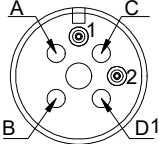
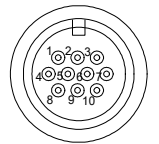


SPECIFICATION	VALUE
RATED VOLTAGE(VAC)	380
RATED POWER(W)	2000
RATED TORQUE(Nm)	6.37
PEAK TORQUE(Nm)	19.1
RATED SPEED(RPM)	3000
PEAK SPEED(RPM)	6000
RATED CURRENT(Amp)	6.95
PEAK CURRENT(Amp)	22.2
TORQUE CONST(Nm/Amp)	0.917
BACK EMF CONST(V/KRPM)	62.2
RESISTANCE(Ω)	0.850
INDUCTANCE(mH)	12.63
INERTIA(Kg•m ² •10 ⁻⁴)	4.40
POLES	10
ENCODER TYPE	17bit magnetic
IP RATING	IP67
WEIGHT(KG)	6.10

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 A6M100-2000H3B1-M17 MOTOR		
POWER CABLE	AS7-C-PWB062-3.0	3m
ENCODER CABLE	AS7-C-ENC072-3.0	3m

STEPPERONLINE®

	APVD	LJ	4.17.2026
	CHKD		
1:3	DRN	LDJ	4.8.2026
SCALE	SIGNATURE		DATE

AC SERVO MOTOR

A6M100-2000H3B1-M17