

Nema 14 Planetary Geared Stepper Motor

Rev: A

Date:

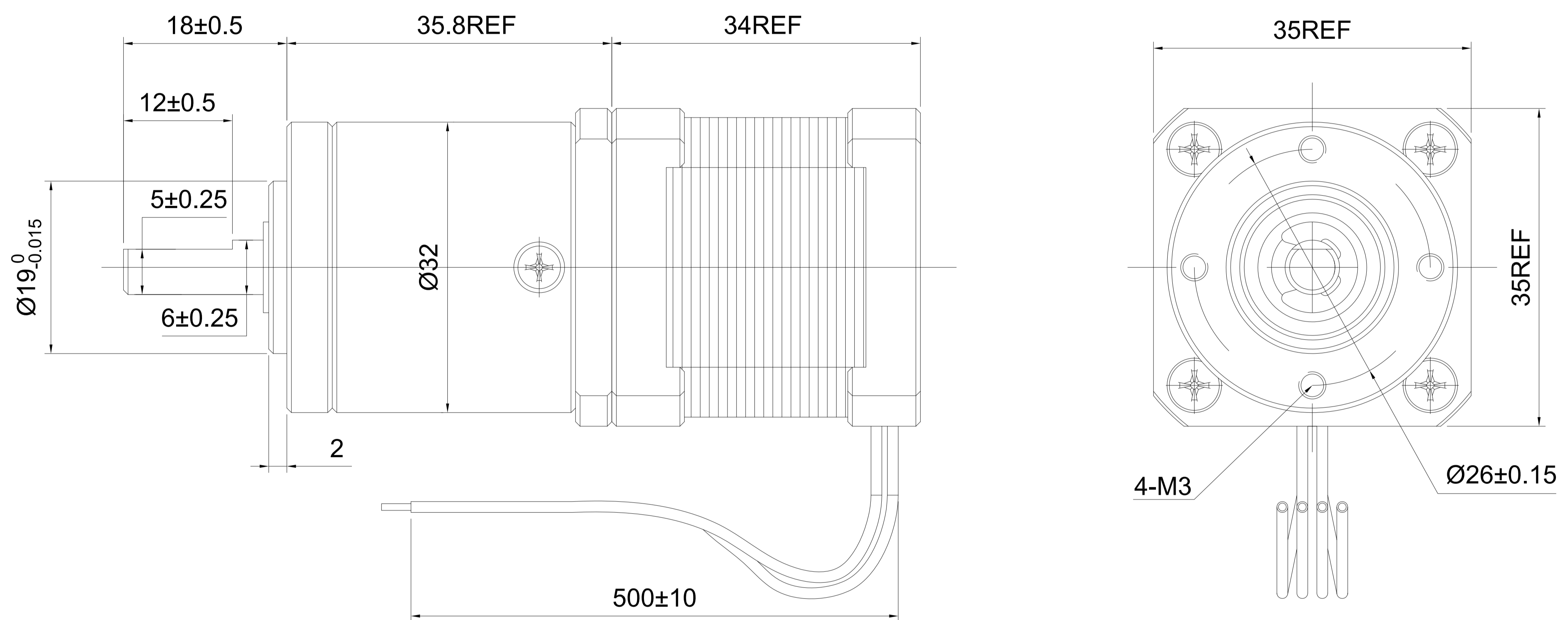
COMMON RATINGS

Step angle :	1.8°	Dielectric strength :	500VAC
Positional accuracy :	±5%	Insulation resistance :	100Mohm(500VDC)
Number of Phase :	2	Ambient Temperature :	-10°C~50°C
Temperature rise :	80°C MAX	Insulation class :	B
Rotor Inertia :	14gcm ²	Weight :	0.4Kg

