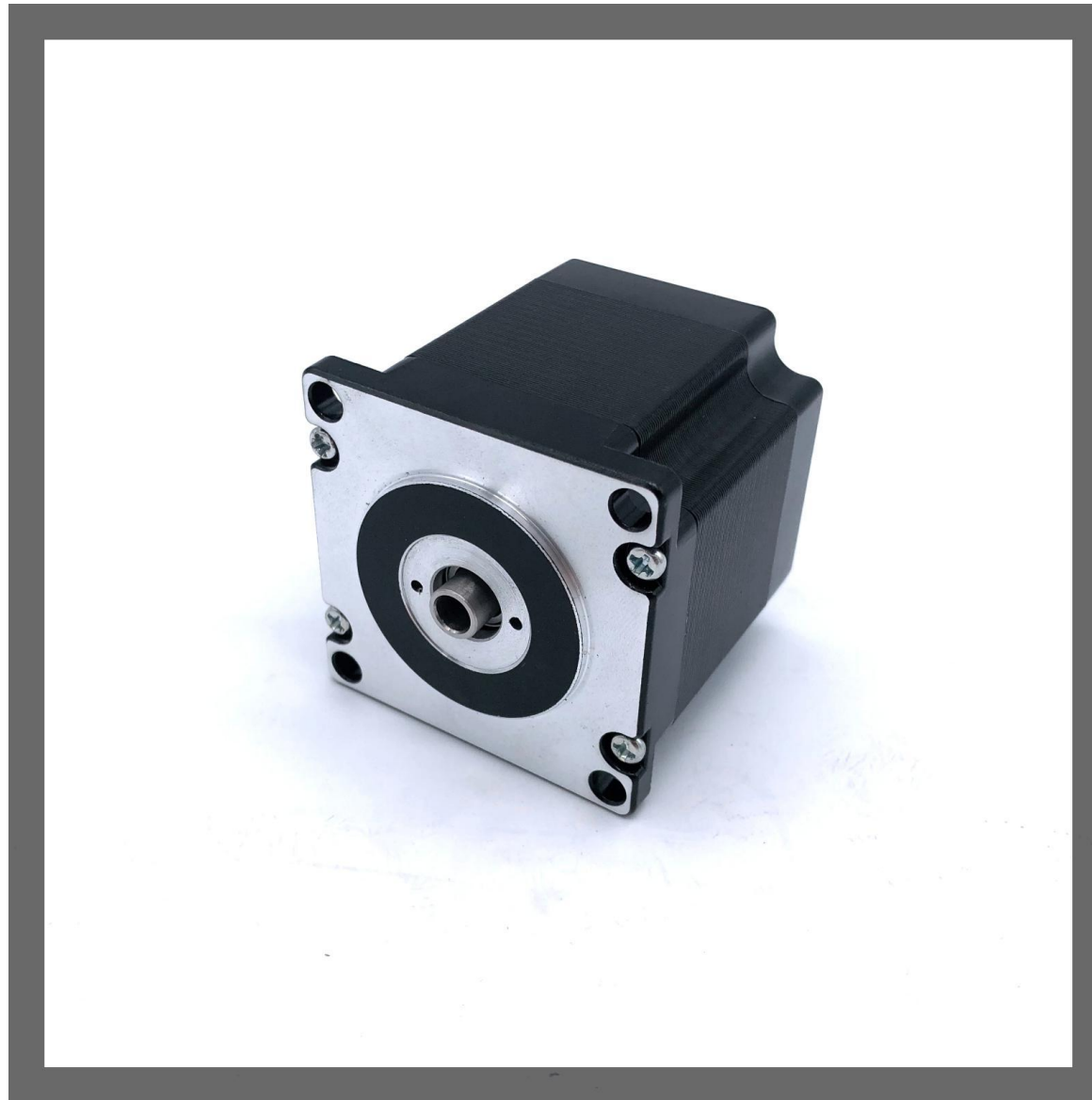


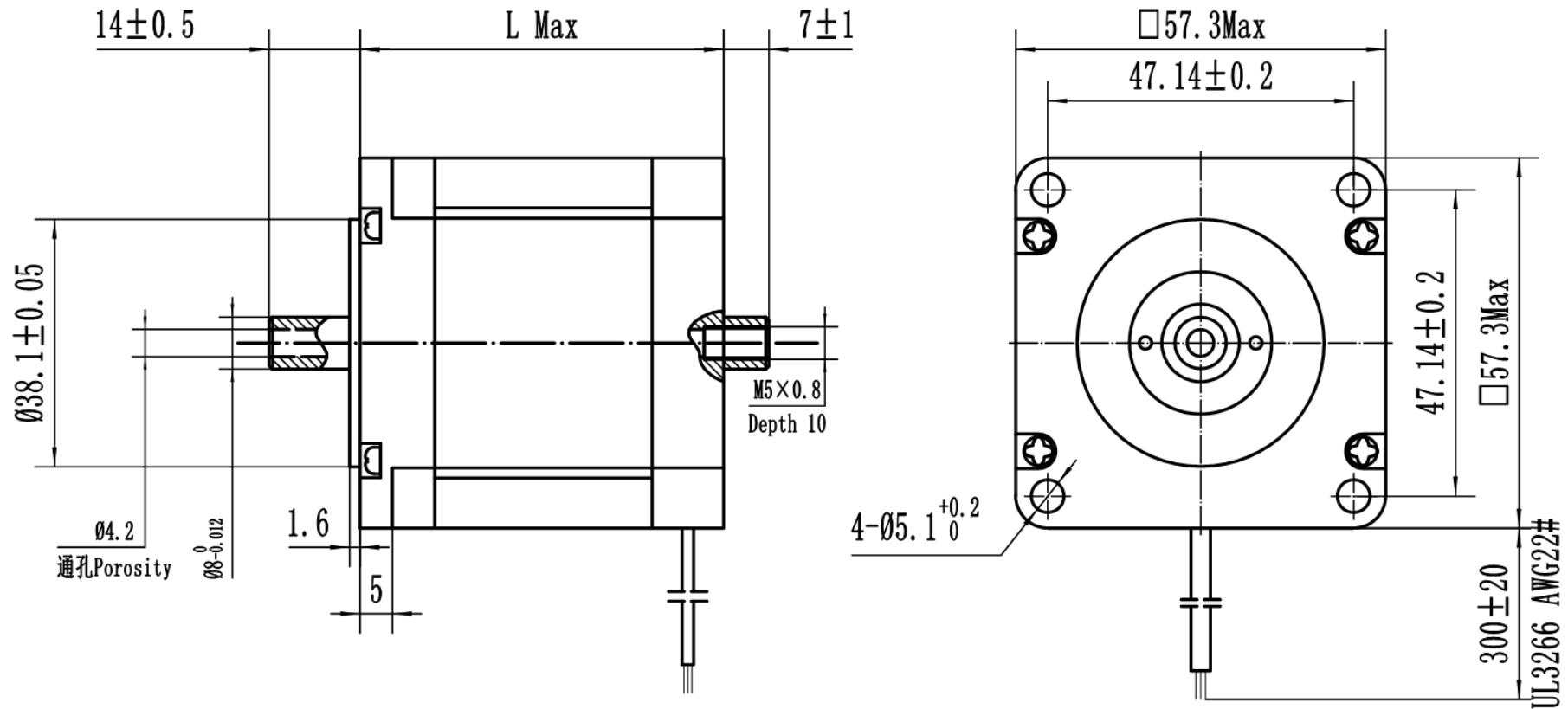
NEMA23 Hybrid Hollow Shaft Stepper Motor (1.8°) MR57HS Series



Technical Parameter

Subject	Specification	Subject	Specification
Phase	2	Axial Load	40N(9 Lbs.) Thrust 130N(30 Lbs.) Tension
Step/Circle	200		
Step Angle	1.8°	Radial Load	70N(15.5 Lbs) point of action in the middle of shaft
Step Angle Accuracy	±5%	Operating Temperature	-20°C-50°C
IP Level	IP40	Insulation Grade	B class. 130°C(F class available)
Certificate	CE Rohs	Insulation Resistance	100 MegOhms

Drawing of the stepper motor



Size: mm

Technical Specification

型号 Model	相数 Number of phase	电流 Current	电阻 Resistance	电感 Inductance	保持转矩 Holding Torque	转动惯量 Rotor Inertia	定位力矩 Detent Torque	重量 Weight	机身长度 Length (L)
		A	Ω	mH	Kg. cm	g. cm ²	g. cm	Kg	mm
MR57HS45-4100	2	1	4	8	6	155	250	0.5	45
MR57HS45-4200	2	2	1.4	3.6	6				
MR57HS45-4250	2	2.5	0.95	2.4	6.5				
MR57HS56-4100	2	1	5.6	20.3	12	260	400	0.65	56
MR57HS56-4200	2	2	2.1	6.4	12				
MR57HS56-4300	2	3	0.9	2.8	11				
MR57HS76-4100	2	1	8.8	39	20	460	700	1	76
MR57HS76-4150	2	1.5	4.3	18	20				
MR57HS76-4200	2	2	2.3	9.8	19				
