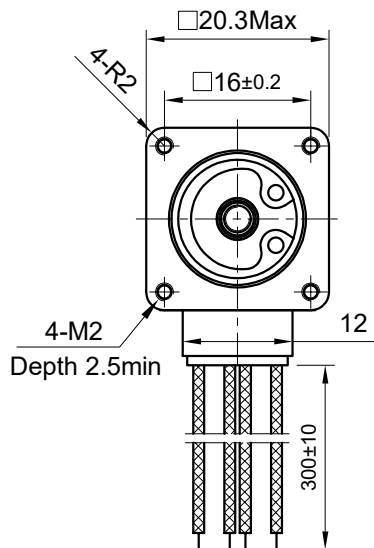
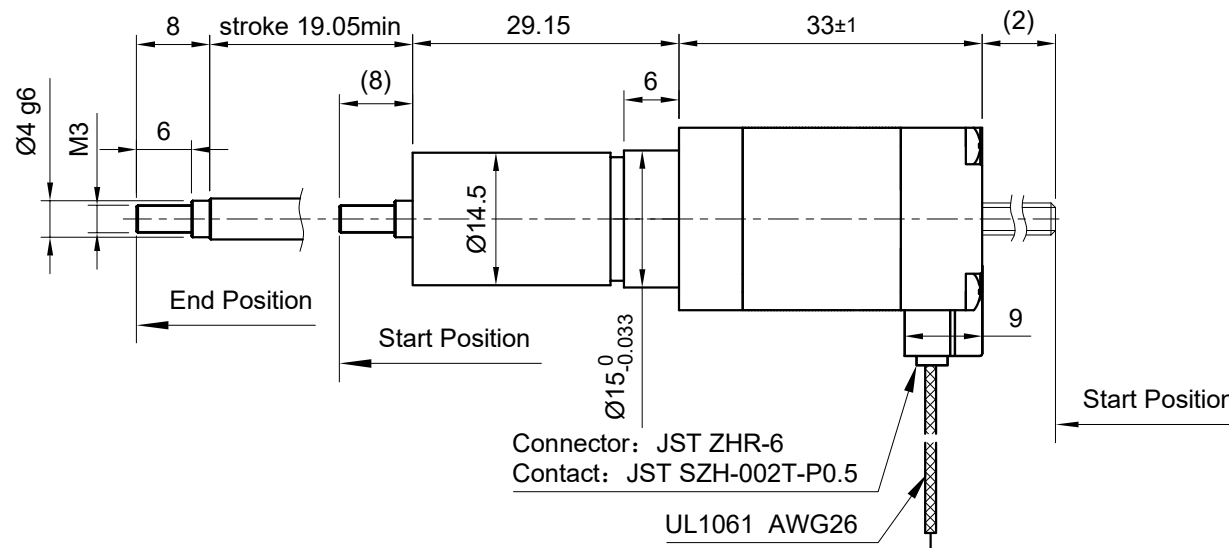


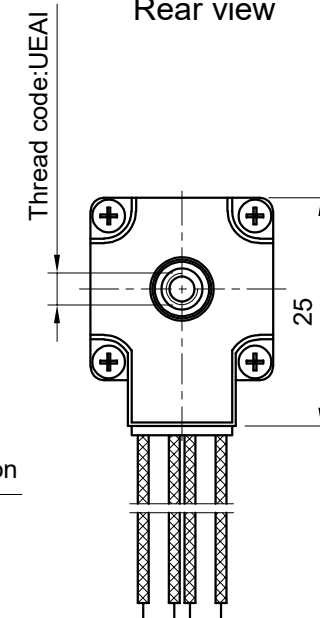
Front view and mounting



Side view



Rear view



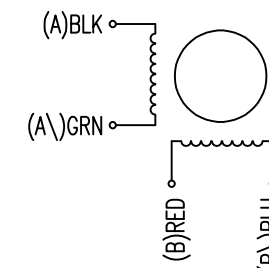
SPECIFICATION	CONNECTION
AMPS/PHASE	BIPOLAR
RESISTANCE/PHASE (Ohms)@25°C	0.37*
INDUCTANCE/PHASE (mH) @1KHz	6.4±10%
THREAD DIAMETER (mm) [in]	2.6±20%
THREAD LEAD (mm) [in]	3.5052 [0.138]
RATED FORCE (N)/MAX. FORCE (N)	0.3048 [0.012]
RESOLUTION (mm/STEP)	3 / 63
MAX. SPEED (mm/sec.) AT 24V	0.001524
WEIGHT (Kg) [lb]	5.1
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	0.066 [0.145]
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]	
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)	
INSULATION CLASS B 130° [266°F]	
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)	

Please regard the application note at www.nanotec.com for further informations.

* Base motor current is 0.6A.

TYPE OF CONNECTION (EXTERN)	MOTOR	
BIPOLAR	LEADS	WINDING
A —	BLK	A
A\ —	GRN	A\
B —	RED	B
B\ —	BLU	B\

WIRING DIAGRAM



FULL STEP 2 PHASE-Ex.,
WHEN FACING MOUNTING END (X)

STEP	A	B	A\	B\		CCW
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

Nanotec[®]
PLUG & DRIVE

Surface
specification
DIN ISO 1302

General
tolerances
DIN ISO 2768-c

Work piece
edge
DIN ISO 13715

APVD
CHKD
DRN
SIGNATURE

P.R.
GYQ
X T
DATE

LINEAR ACTUATOR

DWG.NO

LGA201S06-A-UEAI-019