Rev: A
Date:

Nema 17 Planetary Geared Stepper Motor

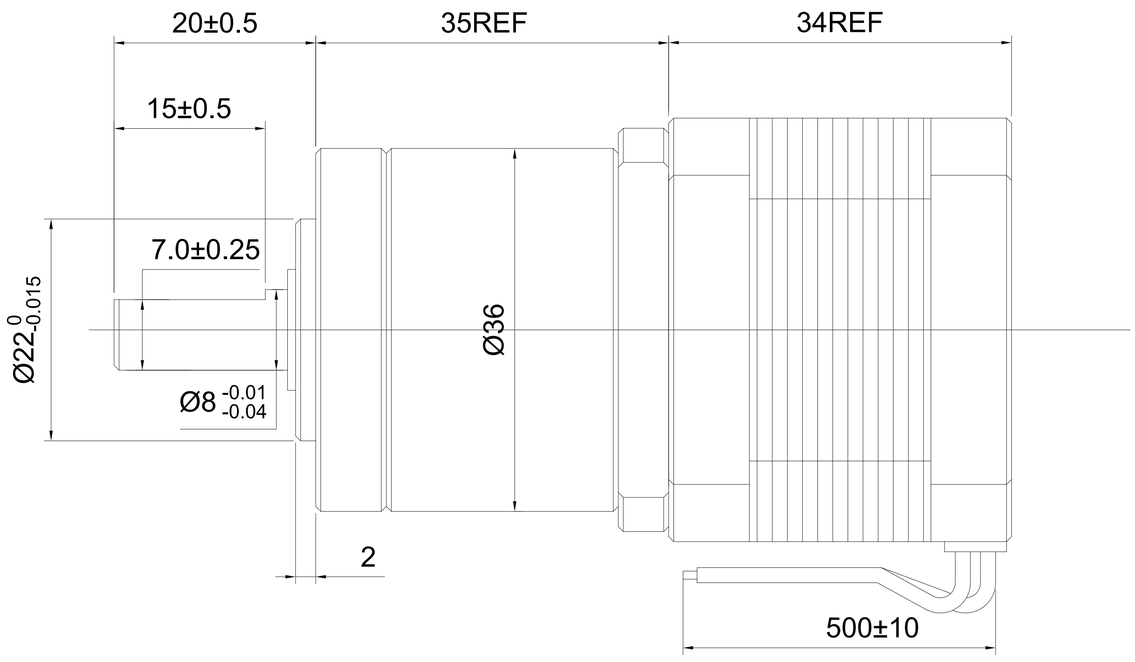
COMMON RATINGS

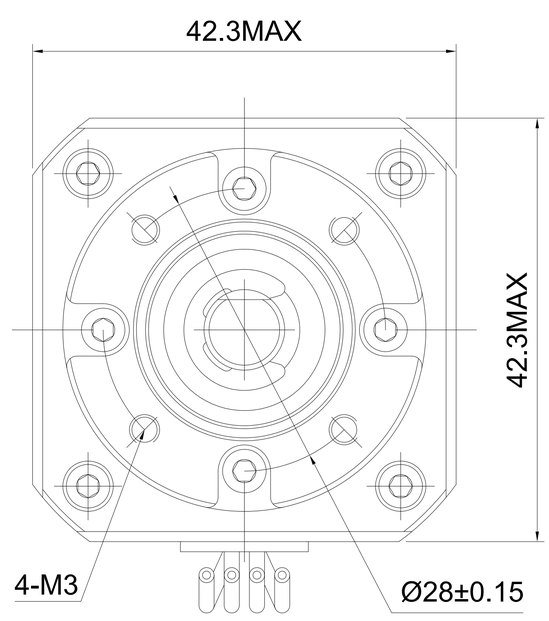
Step angle :	1.8°	Dielectric strength :	500VAC
Positional accuracy :	±5%	Insulation resistance :	100Mohm(500VDC)
Number of Phase :	2	Ambient Temperature :	-10℃~50℃
Temperature rise :	80℃MAX	Insulation class :	B
Rotor Inertia :	35gcm^2	Weight :	0.5Kg

SPECIFICATIONS

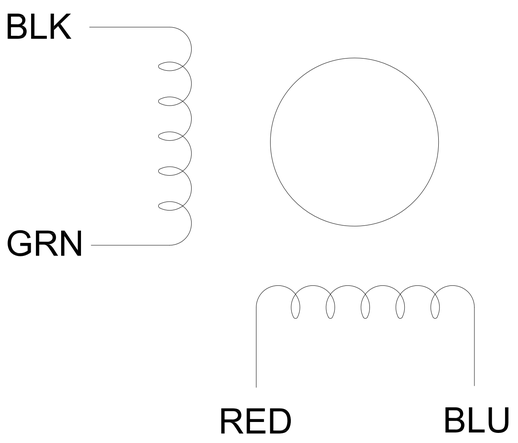
Holding Torque Before Gearbox (N.cm)	Rated Current/Phase (Amps DC)	Phase Resistance (ohms) ±10%	Rated Voltage/Phase (V DC)	Phase Inductance (mH)±20%(1KHz) Typical
26.0	0.4	30.0	12.0	37.0

DIMENSIONS unit=mm





CONNECTIONS



GEARBOX

Gear Ratio	$26\frac{103}{121}$
Efficiency	81%
Backlash at No-load	<= 1°
Max. Permissible Torque(Nm)	3.0
Moment Permissible Torque(Nm)	5.0
Shaft Maximum Axial Load(N)	50.0
Shaft Maximum Radial Load(N)	100.0

						17HS13-0404S-PG27C		技术规格书
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						共 张	第 张	OSM TECHNOLOGY
工艺			批准					