

# 21000 SERIES SIZE 8 LINEAR STEPPER ACTUATOR



Size8:21mm 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
21CA4(X)-V	21NA4(X)-V	21EA4(X)-V	Bipolar	2.5V	0.49A	5.1Ω	1.0mH	2.45W	75°C	43g	20MΩ
				5V	0.24A	20.4Ω	3.88mH				
				7.5V	0.16A	45.9Ω	11.7mH				

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

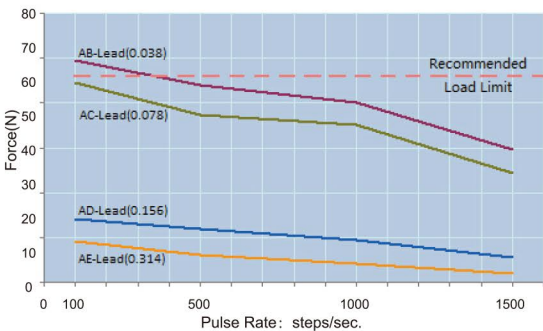
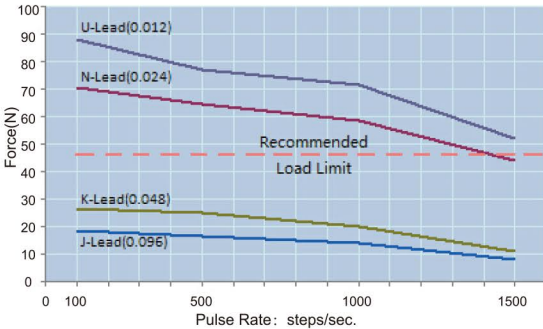
(Units:Inches)

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

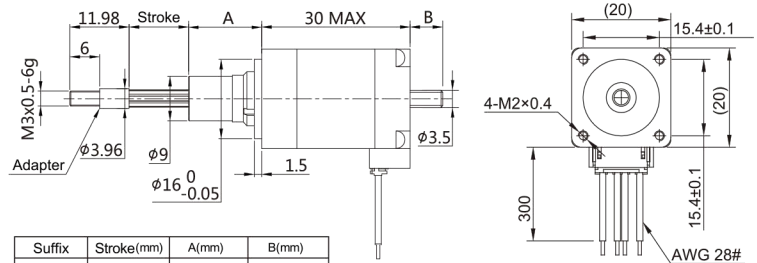
(Units:Inches)

## Force vs.Pulse Rate

Chopper drive : motor 2.5V and power supply 24V

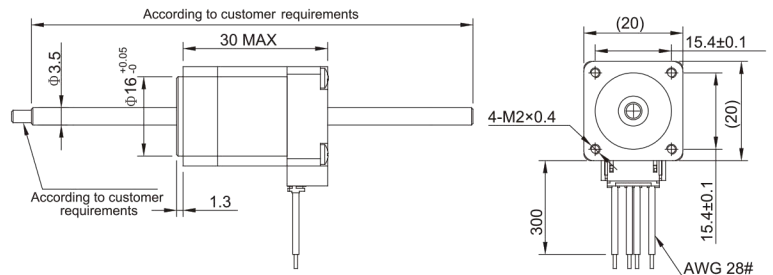


## Captive



Suffix	Stroke(mm)	A(mm)	B(mm)
301	9	11.1	1.58
302	12.7	14.81	5.28
303	19.1	21.16	11.63
304	25.4	27.51	17.98
305	31.8	33.86	24.33
306	38.1	40.21	30.68

## Non-Captive



## External Linear

