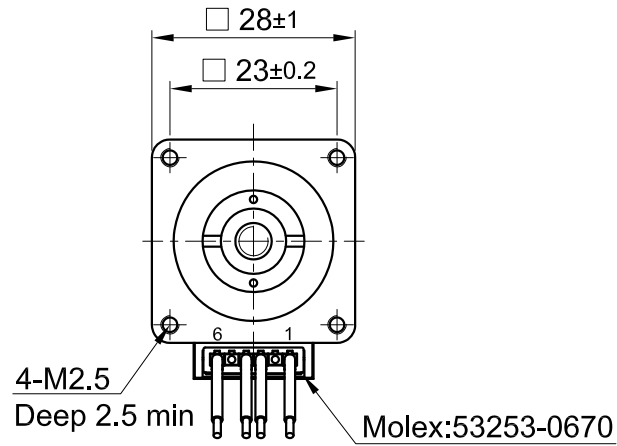
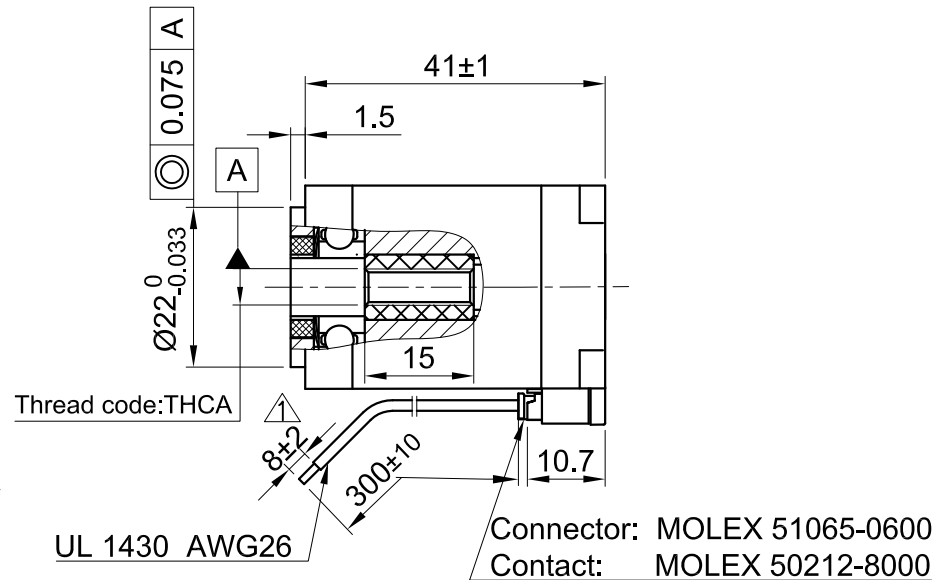


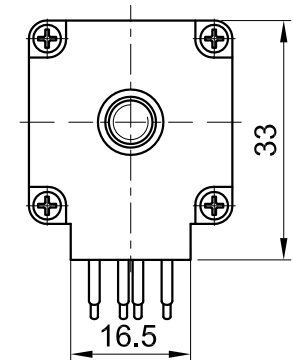
Front view and mounting



Side view



Rear view



CONNECTION	BIPOLAR
SPECIFICATION	BIPOLAR
AMPS/PHASE	1.5
RESISTANCE/PHASE (Ohms)@25°C	1.45±15%
INDUCTANCE/PHASE (mH) @1KHz	1.25±20%
THREAD DIAMETER (mm) [in]	5 [0.197]
THREAD LEAD(mm) [in]	2 [0.079]
THRUST (N) [lbf]	152[34.2]
RESOLUTION (mm/STEP)	0.01
MAX. SPEED (mm/sec.) AT 24V	35
WEIGHT (Kg) [lb]	0.14[0.31]
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](http://www.nanotec.com) for further informations.



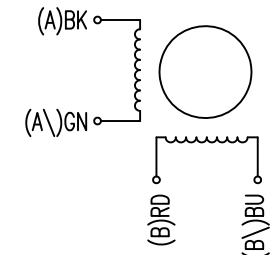
TYPE OF CONNECTION (EXTERN)	MOTOR		
	CONNECTION PIN NO.	LEADS	WINDING
A —	1	BK	A
A\ —	3	GN	A\
B —	4	RD	B
B\ —	6	BU	B\



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

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

WIRING DIAGRAM



2	Remove shaft play adjustable	11.03.19	X T
1	-	11.12.18	X T
D	-	26.02.18	L W
REV	DESCRIPTION	DATE	DRN

**Nanotec**  
PLUG & DRIVE

APVD	J.S.	16.02.17
CHKD	GYQ	16.02.17
DRN	B.L.	16.02.17
SIGNATURE		DATE

Surface specification DIN ISO 1302    General tolerances DIN ISO 2768-CH    Work piece edge DIN ISO 13715

APVD	J.S.	16.02.17
CHKD	GYQ	16.02.17
DRN	B.L.	16.02.17
SIGNATURE		DATE

**LINEAR ACTUATOR**

DWG.NO  
LA281M15-A-THCA