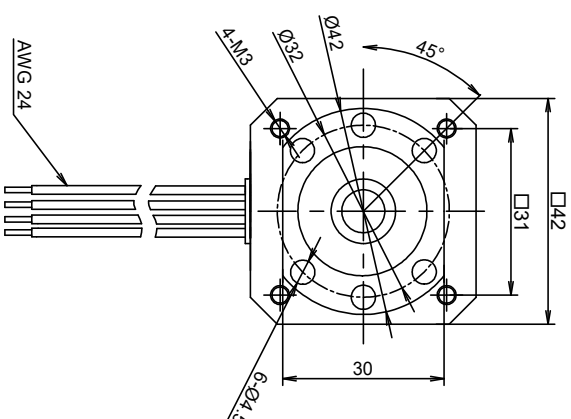
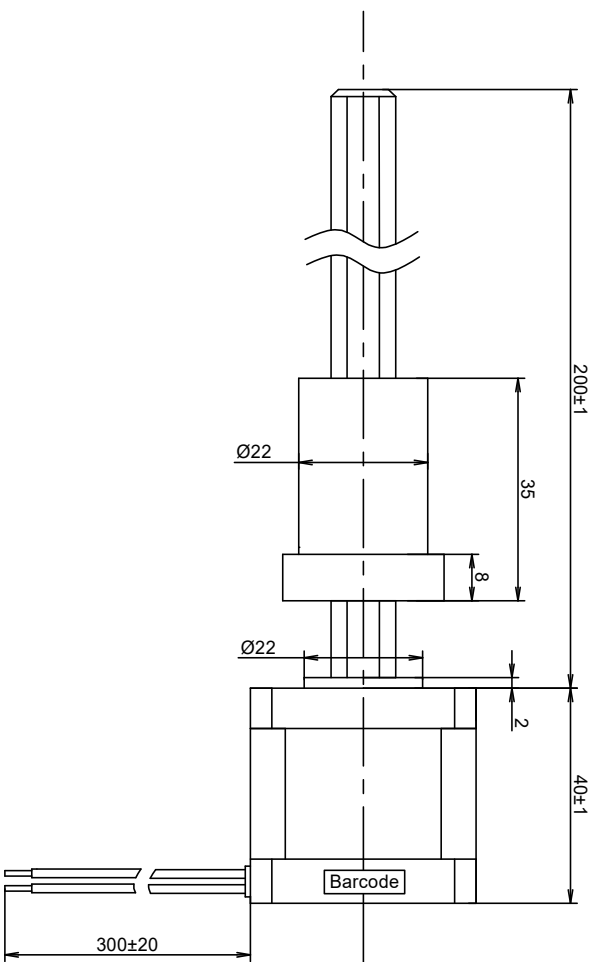


励磁顺序（两相励磁）VS 旋转方向
EXCITING SEQUENCE (TWO PHASES)
VS. DIRECTION OF ROTATION

STEP	A	B	$\bar{A}$	$\bar{B}$
1	+	—	—	—
2	+	+	—	—
3	—	+	+	+
4	+	—	—	+

CCW →

← CW

CLOCK WISE VIEW FROM MOUNTING SIDE

电机参数 MOTOR SPECIFICATIONS	
步进角 STEP ANGLE	1.8°±5%
额定电流 RATED CURRENT	2.0 Amps/PHASE
保持力矩 HOLDING TORQUE	0.4N.m
电阻 RESISTANCE	1.5 ohm±10% AT 25°C
电感 INDUCTANCE	2.8 mH±20% AT 1kHz, Vrms
转子惯量 ROTOR INERTIA	
绝缘等级 INSULATION CLASS	CLASS B
绝缘耐压 DIELECTRIC STRENGTH	500V A.C 1MINUTE
绝缘电阻 INSULATION RESISTANCE	100MΩ@500VDC
螺纹导程 LEAD	4mm
丝杆直径 LEAD SCREW DIAMETER	12mm
整步步长 LINEAR TRAVEL PER STEP	0.02mm
环境温度 OPERATING TEMPERATURE	-20℃~+50℃
温升 Heat Rise	80K

YYWWXXXXXX
Stator barcode label

电机型号 MOTOR CODE
EW17-320-B04200
步进电机规格书

UNIT: mm
未标注长度及角度默认公差
UNLESS OTHERWISE SPECIFIED TOLERANCES
长度/DIMENSIONS: $\pm 0.3\text{mm}$ 角度/DEGREES: $\pm 5^\circ$
电机检验标准/Motor inspection standard: QC-ZL-011

A	08-03-23	first version
REV.	DATE	REVISIONS
		Luffy BY

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APPROVED
John