

# 21000 SERIES SIZE 8 DOUBLE STACK HYBRID LINEAR STEPPER ACTUATOR



**Size8:21mm Double Stack Hybrid Linear Stepper Motor(1.8°Step Angle)**

Captive	Non-captive	External Lin.	Wiring	Rated voltage	Rated current	Resistance /phase	Inductance /phase	Power consumption	Temperature rise	Weight	Insulation resistance
21CC4(X)-V	21NC4(X)-V	21EC4(X)-V	Bipolar	2.5V	1.32A	1.9Ω	1.91mH	6.5W	75°C	78g	20MΩ
				5V	0.65A	7.7Ω	7.02mH				
				7.5V	0.43A	17.3Ω	15.95mH				

Hybrid Linear Stepper Motor

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
<b>U</b>	9/64	0.00006	0.012
<b>N</b>	9/64	0.00012	0.024
<b>K</b>	9/64	0.00024	0.048
<b>J</b>	9/64	0.00048	0.096

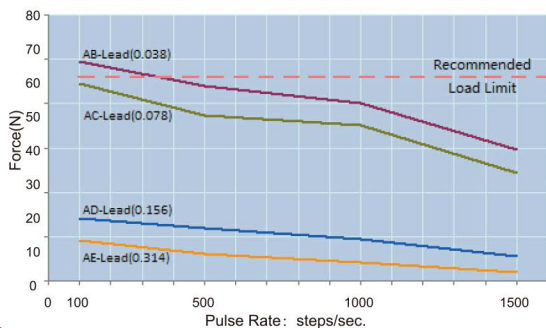
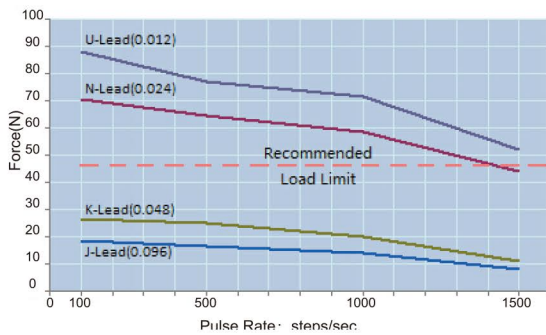
(Units:Inches)

Code	Leadscrew Thread Dimension		
	Diameter	Step	Lead
<b>AB</b>	9/64	0.00019	0.038
<b>AC</b>	9/64	0.00039	0.078
<b>AD</b>	9/64	0.00078	0.156
<b>AE</b>	9/64	0.00157	0.314

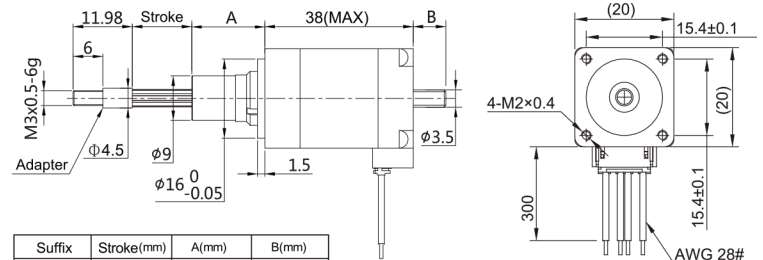
(Units:Inches)

## Force vs.Pulse Rate

Chopper drive : motor 2.5V and power supply 24V

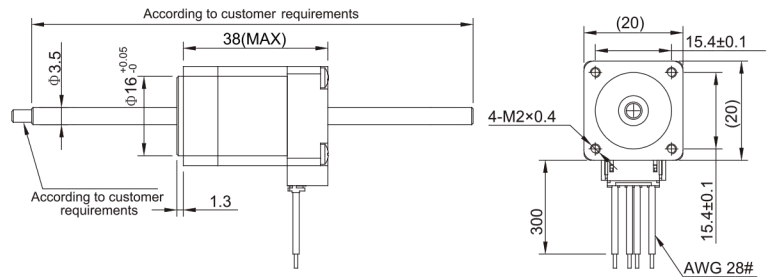


## Captive



Suffix	Stroke(mm)	A(mm)	B(mm)
301	9	11.1	0
302	12.7	14.81	0.28
303	19.1	21.16	6.63
304	25.4	27.51	12.98
305	31.8	33.86	19.33
306	38.1	40.21	25.68

## Non-Captive



## External Linear

