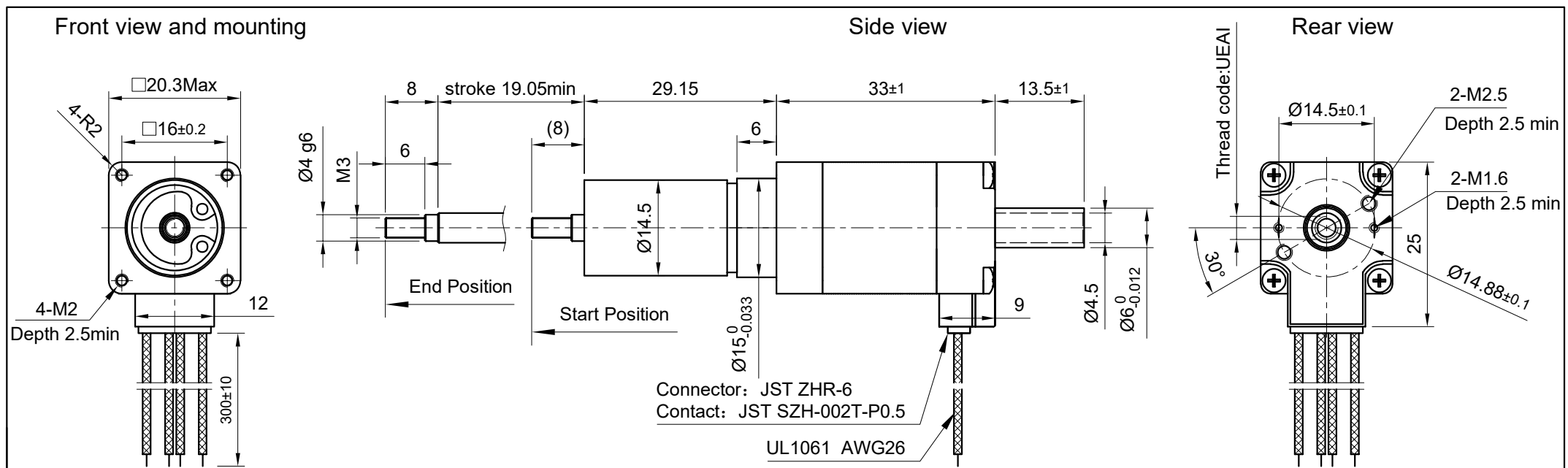




SPECIFICATION		CONNECTION		BIPOLAR		Please regard the application note at www.nanotec.com for further informations. * Base motor current is 0.6A.				TYPE OF CONNECTION (EXTERN)		MOTOR																										
AMPS/PHASE				0.37*						BIPOLAR		LEADS	WINDING																									
RESISTANCE/PHASE (Ohms)@25°C				6.4±10%						A —		BLK	A																									
INDUCTANCE/PHASE (mH) @1KHz				2.6±20%						A\ —		GRN	A\																									
THREAD DIAMETER (mm) [in]				3.5052 [0.138]						B —		RED	B																									
THREAD LEAD (mm) [in]				0.3048 [0.012]						B\ —		BLU	B\																									
RATED FORCE (N)/MAX. FORCE (N)				3 / 63																																		
RESOLUTION (mm/STEP)				0.001524																																		
MAX. SPEED (mm/sec.) AT 24V				5.1																																		
WEIGHT (Kg) [lb]				0.066 [0.145]																																		
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)						FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X) <table><tr><th>STEP</th><th>A</th><th>B</th><th>A\</th><th>B\</th><th></th><th>CCW</th></tr><tr><td>1</td><td>+</td><td>+</td><td>-</td><td>-</td><td rowspan="4"> ↓ ↑ </td><td rowspan="4"> CW </td></tr><tr><td>2</td><td>-</td><td>+</td><td>+</td><td>-</td></tr><tr><td>3</td><td>-</td><td>-</td><td>+</td><td>+</td></tr><tr><td>4</td><td>+</td><td>-</td><td>-</td><td>+</td></tr></table>				STEP	A	B	A\	B\		CCW	1	+	+	-	-	↓ ↑	CW	2	-	+	+	-	3	-	-	+	+	4	+	-	-	+
STEP	A	B	A\	B\						CCW																												
1	+	+	-	-	↓ ↑					CW																												
2	-	+	+	-																																		
3	-	-	+	+																																		
4	+	-	-	+																																		
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)																																						
				Nanotec® PLUG & DRIVE Surface specification DIN ISO 1302 General tolerances 1 DIN ISO 2768-c Work piece edge DIN ISO 13715			APVD	P.R.	16.12.22	LINEAR ACTUATOR																												
1	Adjust the parameters	11.06.25	X T				CHKD	GYQ	16.12.22																													
A	-	14.07.23	X T				DRN	X T	16.12.22	DWG.NO																												
REV	DESCRIPTION	DATE	DRN							SIGNATURE		DATE	LGA201S06-B-UEAI-019																									

WIRING DIAGRAM

(A)BLK

(A\)GRN

(B)RED

(B\)BLU