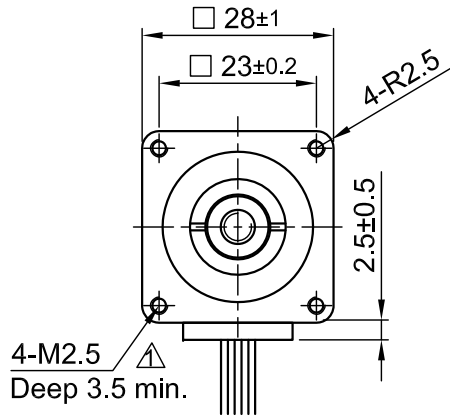
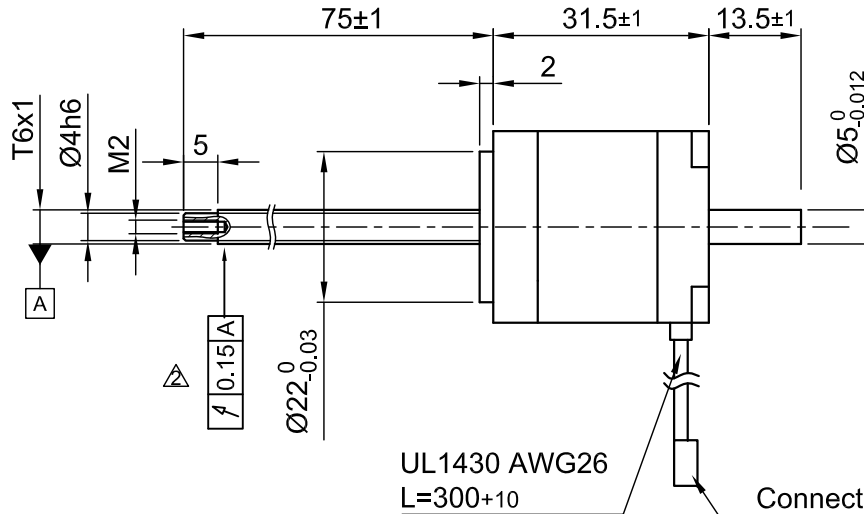


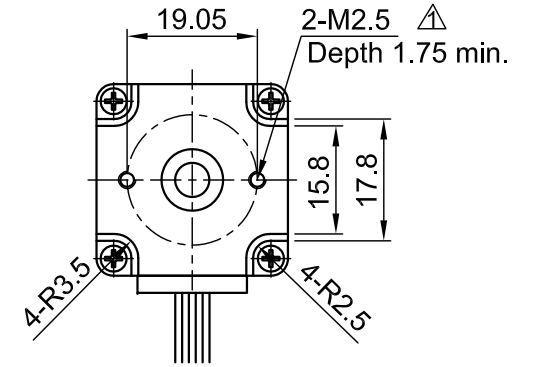
Front view and mounting



Side view



Rear view



UL1430 AWG26
L=300+10

Connector Type: JST XHP-4
Contact: SXH-001T-P0.6

SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.67
RESISTANCE/PHASE (Ohms)@25°C		5.6±15%
INDUCTANCE/PHASE (mH) @1KHz		4.0±20%
THRUST (N) [lbf]		60 [13.5]
RESOLUTION (mm/STEP)		0.005
STATIC THRUST (N) [lbf] (NO CURRENT)		130 [29.25]
MAX. SPEED (mm/sec.) AT 48V		20
MAX. SPEED WITH MAX. THRUST (mm/sec.) AT 48V		10
STEP ANGLE (°)+ACCURACY		1.8±5%
WEIGHT (Kg) [lb]		0.13 [0.29]
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.

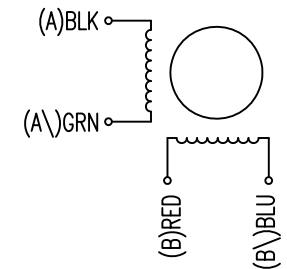
Shaft play is adjustable at the motor.

PIN NO	TYPE OF CONNECTION (EXTERN)		MOTOR	
	BIPOLAR	LEADS	WINDING	
1	A —	BLK	A	
2	A\ —	GRN	A\	
3	B —	RED	B	
4	B\ —	BLU	B\	

WIRING DIAGRAM

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

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



REV	DESCRIPTION	DATE	DRN	Nanotec® PLUG & DRIVE			APVD	G.S.	08.08.11	LINEAR AKTUATOR
02	ADD RUN-OUT	24.05.16	B.L.	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	CHKD	LB	08.08.11	
01	NEW TOLERANCE	07.03.16	B.L.				DRN	GYQ	08.08.11	DWG.NO
							SIGNATURE	DATE		