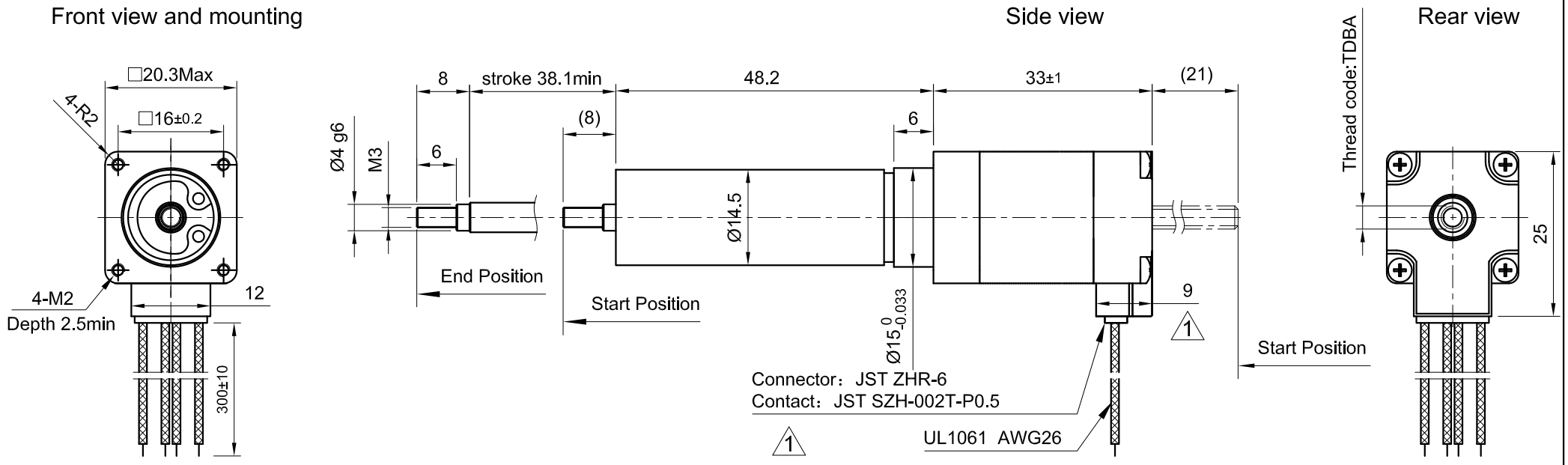

SPECIFICATION / CONNECTION	BIPOLAR
AMPS/PHASE	0.6
RESISTANCE/PHASE (Ohms)@25°C	6.4±10%
INDUCTANCE/PHASE (mH) @1KHz	2.6±20%
THREAD DIAMETER (mm) [in]	3.5 [0.138] 1
THREAD LEAD (mm) [in]	1 [0.0394]
THRUST (N)	46
RESOLUTION (mm/STEP)	0.005
MAX. SPEED (mm/sec.) AT 24V 1	40
WEIGHT (Kg) [lb]	0.073 [0.161]
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.

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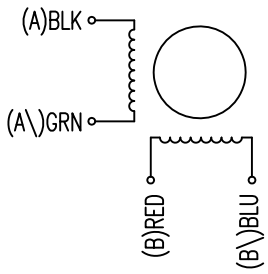
TYPE OF CONNECTION (EXTERN)	MOTOR	
BIPOLAR	LEADS	WINDING
A —	BLK	A
A\ —	GRN	A\
B —	RED	B
B\ —	BLU	B\

WIRING DIAGRAM



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

STEP	A	B	A\	B\		CCW
1	+	+	−	−		
2	−	+	+	−		
3	−	−	+	+		
4	+	−	−	+	CW	

REV	DESCRIPTION	DATE	DRN
2	Remove shaft play adjustable	11.03.19	X T
1	–	09.10.18	X T
A	–	02.07.18	X T

Nanotec® PLUG & DRIVE

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

APVD	P.R.	20.03.18
CHKD	GYQ	20.03.18
DRN	X T	20.03.18
SIGNATURE		DATE

LINEAR ACTUATOR

DWG.NO LGA201S06–A–TDBA–038