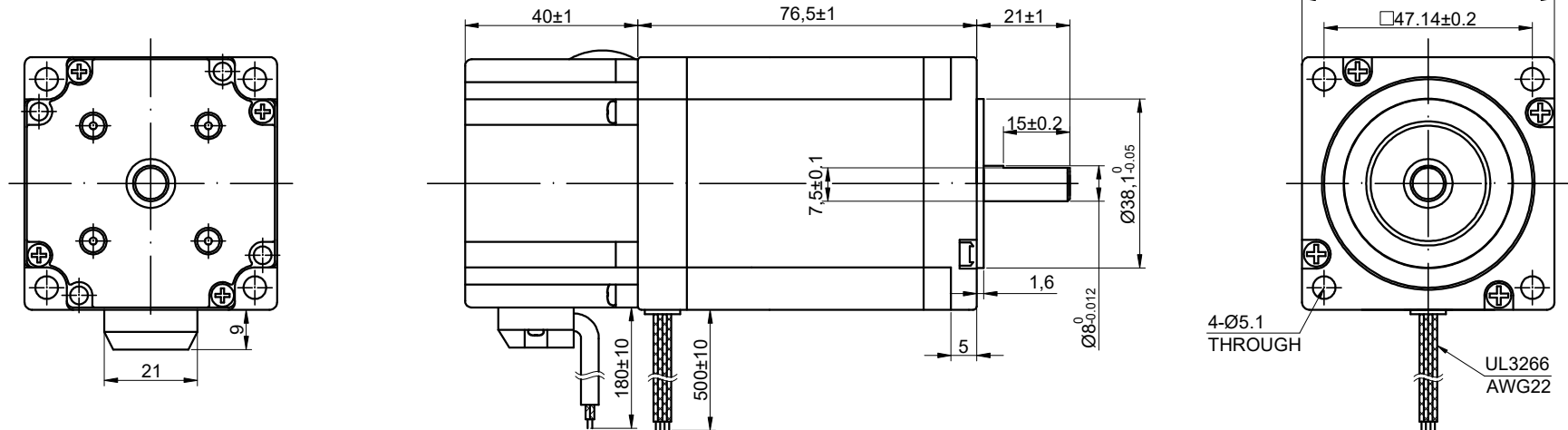


MODEL NO.	Z3HS30-5004D-B280	DWG NO.	A2792
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CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LDJ	1.11.2024

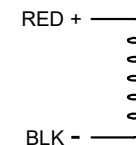


CONNECTION	BIPOLAR
SPECIFICATION	
AMPS/PHASE	5.00
RESISTANCE/PHASE(Ohms)@20°C	0.42±10%
INDUCTANCE/PHASE(mH)@1KHz	1.70±20%
HOLDING TORQUE(Nm)[lb-in]	2.00[17.70]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g·cm²)	480.00
WEIGHT(Kg)[lb]	1.40[3.07]
AMBIENT TEMPERATURE	0°C~50°C[32°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

COMMENT:
1.DYNAMIC AXIAL LOAD: 10N MAX
2.DYNAMIC RADIAL LOAD @ SHAFT LENGTH 20mm: 21N 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)

BRAKE CONNECTIONS

24V 2.8N.m



MOTOR CONNECTION			
PIN NO	BIPOLAR	LEADS	WINDING
1	A+	BLK	
2	A -	GRN	
3	B+	RED	
4	B -	BLU	

FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)						DIMENSIONS ARE IN MILLIMETERS.	
STEP	A+	B+	A-	B-		TOLERANCES AS BELOW:	
1	+	+	-	-		DECIMALS	ANGLES
2	-	+	+	-		X ±0.5	±2°
3	-	-	+	+		X.X ±0.25	
4	+	-	-	+		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	LDJ	1.11.2024
APVD	HW	1.11.2024

STEPPER MOTOR

REV.	0	SCALE	1:1	DWG NO.	A2792
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