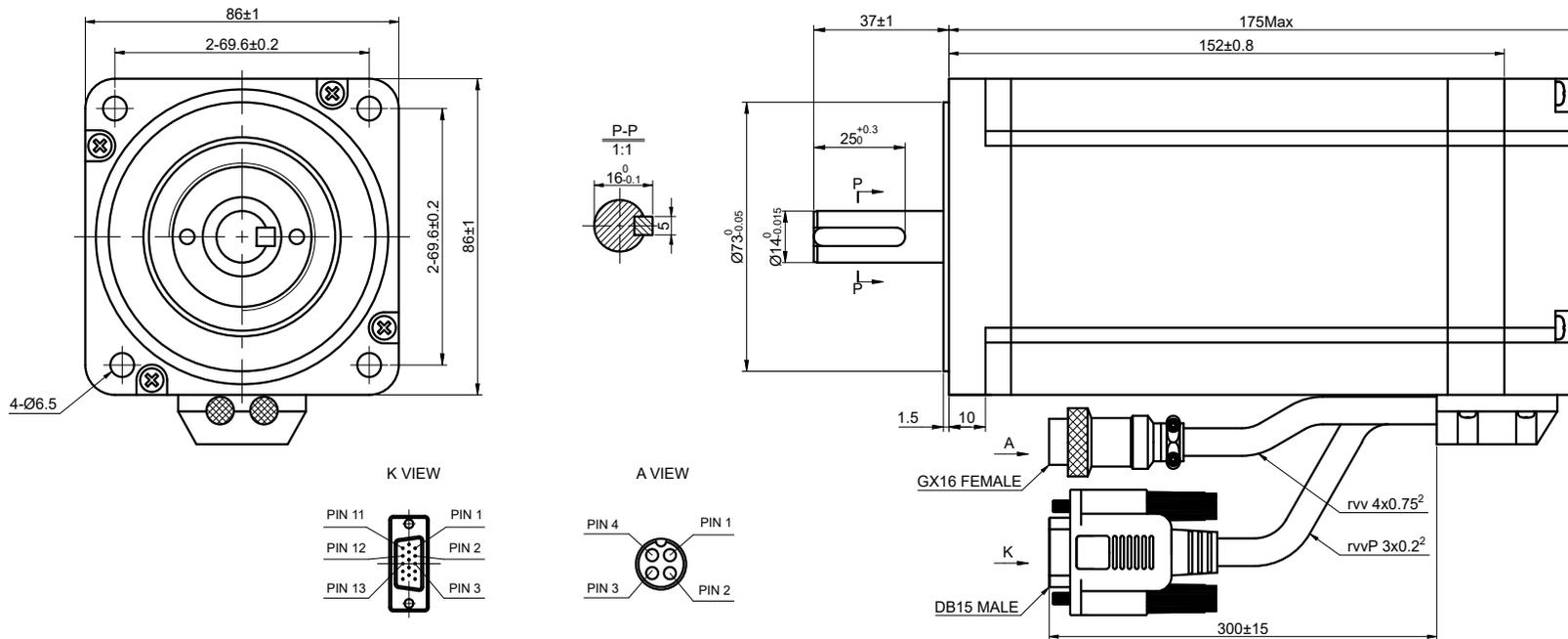


DWG NO. -



ENCODER RESOLUTION:1000PPR(4000CPR)

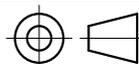
15-PIN DB MALE PLUG	1	2	3	11	12	13
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-

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

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

WINDING			SPECIFICATION	CONNECTION	BIPOLAR
			AMPS/PHASE		6.00
			RESISTANCE/PHASE(Ohms)@25°C		0.53±10%
			INDUCTANCE/PHASE(mH)@1KHz		4.80±20%
			HOLDING TORQUE(Nm)[lb-in]		12.00[106.29]
			STEP ANGLE(°)		1.80
			STEP ACCURACY(NON-ACCUM)		±5.00%
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm ²)		3600
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

1.15.2026

DATE

STEPPER MOTOR

34HS59-6004D-E1000