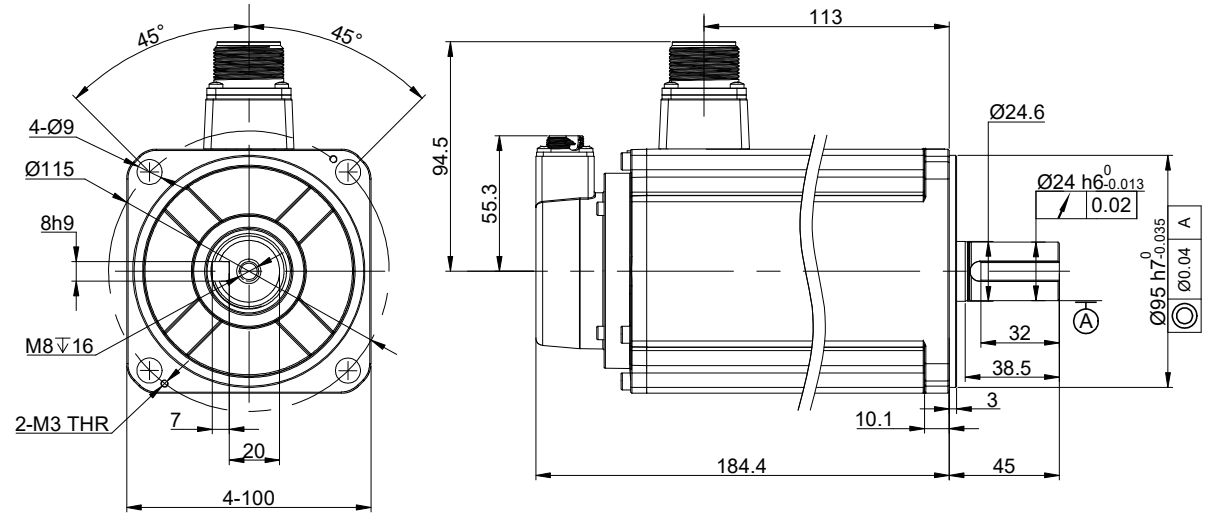


SPECIFICATION	VALUE
RATED VOLTAGE(VAC)	380
RATED POWER(W)	2500
RATED TORQUE(Nm)	7.96
PEAK TORQUE(Nm)	26.5
RATED SPEED(RPM)	3000
PEAK SPEED(RPM)	6000
RATED CURRENT(Amp)	8.01
PEAK CURRENT(Amp)	27.8
TORQUE CONST(Nm/Amp)	0.974
BACK EMF CONST(V/KRPM)	61.45
RESISTANCE(Ω)	0.644
INDUCTANCE(mH)	9.98
INERTIA($\text{Kg}\cdot\text{m}^2\cdot 10^{-4}$)	4.36
POLES	10
ENCODER TYPE	17bit magnetic
IP RATING	IP67
WEIGHT(KG)	6.30



A	WIRING DETAILS OF POWER CABLE CONNECTOR					
	PIN No.	A	B	C	D	-
	DESCRIPTION	U	V	W	PE	-
	COLOR	-	-	-	-	-

A	WIRING DETAILS OF ENCODER CABLE CONNECTOR						
	PIN No.	1	2	4	5	6	9
	DESCRIPTION	DATA+	DATA-	+5V	BAT-	BAT+	0V
		-	-	-	-	-	-

THE PART NUMBER OF CABLE FOR A6M100-2500H3A1-M17 MOTOR		
POWER CABLE	AS7-C-PWR062-3.0	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
A6M100-2500H3A1-M17