER(W)	1300
RATED TORQUE(Nm)	8.34
PEAK TORQUE(Nm)	24.84
RATED SPEED(RPM)	1500
PEAK SPEED(RPM)	3000
RATED CURRENT(Amp)	8.61
PEAK CURRENT(Amp)	37.95
TORQUE CONST(Nm/Amp)	1.505
BACK EMF CONST(V/KRPM)	100.24
RESISTANCE(Ω)	1.755
INDUCTANCE(mH)	4.095
INERTIA(Kg·m <sup>2</sup> ·10 <sup>-4</sup> )	13
POLES	10
ENCODER TYPE	17bit magnetic
IP RATING	IP67
WEIGHT(KG)	7.30

WIRING DETAILS OF POWER CABLE CONNECTOR						
PIN No.	A	B	C	D	1	2
DESCRIPTION	U	V	W	PE	BK	BK
COLOR	-	-	-	-	-	-

WIRING DETAILS OF ENCODER CABLE CONNECTOR							
PIN No.	1	2	4	5	6	9	10
DESCRIPTION	DATA+	DATA-	+5V	BAT-	BAT+	0V	SHELL
	-	-	-	-	-	-	-

THE PART NUMBER OF CABLE FOR A6M130-1300H2B1-M17 MOTOR		
POWER CABLE	AS7-C-PWB062-3.0	3m
ENCODER CABLE	AS7-C-ENC072-3.0	3m



	APVD	LJ	4.17.2026
	CHKD		
1:3	DRN	LDJ	4.9.2026
SCALE	SIGNATURE		DATE

**AC SERVO MOTOR**  
**A6M130-1300H2B1-M17**