MR57HS76-4300	2	3	0.9	2.8	19				

注：以上数据仅供参考，具体参数可根据要求定制。

Note: the above data are for reference only, and the specific parameters can be customized according to requirements.

Wires Instruction

2 Phase Stepper Motor

4 Wires (Unipolar)

The electrifying sequence
Bipolar full step driven

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

Use the flat in front of the motor's upper end cover as the reference plane.

黑 A
BLK
绿 A-
GRN
红 B
RED
蓝 B-
BLU

Clockwise
Anticlockwise

6 Wires (Bipolar)

The electrifying sequence
Unipolar full step driven

步序	A	B	A-	B-	0	M
1	-	-			+	+
2		-	-		+	+
3			-	-	+	+
4	-			-	+	+

Use the flat in front of the motor's upper end cover as the reference plane.

黑 A
BLK
黄 0
YEL
绿 A-
GRN
红 B
RED
白 M
WHT
蓝 B-
BLU

Clockwise
Anticlockwise

4 Wires (Bipolar)

6 Wires (Unipolar)

Customized Service

- 1, The shaft can be customized based on customer's requirement of device connecting.
- 2, The coil winding and height of the motor can be customized based on customer's requirement about the torque, speed and others.
- 3, The wires can be customized, which includes lead, terminal of lead tape, socket and others



