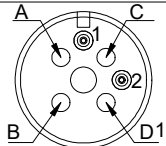
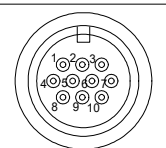


SPECIFICATION	VALUE
RATED VOLTAGE(VAC)	380
RATED POWER(W)	2500
RATED TORQUE(Nm)	7.96
PEAK TORQUE(Nm)	26.5
RATED SPEED(RPM)	3000
PEAK SPEED(RPM)	6000
RATED CURRENT(Amp)	8.01
PEAK CURRENT(Amp)	27.8
TORQUE CONST(Nm/Amp)	0.974
BACK EMF CONST(V/KRPM)	61.45
RESISTANCE(Ω)	0.644
INDUCTANCE(mH)	9.98
INERTIA(Kg·m <sup>2</sup> ·10 <sup>-4</sup> )	5.11
POLES	10
ENCODER TYPE	17bit magnetic
IP RATING	IP67
WEIGHT(KG)	7.10

BRAKE RATED VOLTAGE(VDC)	24
BRAKE RATED POWER(W)	17.6
BRAKE HOLDING TORQUE(Nm)	8
BRAKE RATED RESISTANCE(Ω)	32.7±7%

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 A6M100-2500H3B1-M17 MOTOR		
POWER CABLE	AS7-C-PWB062-3.0	3m
ENCODER CABLE	AS7-C-ENC072-3.0	3m

**STEPPERONLINE®**

	APVD	LJ	4.24.2026
	CHKD		
1:3	DRN	LDJ	4.24.2026
SCALE	SIGNATURE		DATE

**AC SERVO MOTOR**

**A6M100-2500H3B1-M17**