

# Nema 11 Hybrid Stepper Motor

Rev: A

Date:140306

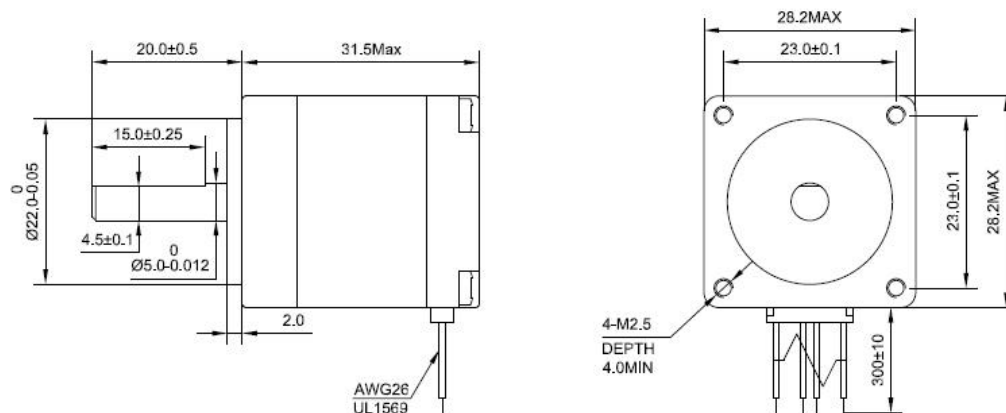
## COMMON RATINGS

Step angle :	1.8°	Dielectric strength :	500VAC
Positional accuracy :	±5%	Insulation resistance :	100Mohm(500VDC)
Number of Phase :	2	Ambient Temperature :	-10℃~50℃
Temperature rise :	80℃MAX	Insulation class :	B
Rotor Inertia :	9 gcm <sup>2</sup>	Weight :	0.11 Kg

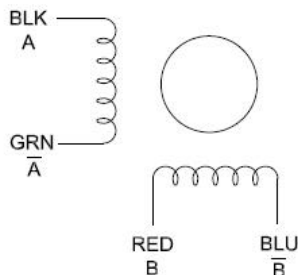
## SPECIFICATIONS

Holding Torque ( 2 phases on ) oz-in/N.cm	Rated Current/Phase (Amps DC )	Phase Resistance ( ohms ) ±10%	Rated Voltage/Phase ( V DC )	Phase Inductance ( mH )±20%(1KHz) Typical
8.3/6.0	0.67	5.6	3.8	4.2

## DIMENSIONS unit=mm



## CONNECTIONS

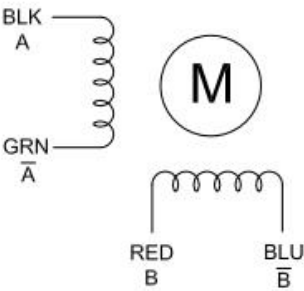


Note:

1. Lead Wires Should Be Stripped & Tinned.
2. All The Parts Are CE & RoHS Certified.

						11HS12-0674S			技术规格书	
									OSM TECHNOLOGY	
标记	处数	分区	更改文件号	签名	日 期					
设计			标准化			阶 段 标 记	重量	比例		
审核										
工艺			批准			共 张 第 张				

4 Wires Bi-Polar Full Step



CW DIRECTION	STEP	A	A̅	B	B̅
	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

● direction of rotation as viewed from mounting end of motor

N

11HS12-0674S PULL OUT TORQUE  
0.67A/PHASE 24V CONSTANT CURRENT HALF STEP

