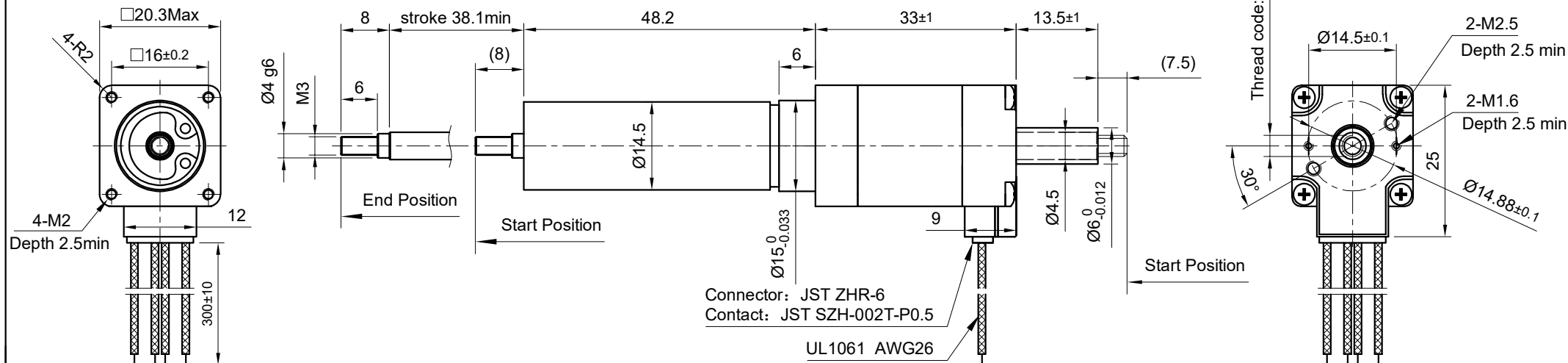


Rear view



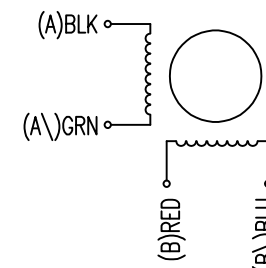
SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.37*
RESISTANCE/PHASE (Ohms)@25°C		6.4±10%
INDUCTANCE/PHASE (mH) @1KHz		2.6±20%
THREAD DIAMETER (mm) [in]		3.5052 [0.138]
THREAD LEAD (mm) [in]		0.3048 [0.012]
RATED FORCE (N)/MAX. FORCE (N)		3 / 63
RESOLUTION (mm/STEP)		0.001524
MAX. SPEED (mm/sec.) AT 24V		5.1
WEIGHT (Kg) [lb]		0.073 [0.161]
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)		
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	B \ A		CC
1	+	+	-	-	↓ CW ↑	
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

				 Nanotec® PLUG & DRIVE			APVD	<i>P.R.</i>	16.12.22	<i>LINEAR ACTUATOR</i>
1	Adjust the parameters	11.06.25	X T				CHKD	<i>GYQ</i>	16.12.22	
A	–	14.07.23	X T	Surface specification DIN ISO 1302	General tolerances  DIN ISO 2768-c	Work piece edge DIN ISO 13715	DRN	<i>X T</i>	16.12.22	
REV	DESCRIPTION	DATE	DRN				SIGNATURE	DATE	LGA201S06–B–UEAI–038	