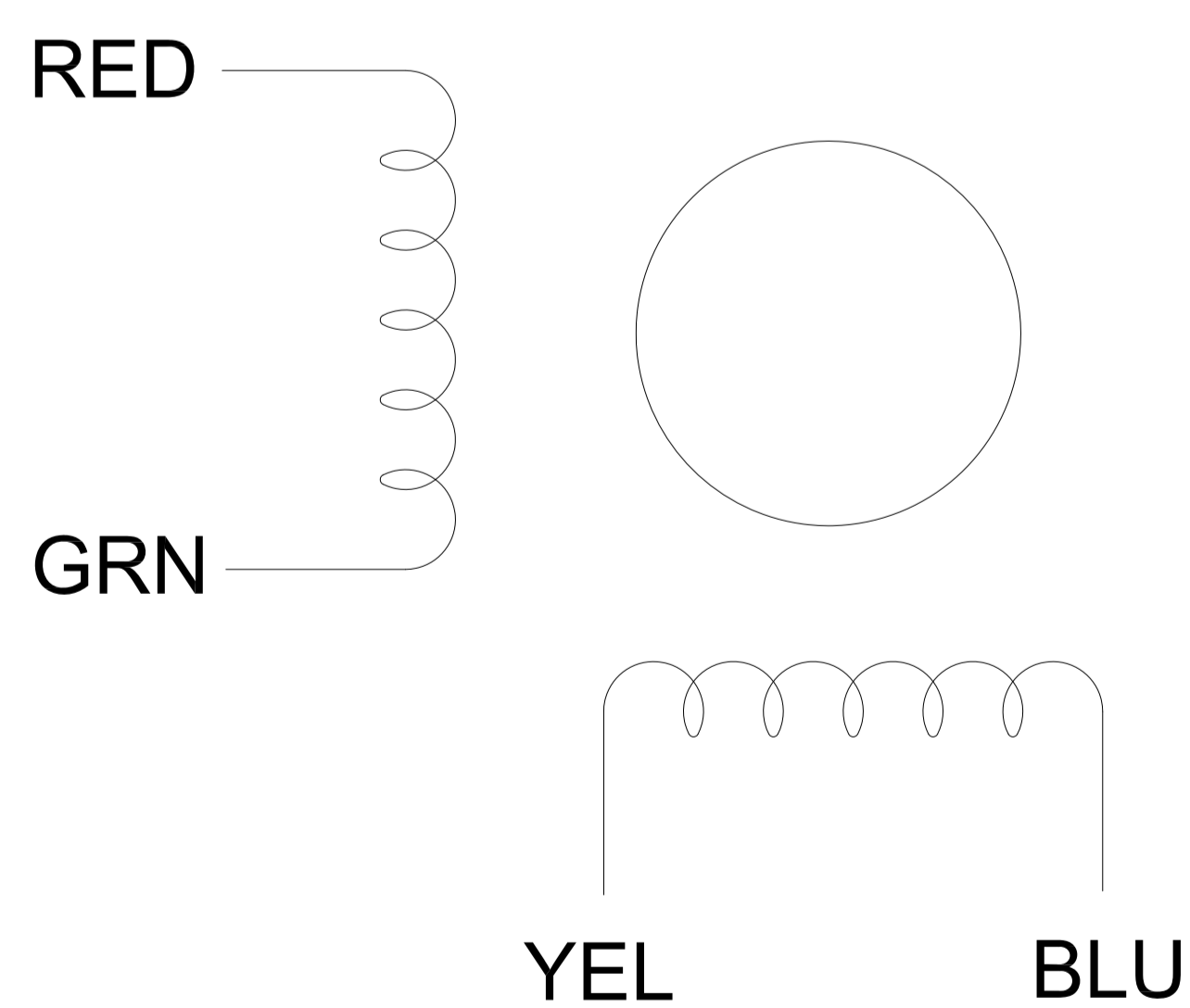
SPECIFICATIONS

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
18.0	0.8	6.8	5.4	10.0

DIMENSIONS unit=mm



CONNECTIONS



GEARBOX

Gear Ratio	19 ³⁸ / ₁₈₇
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

						14HS13-0804S-PG19			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									www.OMC-StepperOnline.com	
工艺			批准			共 张	第 张			