

Nema 17 Planetary Geared Stepper Motor

Rev: A

Date:

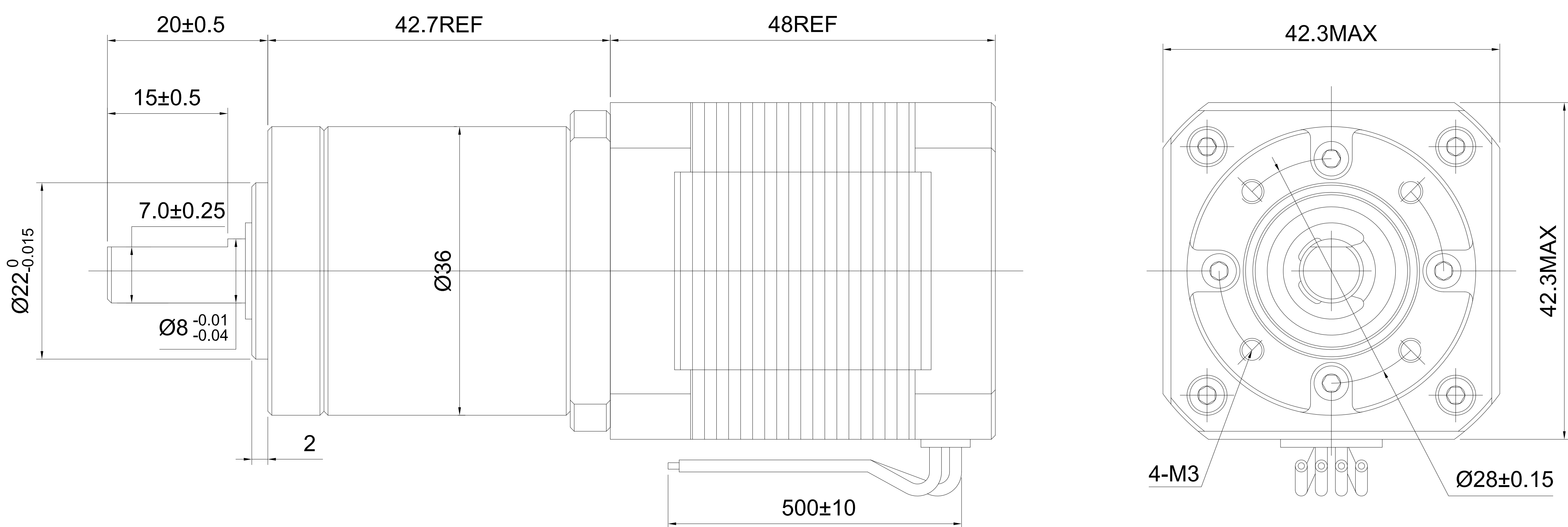
COMMON RATINGS

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 :	68gcm ²	Weight :	0.6Kg

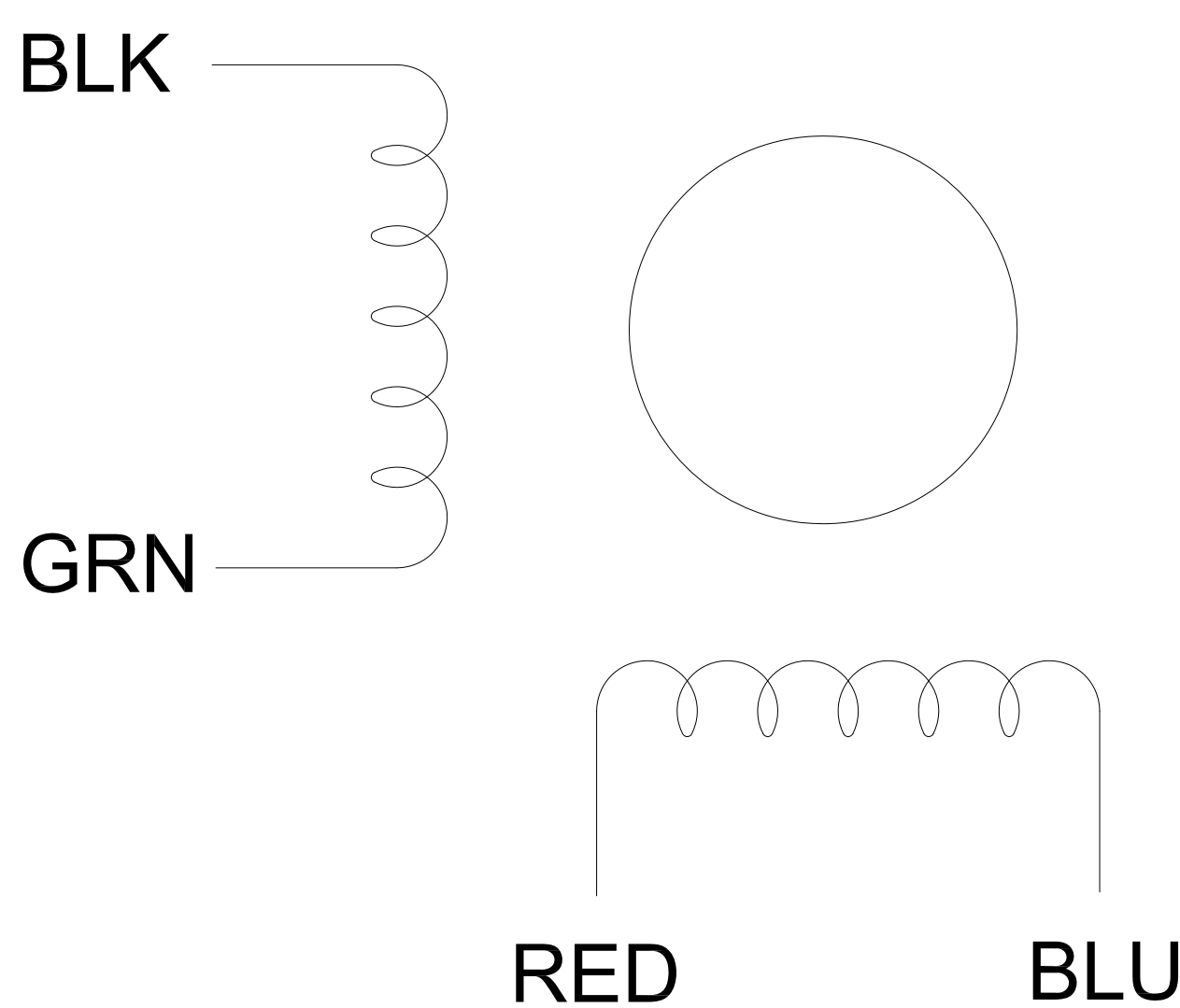
SPECIFICATIONS

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
44.0	1.68	1.65	2.8	2.8

DIMENSIONS unit=mm



CONNECTIONS



GEARBOX

Gear Ratio	50 ⁴³⁹⁷ / ₄₉₁₃
Efficiency	73%
Backlash at No-load	<= 1°
Max. Permissible Torque(Nm)	4.0
Moment Permissible Torque(Nm)	6.0
Shaft Maximum Axial Load(N)	50.0
Shaft Maximum Radial Load(N)	100.0

						17HS19-1684S-PG51			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	www.OMC-StepperOnline.com	
审核										
工艺			批准			共 张	第 张			