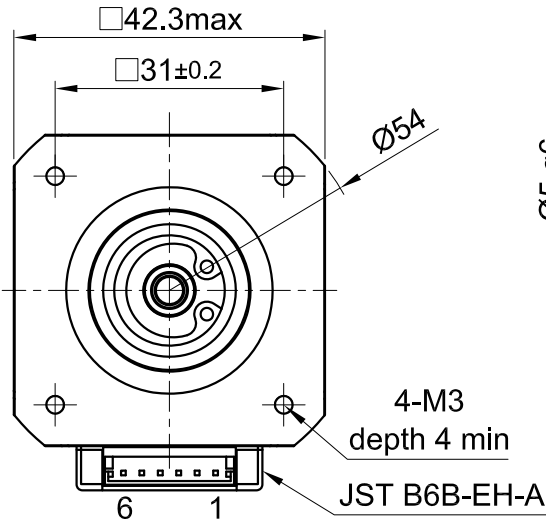
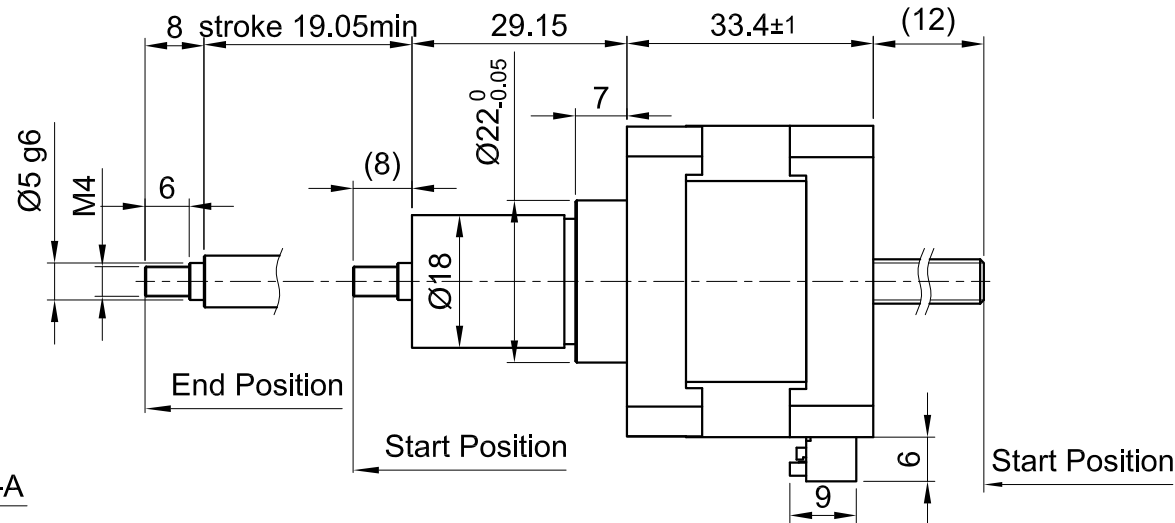


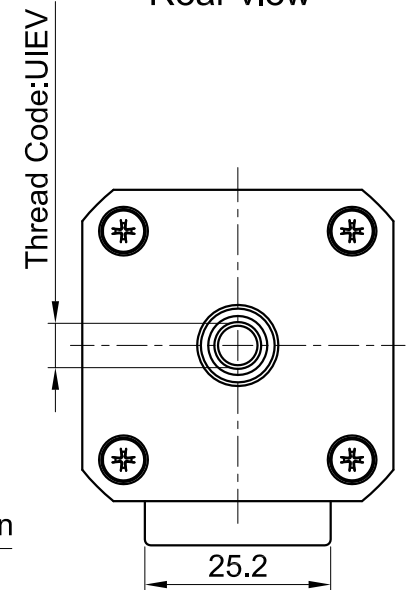
Front view and mounting



Side view



Rear view



SPECIFICATION	CONNECTION
AMPS/PHASE	BIPOLAR
RESISTANCE/PHASE (Ohms)@25°C	1.4
INDUCTANCE/PHASE (mH) @1KHz	2.0±15%
THREAD DIAMETER (mm) [in]	2.8±20%
THREAD LEAD(mm) [in]	5.55625 [0.21875]
THRUST (N)	4.8768 [0.192]
RESOLUTION (mm/STEP)	232.6
MAX. SPEED (mm/sec.) AT 24V	0.024384
WEIGHT (Kg) [lb]	130
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	0.24 [0.53]
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)	

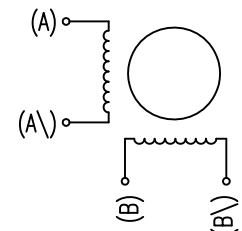
Please regard the application note at www.nanotec.com for further informations.

MOTOR	
CONNECTOR PIN NO.	WINDING
1 (NC)	A
2	
3	
4	
5	B
6 (NC)	

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

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

WIRING DIAGRAM



				 Nanotec® PLUG & DRIVE	APVD	P.R.	27.07.18	LINEAR ACTUATOR DWG.NO LGA421S14-A-UIEV-019
B	-	29.05.19	X T		CHKD	GYQ	27.07.18	
A	-	14.03.19	X T	Surface specification DIN ISO 1302	DRN	X T	27.07.18	
REV	DESCRIPTION	DATE	DRN		SIGNATURE		DATE	
				General tolerances DIN ISO 2768-cH	Work piece edge DIN ISO 13715			