



SPECIFICATION	VALUE
RATED VOLTAGE(VAC)	380
RATED POWER(W)	2000
RATED TORQUE(Nm)	6.37
PEAK TORQUE(Nm)	19.1
RATED SPEED(RPM)	3000
PEAK SPEED(RPM)	6000
RATED CURRENT(Amp)	6.95
PEAK CURRENT(Amp)	22.2
TORQUE CONST(Nm/Amp)	0.917
BACK EMF CONST(V/KRPM)	62.2
RESISTANCE(Ω)	0.850
INDUCTANCE(mH)	12.63
INERTIA(Kg•m ² •10 ⁻⁴)	3.65
POLES	10
ENCODER TYPE	17bit magnetic
IP RATING	IP67
WEIGHT(KG)	5.30

WIRING DETAILS OF POWER CABLE CONNECTOR							
	PIN No.	A	B	C	D	-	-
	DESCRIPTION	U	V	W	PE	-	-
	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 A6M100-2000H3A1-M17 MOTOR		
POWER CABLE	AS7-C-PWR062-3.0	3m
ENCODER CABLE	AS7-C-ENC072-3.0	3m



	APVD	LJ	4.16.2026
	CHKD		
1:3	DRN	LDJ	4.8.2026
SCALE	SIGNATURE		DATE

AC SERVO MOTOR

A6M100-2000H3A1-M17