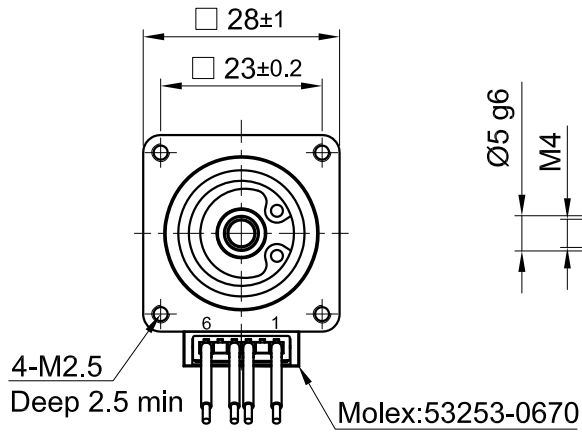
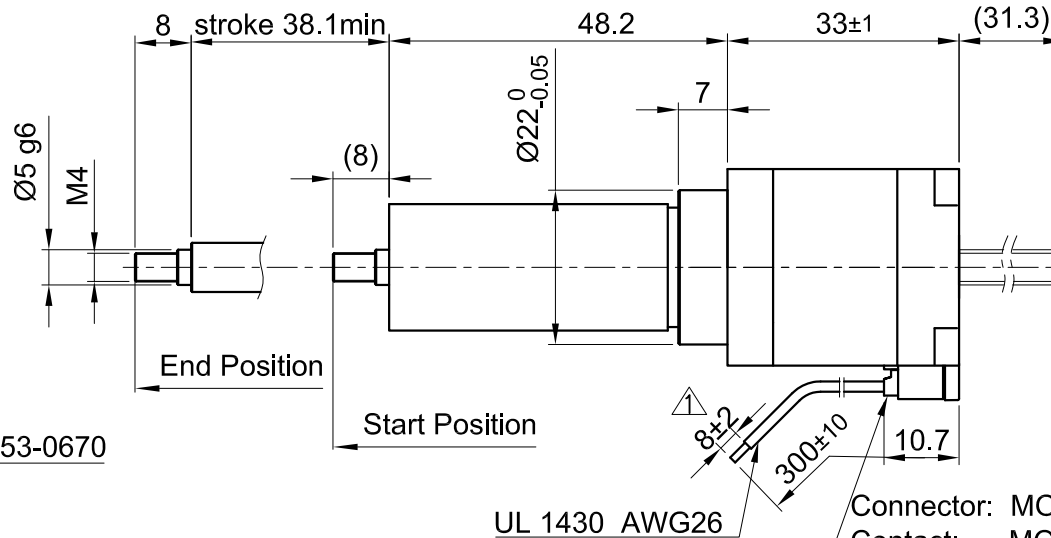


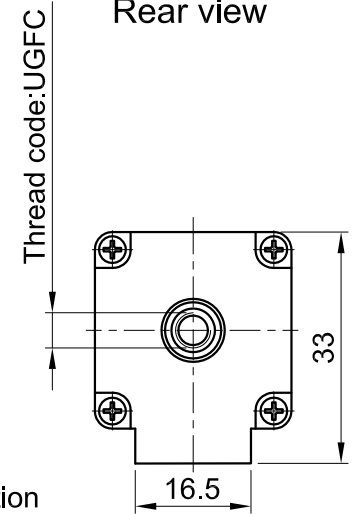
Front view and mounting



Side view



Rear view



UL 1430 AWG26

Connector: MOLEX 51065-0600  
Contact: MOLEX 50212-8000

CONNECTION	BIPOLAR
SPECIFICATION	
AMPS/PHASE	1.0
RESISTANCE/PHASE (Ohms)@25°C	2.7±15%
INDUCTANCE/PHASE (mH) @1KHz	2.5±20%
THREAD DIAMETER (mm) [in]	4.7625 [0.1875]
THREAD LEAD(mm) [in]	5.08 [0.20]
THRUST (N) [lbf]	50 [11.25]
RESOLUTION (mm/STEP)	0.0254
MAX. SPEED (mm/sec.) AT 24V	120
WEIGHT (Kg) [lb]	0.15 [0.33]
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.

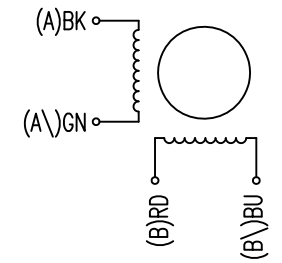


TYPE OF CONNECTION (EXTERN)	MOTOR		
BIPOLAR	CONNECTOR PIN NO.	LEADS	WINDING
A —	1	BK	A
A\ —	3	GN	A\
B —	4	RD	B
B\ —	6	BU	B\

WIRING DIAGRAM

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

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



2	Remove shaft play adjustable	11.03.19	X T
1	-	16.10.18	X T
A	-	20.06.18	X T
REV	DESCRIPTION	DATE	APVD

**Nanotec**<sup>®</sup>  
PLUG & DRIVE

Surface specification DIN ISO 1302	General tolerances DIN ISO 2768-CH	Work piece edge DIN ISO 13715
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APVD	P.R.	26.02.18
CHKD	GYQ	26.02.18
DRN	X T	26.02.18
SIGNATURE	DATE	

**LINEAR ACTUATOR**

DWG.NO  
LGA281S10-A-UGFC-038