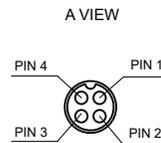
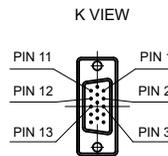
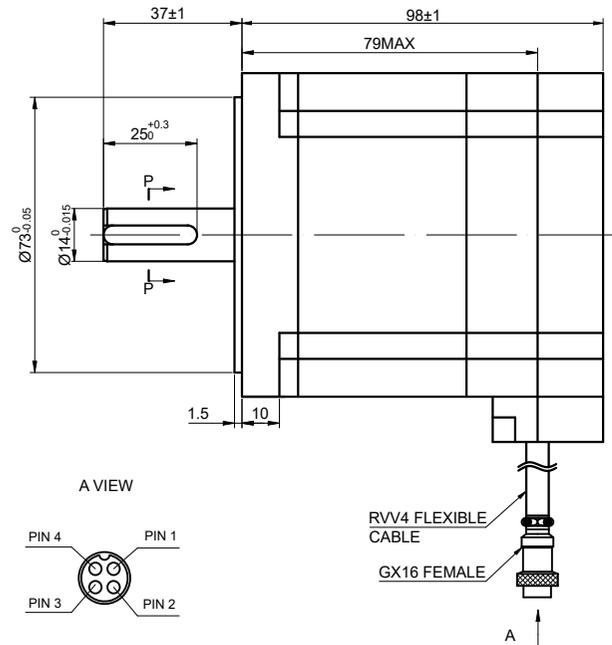
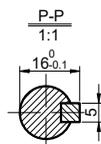
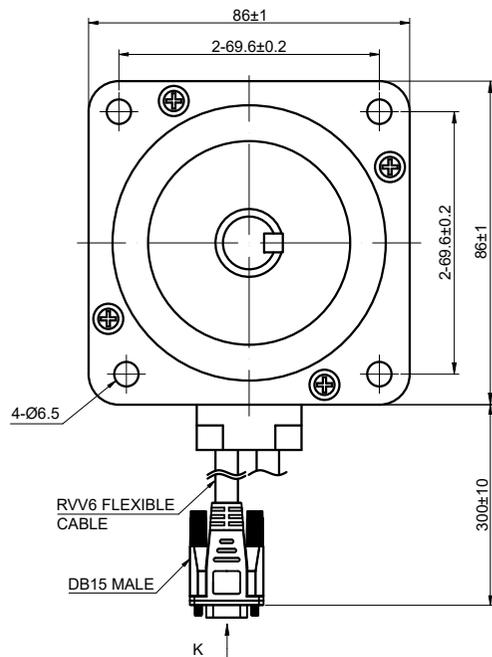


DWG NO. -



ENCODER RESOLUTION:1000PPR(4000CPR)

15-PIN DB MALE PLUG	1	2	3	11	12	13
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-

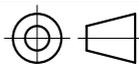
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-		CCW
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

UNIT mm
 GB/T 1804-M EQV.ISO
 2768-1 CLASS M:
 ≤6 ±0.1
 >6~30 ±0.2
 >30~120 ±0.3
 >120~400 ±0.5

WINDING			CONNECTION	BIPOLAR
			SPECIFICATION	
			AMPS/PHASE	6.00
			RESISTANCE/PHASE(Ohms)@25°C	0.30±10%
			INDUCTANCE/PHASE(mH)@1KHz	2.10±20%
			HOLDING TORQUE(Nm)[lb-in]	4.30[38.06]
			STEP ANGLE(°)	1.80
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm ²)	1400
1	A+	--	WEIGHT(Kg)[lb]	—
2	A-	--	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
3	B+	--	INSULATION CLASS	B 130°C[266°F]
4	B-	--	TEMPERATURE RISE	MAX.80°C

OSMTEC®
 Stepper Motor Specialists



mm

UNITS

1:2

SCALE

DRN

APVD

SIGNATURE

ZPJ

YSX

1.15.2026

1.15.2025

DATE

STEPPER MOTOR

34HS31-6004D-E1000