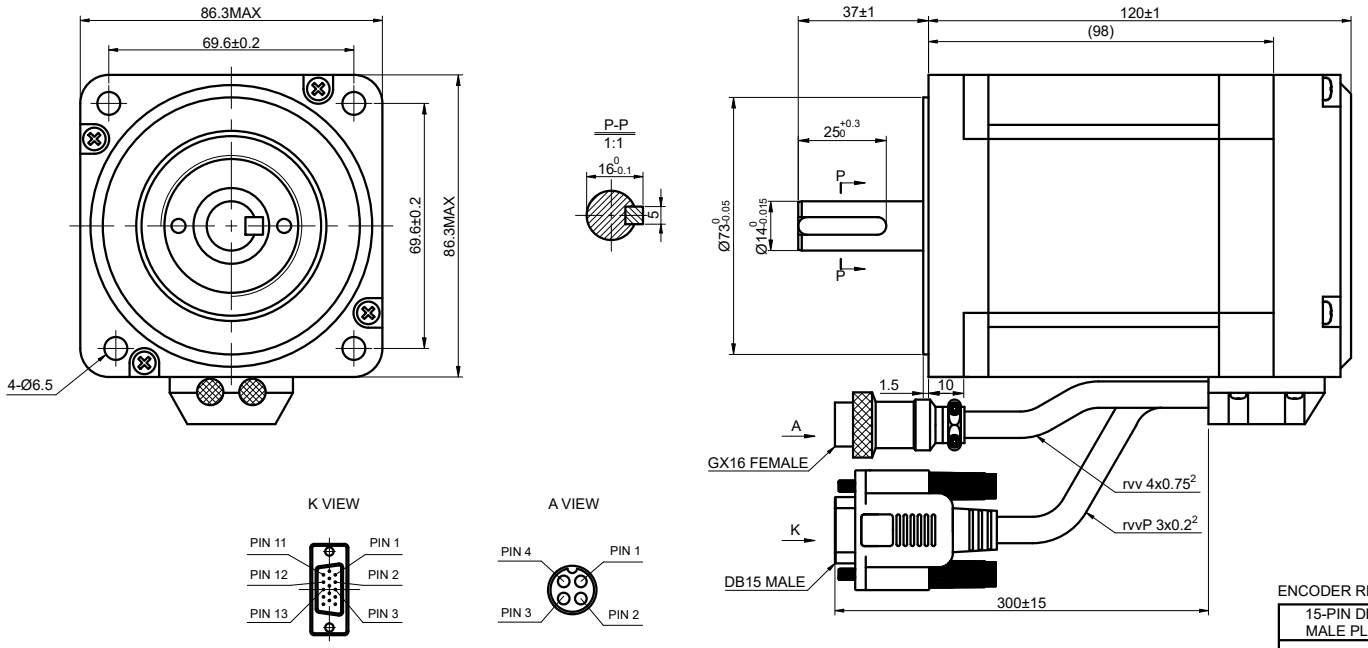
MODEL NO.	34HS39-6004D-E1000	DWG NO.	A2270

CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	YSX	1.6.2025



ENCODER RESOLUTION:1000PPR(4000CPR)

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

CONNECTION / SPECIFICATION	BIPOLAR
AMPS/PHASE	6.00
RESISTANCE/PHASE(Ohms)@25°C	0.36±10%
INDUCTANCE/PHASE(mH)@1KHz	2.60±20%
HOLDING TORQUE(Nm)[lb-in]	6.50[57.53]
STEP ANGLE(°)	1.80±5.00%
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm²)	3600
WEIGHT(Kg)[lb]	3.3[7.72]
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

COMMENT:
1.DYNAMIC AXIAL LOAD: 15N MAX
2.DYNAMIC RADIAL LOAD @ SHAFT LENGTH 20mm: 75N MAX
3.TMBF 6000h OR MORE @ 24V/300RPM
4.INSULATION RESISTANCE
(NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm
5.DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)

MOTOR CONNECTION		
PIN NO	BIPOLAR	WINDING
1	A+	A+ / A- / B+ / B-
2	A -	
3	B+	
4	B -	

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

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

CW ↓ CCW ↑

DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES AS BELOW:

DECIMALS	ANGLES
X ±0.5	±2°
X.X ±0.25	
X.XX ±0.13	

THIRD ANGLE PROJECTION

THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION CONTAINED HEREIN BE USED BY OR DISCLOSED TO OTHERS UNLESS EXPRESSLY AUTHORIZED IN BY WRITING STEPPERONLINE.

	SIGNATURE	DATE
DRN	YSX	1.6.2025
APVD	MYX	1.6.2025

STEPPERONLINE®

STEPPER MOTOR

34HS39-6004D-E1000

REV.	0	SCALE	2:3	DWG NO.	A2270