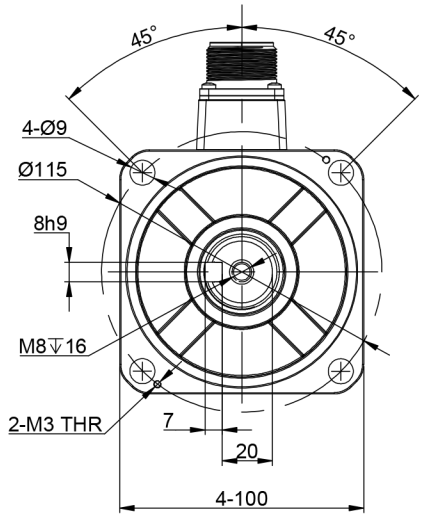
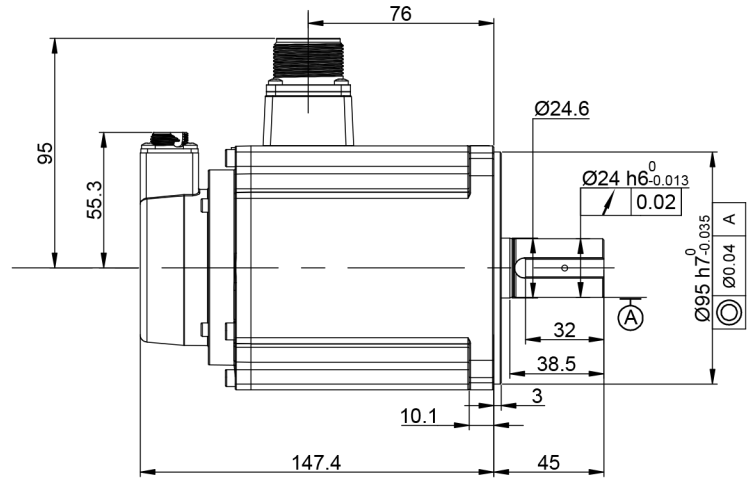
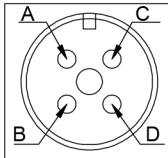
DWG NO.	A5981

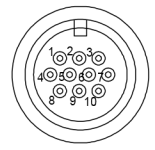




SPECIFICATION	VALUE
RATED VOLTAGE(VAC)	220
RATED POWER(W)	1500
RATED TORQUE(Nm)	4.78
PEAK TORQUE(Nm)	14.34
RATED SPEED(RPM)	3000
PEAK SPEED(RPM)	6000
RATED CURRENT(Amp)	8.80
PEAK CURRENT(Amp)	15.65
TORQUE CONST(Nm/Amp)	-
BACK EMF CONST(V/KRPM)	38.85
RESISTANCE(Ω)	0.403
INDUCTANCE(mH)	-
INERTIA($Kg•m^2•10^{-4}$)	2.51
POLES	10
ENCODER TYPE	17bit magnetic
IP RATING	IP67
WEIGHT(KG)	4.30



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 A6M100-1500H2A1-M17 MOTOR		
POWER CABLE	AS7-C-PWR062-3.0	3m
ENCODER CABLE	AS7-C-ENC072-3.0	3m

	APVD	LJ	4.17.2026
	CHKD		
1:3	DRN	LDJ	3.16.2026
SCALE	SIGNATURE		DATE

AC SERVO MOTOR

A6M100-1500H2A1-M17