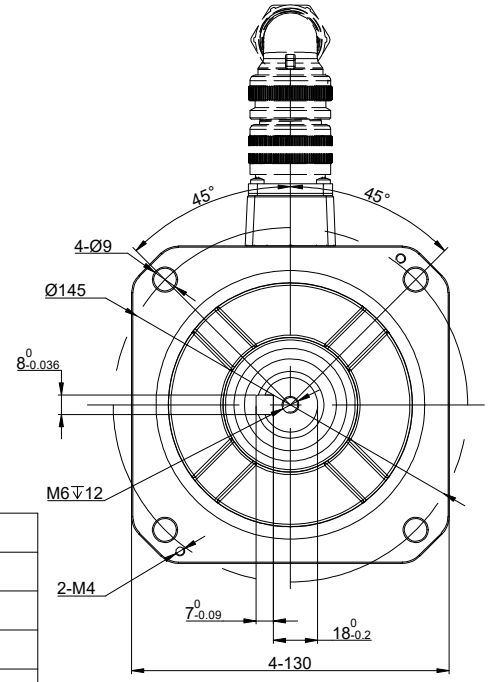
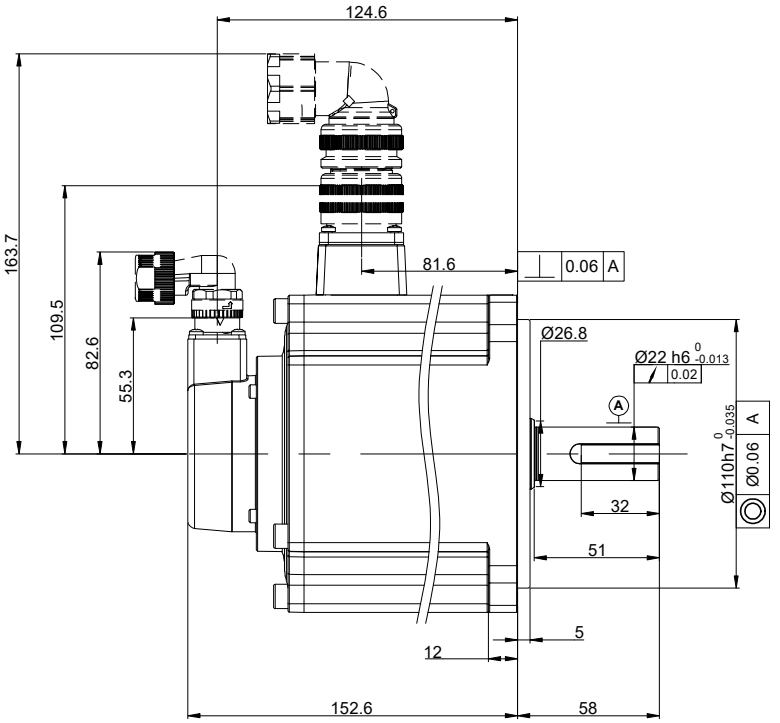
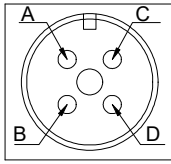
DWG NO.	A5990

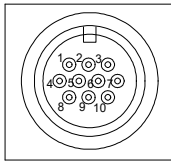




SPECIFICATION	VALUE
RATED VOLTAGE(VAC)	380
RATED POWER(W)	1800
RATED TORQUE(Nm)	11.5
PEAK TORQUE(Nm)	28.75
RATED SPEED(RPM)	1500
PEAK SPEED(RPM)	3000
RATED CURRENT(Amp)	7.03
PEAK CURRENT(Amp)	19.03
TORQUE CONST(Nm/Amp)	--
BACK EMF CONST(V/KRPM)	106.06
RESISTANCE(Ω)	--
INDUCTANCE(mH)	--
INERTIA(Kg•m^2•10^{-4})	--
POLES	10
ENCODER TYPE	17bit magnetic
IP RATING	IP67
WEIGHT(KG)	--



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 A6M130-1800H3A1-M17 MOTOR		
POWER CABLE	AS7-C-PWR062-3.0	3m
ENCODER CABLE	AS7-C-ENC072-3.0	3m

STEPPERONLINE®

	APVD	LJ	4.17.2026	AC SERVO MOTOR
	CHKD			
1:3	DRN	LDJ	4.9.2026	A6M130-1800H3A1-M17
SCALE	SIGNATURE		DATE	